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Monitoring Progress Report 2018

Hayward Landfill

Hayward, Wisconsin

WDNR License No. 01751

HAYWA 149241 | January 11, 2019

SEH

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January 11, 2019

RE: Hayward Landfill
Monitoring Progress Report 2018
Hayward, Wisconsin
WDNR License No. 01751
SEH No. HAYWA 149241 4.00

Mr. John Sager
Wisconsin Department of Natural Resources
1701 N 4th Street
Superior, WI 54880

Dear Mr. Sager:

On behalf of the City of Hayward, Short Elliott Hendrickson Inc. (SEH®) is submitting the enclosed document titled "Monitoring Progress Report 2018" for the Hayward Landfill. This report documents the sampling and monitoring activities conducted at the Hayward Landfill from January 2018 through December 2018. This document has been prepared in general accordance with s. NR 507.26 and s. NR 724.13 Wisconsin Administrative Code.

If you or your staff has any comments or questions, please contact me at 1.608.498.4844.

Sincerely,

Brian Kent, CHMM
Project Manager

MFR/JEG/BLK
\\sehlx1\projects\fj\h\haywa\149241\omm report 2018\hayward progress monitoring rpt 2018 final.docx

Monitoring Progress Report 2018

Monitoring Progress Report 2018
Hayward, Wisconsin

Prepared for:
City of Hayward
Hayward, Wisconsin

Prepared by:
Short Elliott Hendrickson Inc.
10 North Bridge Street
Chippewa Falls, WI 54729-2550
715.720.6200

SEH

I, John Guhl, PG, hereby certify that I am a Hydrogeologist as that term is defined in s. NR 712.03(1) Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

120 January 11, 2019

John Guhl, PG, Hydrogeologist | PG Number | Date

I, Brian Kent, hereby certify that I am a scientist as that term is defined in s. NR 712.03(3), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

10805 January 11, 2019

Brian Kent, CHMM, Project Manager | CHMM Number | Date

SEH

Distribution

No. of Copies	Sent to
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1	John McCue, Director of Public Works City of Hayward 15889 West Third Street P.O. Box 969 Hayward, WI 54843
1	Charlie Munich, Mayor City of Hayward 15889 West Third Street P.O. Box 969 Hayward, WI 54843

SEH

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Monitoring Progress Report 2018

Hayward Landfill

Prepared for City of Hayward

1 Introduction

This document summarizes environmental monitoring data collected from and near the City of Hayward (Hayward) Landfill during calendar year 2018.

This document has been prepared in general accordance with Wisconsin Administrative Codes (Wis. Adm. Code) ss. NR 724.13 and ch. NR 507 by Short Elliott Hendrickson Inc. (SEH®) on behalf of the City of Hayward.

1.1 Purpose

The purpose of this report is to document present conditions and progress of the remedial actions implemented at the Hayward Landfill in accordance with s. NR 724.13(3) and ch. NR 507 Wisconsin Administrative Code.

1.2 Objective

Between 1998 and 2016 an active LFG extraction system was operated at the site as a source abatement measure to limit the migration of volatile organic compounds (VOCs) from the landfill waste to the underlying groundwater. Induced atmospheric intrusion of oxygenated air into the landfill was implemented to accelerate decomposition of waste, reduce the anaerobic biochemical generation of vinyl chloride (VC), and reduce methane production. Based on the groundwater and landfill gas data collected between 1998 and 2018 the LFG system appears to have been effective. In early 2016 the site's LFG system was shut down and an alternate monitoring schedule was implemented to assess possible rebounding contaminant trends.

1.3 General Facilities Information

A summary of general facilities information is presented below:

Project Title:

Hayward Landfill, City of Hayward, Wisconsin
(WDNR License No. 01751)

Property Owner:

City of Hayward
15889 West Third Street
P.O. Box 969
Hayward, WI 54843

Project Contacts:

Mr. John McCue, Director of Public Works
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15889 West Third Street
P.O. Box 969
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1701 N. 4th Street
Superior, WI 54880
715.392.7822

Mr. Brian Kent, CHMM, Project Manager
Short Elliott Hendrickson Inc.
329 Jay Street, Ste. 301
La Crosse, WI 54601
608.498.4844

1.4 Site Location

The Hayward Landfill is located northeast of the intersection of STH 63 and Stress Road, Section 28, T41N, R9W, City of Hayward, Sawyer County, Wisconsin. The location of the Hayward Landfill and surrounding area is shown on Figure 1, "Title Sheet/Site Location."

1.5 Project History

The City of Hayward owns and formerly operated the solid waste landfill referred to in this document. The landfill was licensed by the Wisconsin Department of Natural Resources WDNR License No. 01751 for the disposal of solid waste.

The City operated the landfill for approximately 21 years and closed it in 1985. Municipal, commercial, and demolition waste were disposed in the waste containment area, which encompassed approximately 9.1 acres of the 20-acre site.

Post closure groundwater monitoring indicated the groundwater beneath and down gradient from the site was being impacted by contaminants migrating from the landfill. At the WDNR's request, the City investigated the groundwater contamination and subsequently installed a landfill gas extraction system (LFG) as a source abatement remedial action in 1998. As a condition to approving utilizing LFG extraction as a remedial option (versus constructing an impermeable cap on the landfill), the WDNR required the City to evaluate the effectiveness of the LFG system following five years of operation.

In February 2003 SEH submitted a system effectiveness evaluation to the WDNR, which suggested that the existing remediation system was effective in reducing groundwater contamination in the area. The WDNR concurred with this recommendation in a Plan Approval Modification dated March 25, 2003, which stated the "approval allows the City an additional four year time extension (to January 2007) to show the gas extraction system continues to effectively control contamination coming from the landfill". In February 2008 SEH submitted a second system effectiveness evaluation, detailing the progress of the LFG extraction system in restoring

groundwater quality. The WDNR did not provide a response to the February 2008 effectiveness evaluation

In early 2015 SEH issued the 2014 Operations, Maintenance and Monitoring (OMM) Progress Report. Included with the report was a detailed summary of the effectiveness of the remediation system in restoring groundwater quality and minimizing LFG migration associated with landfill. While the remediation system was very effective in restoring groundwater quality, the data collected during 2014, and recent previous years, suggested that the active system may warrant being shutdown to assess contaminant rebound. Accordingly, the 2014 OMM Progress Report requested authorization from the WDNR to indefinitely shut down the active LFG system, and modify the groundwater monitoring network to more efficiently assess potential contaminant rebound. In a May 21, 2015 letter the WDNR approved shutdown of the active remediation system and issued a revised environmental monitoring schedule. As accounted for in the WDNR's May 21, 2015 letter, following one year of additional data collection the WDNR approved further modifications to the monitoring schedule via a June 15 2016 electronic mail. The current monitoring schedule is attached as Table 1 "Site Monitoring Schedule".

1.6 Site Conditions

The landfill cover continues to be well vegetated and is routinely mowed by the City. Settlement continues to occur in areas of the landfill, particularly in the northern portion of the site. This portion of the landfill was utilized in the final years of the landfill operation and contains the most recently deposited waste.

Due to historic practices of burying waste in a series of small pits and trenches, waste settlement is not consistent. The areas containing waste are clearly distinguishable as they have settled and the adjacent soils around the pit or trench have remained unchanged. Due to the uneven settlement, a few locations have developed narrow crevices due to shear movement. These areas are filled with granular materials by the City when identified to address navigation hazards.

2 Monitoring

Environmental monitoring is utilized to evaluate remediation progress and to minimize the potential for the threat to public health and/or violations of environmental regulations. An outline of the current monitoring schedule is presented on Table 1.

OMM progress reports have historically been submitted on an annual basis to summarize data and track remedial progress. A list of the submitted progress reports and submittal date are provided in the 2015 OMM progress report.

2.1 System Monitoring

Monitoring of the LFG extraction system has been discontinued as the system has been turned off. The extraction system has effectively removed landfill gas and minimized the migration of contaminants to the groundwater beneath the waste. Tabulated historical results of the LFG extraction system and LFG extraction well monitoring results are provided in the 2014 OMM Progress report.

2.2 Well Head Monitoring

The fourteen individual active LFG extraction wells were converted to passive vents during the December 2015 sampling event. Refer to the 2014 OMM Progress Report for historic extraction

well head monitoring data (1998 through 2014). Locations of the extraction wells/passive vents are shown on Figure 2, "LFG Extraction Well and Gas Probe Locations."

2.3 Gas Probe Monitoring

Currently there are 17 gas probes across the site. Six of the gas probes are located outside the limits of waste and are utilized to monitor perimeter gas concentrations. Eleven gas probes exist within the limits of waste and have historically been utilized to determine the remediation system effectiveness in removing methane and to determine the system's radius of influence (ROI).

Methane was not detected in any of the perimeter gas probes during the March or September 2018 monitoring events. Gas Probe monitoring results measured and recorded during 2018 are included in Table 3, "Gas Probe Monitoring Results". Refer to the 2014 OMM Progress Report for historic gas probe monitoring data (1998 through 2014). Gas probe monitoring data for each respective year since 2014 are summarized in each respective annual report.

2.4 Groundwater Monitoring

Groundwater monitoring is currently conducted at both on and off site monitoring wells, piezometers, and private wells on a semi-annual schedule in accordance with Table 1. Due to issues with arranging access to private wells, the March event was delayed until April. A map showing the location of site monitoring wells and piezometers is shown on Figure 3, "Monitoring Well, Piezometer, and Private Well Locations." Analytical reports for the groundwater analyses conducted on the site monitoring wells, piezometers, and private wells are submitted to the WDNR's Groundwater and Environmental Monitoring System (GEMS) via electronic Turn Around Documents (TADs).

2.4.1 Site Hydrogeology

The existing groundwater monitoring well network consists of 27 monitoring wells. Included are 15 shallow water table observation wells, six shallow to intermediate piezometers, and six deep piezometers. Not all wells within the network are sampled; the current sampling schedule is shown in Table 1.

Groundwater flow across the monitoring area is south toward the Namekagon River at an average horizontal hydraulic gradient of 0.005 ft/ft. The variability of the groundwater flow direction across the landfill is likely due to influence of the wetland area located west of the landfill. Figure 4, "Groundwater Elevation Contours - 9/28/18" illustrates the groundwater elevation contours for the September 2018 monitoring event. Table 2, "Groundwater Elevation Table" shows historic and current groundwater elevations at site monitoring wells and piezometers.

A general downward vertical gradient was noted across most of the site. Downward vertical gradient values were generally consistent with previously reported values. The vertical gradient data collected from the well nests collectively indicate that the majority of the monitoring area, including the wetland located west of the landfill, is a groundwater recharge area.

2.4.2 Monitoring Well Groundwater Analytical Results

As indicated on Table 4, "Groundwater Analytical Results - Volatile Organic Compounds VOC constituents were detected in groundwater samples collected from select monitoring wells during 2018. In all cases except as discussed below, detections of VOCs are intermittent and/or below applicable State groundwater quality standards.

During the September 2018 sampling event vinyl chloride was measured in the groundwater sample collected from MW-4 at a concentration of 0.61µg/l, which is an exceedance of the Enforcement Standard (ES) established at 0.2 µg/l. Vinyl Chloride was not detected during the April 2018 event, but was detected at a similar concentration during the September 2017 sampling event. Review of historic data indicates that MW-4 has historically contained the highest concentration of vinyl chloride of all site and offsite monitoring wells with the largest concentration measured in September 2002 at 11 µg/l. Between September 2010 and September 2017, vinyl chloride was not detected in samples collected from MW-4.

As noted in the 2017 Annual Report, the groundwater sample collected from MW-4 during September 2017 sampling event indicated a methylene chloride detection of 9.0 µg/l. As discussed at that time, methylene chloride is a common laboratory artifact and has not consistently been detected in groundwater collected from any of the site's monitoring wells or private wells. Please note that methylene chloride was not detected in samples collected from MW-4 during the April or September 2018 samples event suggesting that the 2017 methylene chloride detection is likely a result of laboratory error or contaminated sample vials.

Site groundwater monitoring results will continue to be closely tracked to determine if increasing VOC concentrations warrant re-start of the active LFG collection system.

Tabulated results of current and historic VOC groundwater monitoring data is shown on Table 4 Indicator parameters measured from site monitoring wells during 2018 monitoring is summarized on Table 5, "Groundwater Analytical Results - Field Parameters."

2.4.3 Private Well Groundwater Analytical Results

As part of the WDNR's May 21, 2016 letter approval, private well sample collection has been discontinued from all private wells except three locations. Groundwater analytical VOC data from the private wells where the sampling has been discontinued have historically been non-detect or well below applicable groundwater quality standards.

The three private wells that remain part of the sampling program include PW-6, PW-15, and PW-18. As part of the WDNR's May 21, 2016 letter approval, groundwater samples are currently collected on a semi-annual basis (typically March and September) from these wells. Locations of private wells are shown on Figure 3. Tabulated results of private well groundwater VOC analysis are also shown on Table 4.

Groundwater laboratory data from private well PW-15 have historically indicated detections, and intermittent PAL exceedances, for 1, 2-dichloropropane. During the April 2018 event, groundwater collected from PW-15 indicated no detections of VOC. During the September 2018 event, groundwater collected from PW-15 indicated a detection of 1, 2-dichloropropane at a concentration of 0.26 µg/l, which is below the PAL concentration limit of 0.5 µg/l. Methylene chloride was also detected at a concentration of 0.24 µg/l during this event. The associated trip

blank also had a detection of methylene chloride, a likely indication of laboratory contamination. PW-15 has not demonstrated an ES groundwater quality exceedance since 1999.

Chloroform continued to be detected in groundwater samples collected from private wells PW-6 and PW-18 during 2018. It should be noted chloroform is not detected in groundwater in the immediate vicinity of the Hayward Landfill. Private Wells PW-6 and PW-18 are located near each other on Ogren Road greater than 2,000 feet down gradient of the landfill. Beehive Botanicals and a former WDNR tree nursery are located between the landfill and PW-6 and PW-18.

The groundwater samples collected from PW-6 during the April 2018 monitoring events indicated no detections of VOC. During the September 2018 event, groundwater samples collected from PW-6 indicated a PAL exceedance for chloroform at a concentration of 1.8 µg/l. Chloroform has a PAL exceedance of 0.6 µg/l. Methylene chloride was detected as well during the September 2018 sampling event at a concentration of 0.24 µg/l. This detection is likely due to laboratory contamination and there is no historical detections of methylene chloride at any of the site's onsite or offsite monitoring wells.

The groundwater samples collected from PW-18 during the April and September 2018 monitoring events indicated PAL exceedances for chloroform at concentrations of 1.8 µg/l and 2.5 µg/l, respectively.

PW-18 has an activated carbon point of use treatment system installed on the potable water supply (sink) due to historic chloroform detections. To confirm sufficient treatment of the point of use system, a post-treatment VOC sample is also collected semi-annually. No VOC detections were observed in the April 2018 post-treatment sample and arrangements could not be made to collect a sample during the September sampling event. The residence has been recommended to change the filter every three months to prevent any VOC detections.

3 Recommended Activities

Methane readings in perimeter gas probes remain at non-detectable concentrations, and concentrations of VOCs in groundwater wells and private wells remain low and consistent with historic results since the active system was shut down in 2015.

During 2018, groundwater samples collected from MW-4 indicated one ES exceedance for vinyl chloride at 0.61 µg/l during the September sampling event. Vinyl chloride has been detected in groundwater collected from MW-4 above the laboratory detection limits in September of 2017 and 2018, however was below laboratory detection limits in the March 2017 and 2018 sampling events.

Based on the LFG monitoring and groundwater conditions both within and outside the DMZ, SEH recommends continuing to keep the LFG system off and to continue to monitor groundwater quality in accordance with the current approved schedule. As part of preparing annual landfill progress reports SEH will evaluate groundwater quality to assess whether contaminant concentrations in the groundwater rebound, warranting further action and possible restart of the LFG extraction system. SEH and the City of Hayward will continue to evaluate the existing site conditions for ways to increase remediation effectiveness and efficiency.

4 Conclusion

Based on site monitoring data, it appears that the historic operation of the remediation system has been effective in removing methane and VOCs from the landfill and limiting contaminant transport to the underlying groundwater. Based on current and historical data SEH recommends continuing to monitor the site at the current monitoring schedule as well as leaving the LFG system off and venting passively.

5 Standard of Care

The conclusions and recommendations contained in this report were arrived at in accordance with generally accepted professional engineering practice at this time and location. Other than this, no warranty is implied or intended.

MFR/JEG/BLK

Tables

Table 1 – Site Monitoring Schedule
Table 2 – Groundwater Elevation Table
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Table 1
Site and System Monitoring Schedule

Sample Location / Id number	Parameter/Number	Method	Sample Interval	Long Term
Gas Probes GP-1 (870), GP-2 (871), GP-3 (872), GP-10 (879), GP-11 (880),GP-12 (881)	Methane % Volume / 85547	GEM-2000 Meter	SA	March, September
	Carbon Dioxide % Volume / 85544	GEM-2000 Meter	SA	
	Oxygen % Volume/ 85550	GEM-2000 Meter	SA	
	Air Temperature/ 00021	Local Airport	SA	
	Barometric Pressure/ 00025	Local Airport	SA	
	Barometric Pressure trend/ 46381	Local Airport	SA	
Monitoring Wells MW-1 (801), PZ-1S (806), MW-2 (802), MW-4 (804), MW-5 (805), MW-6 (808), PZ-6S (809), MW-7 (811), PZ-7SR (902), PZ-7D (813), MW-9 (817), PZ-9S (818), PZ-10S (821), B-4 (826), B-5 (827), B-6 (828)	Water Elevation	Water Level Indicator	SA	March, September
	pH, Field/ 00400	pH/Temp/Conductance Meter	SA	
	Temperature, Field	pH/Temp/Conductance Meter	SA	
	Specific Conductance, Field/ 00094	pH/Temp/Conductance Meter	SA	
	Color/(2), Odor (1), Turbidity (3)	Visual Observation	SA	
	VOCs/ various numbers	EPA SW846 8260/8021	SA	
Private Wells				March, September
PW-6 (853), PW-15 (858), PW-18 (PRE)(861), PW-18 (POST) (NO ID)			SA	
	VOCs/ various numbers	VOC 524.2	SA	

Notes:

M = Monthly
Q = Quarterly
SA = Semi-Annual
A = Annual

Compiled by:MFR Checked by:BLK

Table 2
Groundwater Elevation Table

Well Number	Ground Surface Elevation (ft.)	Top of Casing Elevation (ft.)	Top of Screen Elevation (ft.)	Length of Screen (ft.)	Water Table Elevation (ft.)																	
					3/98	6/98	9/98	12/98	3/99	6/99	9/99	12/99	3/00	6/00	3/01	9/01	4/02	9/02	4/03	9/03	4/04	9/04
MW-1	1185.55	1187.91	1172.21	15	1166.98	1167.65	1166.78	1166.45	1166.56	1167.82	1168.87	1167.59	1166.82	1167.01	1166.34	1167.62	1166.71	1168.53	1166.85	1167.23	1187.91	1187.91
PZ-1S	1185.42	1187.85	1139.85	5	1165.66	1166.21	1165.45	1165.23	1165.33	1166.55	1167.63	1166.13	1165.53	1165.72	1165.15	1166.15	1165.43	1167.09	1165.57	1165.84	1187.85	1187.85
PZ-1D	1185.41	1187.93	1089.93	5	1165.86	1166.44	1165.65	1165.44	1165.52	1166.52	1167.52	1166.33	1165.74	1165.88	1165.55	1166.35	1165.61	1167.26	--	1166.02	1187.93	1187.93
MW-2	1197.53	1199.20	1163.4	15	1166.64	1167.29	1166.49	1166.21	1166.29	1167.48	1168.52	1167.11	1166.54	1166.71	1166.13	1167.26	1166.37	1168.24	1166.58	1166.91	1199.20	1199.20
MW-3	1198.45	1200.20	1179.7	15	1173.99	1175.08	1173.88	1173.32	1173.10	1175.17	1177.60	1175.19	1173.85	1174.25	1173.10	1174.91	1173.34	1176.62	1174.00	1174.50	1200.20	1200.20
MW-4	1187.14	1188.88	1172.78	15	1170.31	1170.92	1169.89	1169.59	1169.67	1170.84	1172.37	1170.91	1170.01	1170.13	1169.43	1170.78	1169.77	1172.32	1170.17	1170.29	1188.88	1188.88
MW-5	1178.46	1181.03	1174.03	15	1168.98	1169.20	1167.86	1167.59	1168.43	1169.33	1170.37	1169.08	1168.18	1168.26	1167.35	1168.84	1168.54	1170.30	1168.50	1168.30	1181.03	1181.03
MW-6	1183.00	1185.11	1173.01	10	1169.29	1169.90	1168.89	1168.58	1168.71	1169.83	1171.24	1169.89	1168.97	1169.10	1168.40	1169.75	1168.76	1170.84	1169.14	1169.27	1185.11	1185.11
PZ-6S	1182.00	1184.70	1136.4	5	1169.27	1169.87	1168.89	1168.58	1168.72	1169.82	1171.21	1169.89	1168.99	1168.91	1168.42	1169.76	1168.78	1170.83	1169.17	1169.30	1184.70	1184.70
PZ-6D	1182.00	1184.65	1087.05	5	1168.78	1169.41	1168.49	1168.21	1168.29	1169.40	1170.65	1167.61	1168.58	1168.72	1168.06	1169.32	1168.37	1170.28	--	1168.88	1184.65	1184.65
MW-7	1197.00	1199.70	1166.6	10	1164.18	1164.71	1163.98	1163.78	1163.90	1164.95	1165.65	1164.59	1164.08	1164.25	1163.73	1164.61	1163.97	1165.49	1164.09	1164.33	1199.70	1199.70
PZ-7S*	1197.00	1199.67	1141.17	5	1164.11	1164.63	1163.90	1163.72	1163.82	1164.86	--	--	--	--	--	--	--	--	--	--	1199.67	1199.67
PZ-7SR*	1197.00	1199.65	1143	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1199.65	1199.65
PZ-7D	1197.00	1199.48	1101.48	5	1164.01	1164.50	1163.79	1163.63	1163.71	1164.72	1165.42	1164.37	1163.88	1164.06	1163.57	1164.40	1163.78	1165.30	--	1164.15	1199.48	1199.48
MW-8	1187.00	1189.34	1166.19	10	1164.28	1164.77	1164.08	1163.91	1164.04	1165.05	1165.67	1164.51	1164.15	1164.31	1163.86	1164.67	1164.09	1165.64	1164.16	1164.42	1189.34	1189.34
PZ-8S	1187.00	1189.27	1140.77	5	1164.22	1164.72	1164.04	1163.86	1164.00	1165.01	1165.64	1164.48	1164.12	1164.29	1163.82	1164.64	1164.05	1165.60	1164.12	1164.38	1189.27	1189.27
PZ-8D	1187.00	1189.30	1090.8	5	1163.97	1164.39	1163.72	1163.64	1163.75	1164.64	1165.23	1164.15	1163.85	1164.00	1163.58	1164.31	1163.77	1165.19	--	1164.05	1189.30	1189.30
MW-9	1187.00	1189.06	1165.06	10	1161.61	1162.01	1161.37	1161.27	1161.35	1162.26	1162.77	1161.87	1161.49	1161.64	1161.23	1161.87	1161.39	1162.68	1161.48	1161.65	1189.06	1189.06
PZ-9S	1187.00	1189.25	1169.06	5	1163.90	1161.25	1160.62	1160.57	1160.63	1161.47	1161.94	1161.12	1160.77	1160.90	1160.54	1161.09	1160.68	1161.83	1160.77	1160.89	1189.25	1189.25
PZ-9D	1187.00	1189.48	1140.75	5	1160.83	1161.13	1160.54	1160.53	1160.56	1161.33	1161.80	1161.04	1160.69	1160.80	1160.43	1161.00	1160.57	1161.71	--	1160.75	1189.48	1189.48
MW-10	1177.00	1180.05	1090.98	10	1157.79	1157.88	1157.41	1157.51	1157.61	1158.09	1158.30	1157.70	1157.67	1157.67	1157.46	1157.72	1157.61	1158.31	1157.62	1157.54	1180.05	1180.05
PZ-10S	1177.00	1179.92	1161.25	5	1158.19	1158.30	1157.81	1158.13	1158.21	1158.77	1159.03	1158.48	1158.28	1158.31	1158.09	1158.39	1158.23	1158.01	1158.25	1158.20	1179.92	1179.92
PZ-10D	1177.00	1179.41	1081.61	5	1157.89	1157.91	1157.50	1157.78	1157.80	1158.19	1158.23	1157.76	1157.84	1157.78	1157.66	1157.76	1157.77	1158.21	--	1157.62	1179.41	1179.41
B-1	1198.30	1200.63	1178.13	4	--	1174.89	--	--	--	1174.07	1177.67	1175.24	1173.96	--	--	1174.94	1174.25	--	--	--	1200.63	1200.63
B-2	1200.18	1203.03	1179.03	4	1173.27	1174.37	1173.62	1173.07	1172.91	1174.60	1176.94	1175.39	1174.03	1174.28	1173.60	1175.52	1174.76	1176.53	1174.69	1174.25	1203.03	1203.03
B-3*	1197.49	1200.19	1175.69	4	1170.97	1171.61	1170.91	1170.49	1170.47	1171.55	1173.37	1171.86	1170.95	1171.05	1170.46	1171.76	1170.69	--	1171.69	1171.97	1200.19	1200.19
B-3R*	1197.4	1199.9	1174.5	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1199.90	1199.90
B-4	1189.26	1192.74	1172.24	4	1168.74	1169.32	1168.43	1168.08	1168.19	1168.94	1170.77	1167.94	1168.27	1168.62	1167.94	1169.27	1168.26	1170.34	1168.58	1168.84	1192.74	1192.74
B-5	1192.99	1195.98	1171.98	4	1168.38	1169.00	1168.20	1167.87	1167.94	1169.15	1170.45	1169.08	1168.25	1168.40	1167.77	1169.04	1168.30	1170.02	1168.38	1168.66	1195.98	1195.98
B-6	1189.22	1192.46	1171.56	4	1168.05	1168.63	1167.76	1167.43	1167.55	1168.72	1169.95	1168.68	1167.81	1167.96	1167.29	1168.59	1167.93	1169.59	1167.89	1168.20	1192.46	1192.46
Average Monitoring Well Elevation					1166.41	1166.94	1166.06	1165.82	1165.97	1167.08	1168.14	1166.84	1166.18	1166.33	1165.70	1166.80	1166.06	1167.90	1166.26	1166.44	1190.05	1190.05

Note: Elevations are in reference to site data

*= PZ-7S was abandoned on September 22, 2002. Replacement well PZ-7SR was constructed on October 10, 2003. B-1 and B-3 was abandoned on May 27, 2005. Replacement well B-3R was constructed on May 27, 2005.

-- = Not available

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Table 2
Groundwater Elevation Table

Well Number	Ground Surface Elevation (ft.)	Top of Casing Elevation (ft.)	Top of Screen Elevation (ft.)	Length of Screen (ft.)	Water Table Elevation (ft.)															
					3/05	9/05	4/06	9/06	4/07	9/07	4/08	9/08	4/09	10/09	4/10	9/10	4/11	9/11	4/12	9/12
MW-1	1185.55	1187.91	1172.21	15	1166.77	1165.47	1166.96	1166.57	1166.50	1166.33	1166.75	1166.97	1166.84	1166.12	1166.84	1166.84	1166.12	1167.39	1167.01	1167.58
PZ-1S	1185.42	1187.85	1139.85	5	1165.37	1165.21	1165.65	1165.34	1165.25	1165.23	1165.35	1165.65	1165.51	1164.95	1165.51	1165.51	1164.95	1165.95	1165.73	1166.09
PZ-1D	1185.41	1187.93	1089.93	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	1197.53	1199.20	1163.4	15	1166.38	1166.09	1166.61	1166.35	1166.20	1166.05	1167.01	1166.68	1166.49	1165.90	1166.49	1166.49	1165.90	1166.96	1166.73	1167.18
MW-3	1198.45	1200.20	1179.7	15	1172.99	1173.02	1173.46	1173.30	1172.84	1172.99	1173.35	1174.22	1173.53	1172.77	1173.53	1173.53	1172.77	1174.20	1174.57	1175.14
MW-4	1187.14	1188.88	1172.78	15	1188.88	1169.40	1170.06	1169.49	1169.50	1169.14	1169.81	1170.08	1169.93	1169.02	1169.93	1169.93	1169.02	1170.85	1170.45	1170.71
MW-5	1178.46	1181.03	1174.03	15	1167.84	1167.42	1169.18	1167.46	1167.82	1167.05	1170.18	1167.99	1168.14	1166.98	1168.14	1168.14	1166.98	1181.03	1168.60	1168.70
MW-6	1183.00	1185.11	1173.01	10	1168.60	1168.43	1169.13	1168.51	1168.45	1168.11	1168.80	1169.14	1168.92	1168.12	1168.92	1168.92	1168.12	1169.74	1169.26	1169.66
PZ-6S	1182.00	1184.70	1136.4	5	1168.69	1168.45	1169.18	1168.53	1168.49	1168.14	1168.91	1169.06	1168.93	1168.09	1168.93	1168.93	1168.09	1169.72	1169.29	1169.67
PZ-6D	1182.00	1184.65	1087.05	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1197.00	1199.70	1166.6	10	1163.93	1163.76	1164.20	1163.90	1163.85	1163.76	1163.85	1164.12	1164.05	1163.52	1164.05	1164.05	1163.52	1164.43	1164.21	1164.51
PZ-7S*	1197.00	1199.67	1141.17	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PZ-7SR*	1197.00	1199.65	1143	5	1164.05	1163.92	1164.35	1164.05	1164.01	1163.91	1164.03	1164.27	1164.20	1163.66	1164.20	1164.20	1163.66	1164.57	1164.37	1164.66
PZ-7D	1197.00	1199.48	1101.48	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	1187.00	1189.34	1166.19	10	1164.05	1164.89	1164.41	1163.99	1163.93	1163.83	1164.01	1164.24	1164.16	1163.65	1164.16	1164.16	1163.65	1164.54	1164.29	1164.56
PZ-8S	1187.00	1189.27	1140.77	5	1164.02	1163.85	1164.36	1163.95	1163.90	1163.79	1163.98	1164.20	1164.08	1163.60	1164.09	1164.09	1163.60	1164.50	1164.25	1164.51
PZ-8D	1187.00	1189.30	1090.8	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1187.00	1189.06	1165.06	10	1161.35	1161.22	1161.63	1161.31	1161.36	1161.19	1161.32	1161.48	1161.50	1160.98	1161.50	1161.50	1160.98	1161.80	1161.61	1161.74
PZ-9S	1187.00	1189.25	1169.06	5	1160.31	1160.49	1160.89	1160.59	1160.69	1160.50	1160.39	1160.74	1160.79	1160.27	1160.79	1160.79	1160.27	1161.07	1160.91	1160.96
PZ-9D	1187.00	1189.48	1140.75	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	1177.00	1180.05	1090.98	10	1157.60	1157.30	1157.90	1157.39	1157.65	1157.42	1156.51	1157.46	1157.67	1157.15	1157.67	1157.67	1157.15	1157.94	1157.76	1157.60
PZ-10S	1177.00	1179.92	1161.25	5	1158.11	1157.95	1158.52	1158.03	1158.25	1158.10	1158.16	1158.11	1158.26	1157.78	1158.26	1158.26	1157.78	1158.57	1158.37	1158.26
PZ-10D	1177.00	1179.41	1081.61	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-1	1198.30	1200.63	1178.13	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-2	1200.18	1203.03	1179.03	4	1174.21	1174.42	1174.52	1174.38	1176.89	1174.15	1174.52	1175.32	1174.65	1173.89	1174.65	1174.65	1173.89	1175.47	--	--
B-3*	1197.49	1200.19	1175.69	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-3R*	1197.4	1199.9	1174.5	10	1199.90	1170.37	1170.70	1170.45	1170.19	1170.05	1170.59	1171.04	1170.70	1170.01	1165.05	1165.05	1170.01	1171.25	1171.02	1171.66
B-4	1189.26	1192.74	1172.24	4	1192.74	1167.97	1168.68	1168.07	1167.93	1167.63	1167.34	1168.57	1168.39	1167.59	1168.39	1168.39	1167.59	1169.19	1168.72	1165.77
B-5	1192.99	1195.98	1171.98	4	1173.93	1168.10	1168.33	1167.95	1167.82	1167.66	1168.03	1168.13	1168.21	1167.51	1168.21	1168.21	1167.51	1168.81	1168.49	1165.90
B-6	1189.22	1192.46	1171.56	4	1167.63	1167.35	1168.04	1167.46	1167.39	1167.05	1167.73	1167.93	1167.75	1167.00	1167.75	1167.75	1167.00	1168.56	1168.07	1168.59
Average Monitoring Well Elevation					1167.84	1165.70	1166.35	1165.83	1165.81	1165.59	1166.16	1166.24	1166.12	1165.42	1166.12	1166.12	1165.42	1167.89	1166.45	1166.74

Note: Elevations are in reference to site data

*= PZ-7S was abandoned on September 22, 2002. Replacement well PZ-7SR was constructed on October 10, 2003. B-1 and B-3 was abandoned on May 27, 2005. Replacement well B-3R was constructed on May 27, 2005.

-- = Not available

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Table 2
Groundwater Elevation Table

Well Number	Ground Surface Elevation (ft.)	Top of Casing Elevation (ft.)	Top of Screen Elevation (ft.)	Length of Screen (ft.)	Water Table Elevation (ft.)												
					3/13	10/13	4/14	11/14	5/15	10/15	12/15	4/16	9/16	3/17	9/17	4/18	9/18
MW-1	1185.55	1187.91	1172.21	15	1187.91	1187.91	1166.22	1169.67	1167.72	1168.03	--	1168.49	1169.66	1167.87	1168.05	1167.96	1169.23
PZ-1S	1185.42	1187.85	1139.85	5	1187.85	1187.85	1165.03	1167.99	1166.25	1166.51	--	1167.01	1164.79	1166.40	1167.15	1166.40	1167.69
PZ-1D	1185.41	1187.93	1089.93	5	--	1187.93	--	1168.21	--	--	--	--	--	--	--	--	--
MW-2	1197.53	1199.20	1163.4	15	1199.20	1199.20	1165.83	1169.24	1167.32	1167.46	--	1164.68	1170.06	1167.55	1170.03	1167.38	1168.92
MW-3	1198.45	1200.20	1179.7	15	1200.20	1200.20	1173.03	1178.38	--	--	--	--	--	--	--	--	--
MW-4	1187.14	1188.88	1172.78	15	1188.88	1188.88	1169.30	1174.18	1171.52	1171.45	--	--	1174.06	1173.45	1173.04	1172.14	1173.26
MW-5	1178.46	1181.03	1174.03	15	1181.03	1181.03	1166.16	1172.06	1169.94	1169.62	--	1170.82	1172.03	1168.58	1171.19	1170.66	1171.36
MW-6	1183.00	1185.11	1173.01	10	1185.11	1185.11	1168.19	1173.34	1170.32	1170.24	--	1171.39	1173.28	1170.60	1171.81	1170.82	1172.41
PZ-6S	1182.00	1184.70	1136.4	5	1184.70	1184.70	1168.13	1172.92	1170.27	1170.18	--	1171.25	1172.91	1170.54	1171.66	1170.72	1172.11
PZ-6D	1182.00	1184.65	1087.05	5	--	1184.65		1172.05	--	--	--	--	--	--	--	--	--
MW-7	1197.00	1199.70	1166.6	10	1199.70	1199.70	1163.56	1166.13	1164.69	1164.90	--	1165.49	1166.26	1165.25	1165.89	1164.75	1165.97
PZ-7S*	1197.00	1199.67	1141.17	5	--	--	--	1166.30	--	1165.04	--	--	--	--	--	--	1166.10
PZ-7SR*	1197.00	1199.65	1143	5	1199.65	1199.65	1163.83	1165.90	1164.72	1164.69	--	1165.58	1166.45	1164.93	1165.70	1164.84	1162.77
PZ-7D	1197.00	1199.48	1101.48	5	--	1199.48	--	1166.03	--	--	--	1163.68	1164.87	1163.72	1164.38	1163.23	1162.77
MW-8	1187.00	1189.34	1166.19	10	1189.34	1189.34	1163.20	1165.99	--	--	--	--	--	--	--	--	--
PZ-8S	1187.00	1189.27	1140.77	5	1189.27	1189.27	1160.57	1165.51	--	--	--	--	--	--	--	--	--
PZ-8D	1187.00	1189.30	1090.8	5	--	1189.30	--	1163.08	--	11.62.11	--	--	--	--	--	--	--
MW-9	1187.00	1189.06	1165.06	10	1189.06	1189.06	1160.97	1162.21	1161.94	1161.33	--	1162.72	1163.19	1162.92	1162.85	1161.87	1162.96
PZ-9S	1187.00	1189.25	1169.06	5	1189.25	1189.25	1161.15	1162.05	1161.17	--	--	1161.95	1162.36	1161.35	1162.08	1161.31	1162.12
PZ-9D	1187.00	1189.48	1140.75	5	--	1189.48	--	1162.05	--	1158.63	--	--	--	--	--	--	--
MW-10	1177.00	1180.05	1090.98	10	1180.05	1180.05	1157.34	1158.37	--	--	--	--	--	--	--	--	--
PZ-10S	1177.00	1179.92	1161.25	5	1179.92	1179.92	1157.88	1159.14	1157.43	--	--	1159.07	1154.28	1158.65	1159.21	1158.81	1159.22
PZ-10D	1177.00	1179.41	1081.61	5	--	1179.41	--	1158.25	--	--	--	--	--	--	--	--	--
B-1	1198.30	1200.63	1178.13	4	--	--	--	--	--	--	--	--	--	--	--	--	--
B-2	1200.18	1203.03	1179.03	4	--	1203.03	--	--	--	--	--	--	--	--	--	--	--
B-3*	1197.49	1200.19	1175.69	4	--	--	--	--	--	--	--	--	--	--	--	--	--
B-3R*	1197.4	1199.9	1174.5	10	1199.90	1199.90	1170.29	1174.70	--	--	--	--	--	--	--	--	--
B-4	1189.26	1192.74	1172.24	4	1192.74	1192.74	1168.35	1172.24	--	1169.80	1169.93	1170.49	1172.34	1169.79	1190.94	1170.02	1171.45
B-5	1192.99	1195.98	1171.98	4	1195.98	1195.98	1167.61	1171.52	--	1169.49	1169.61	1170.36	1171.56	1169.48	1170.75	1169.39	1170.95
B-6	1189.22	1192.46	1171.56	4	1192.46	1192.46	1166.99	1171.14	--	1169.10	1169.18	1169.80	1171.06	1169.15	1170.26	1169.46	1170.51
Average Monitoring Well Elevation					1190.05	1190.05	1165.38	1168.96	--	1167.58	--	1167.27	1169.79	1168.03	1168.98	1167.94	1169.16

Note: Elevations are in reference to site data
*= PZ-7S was abandoned on September 22, 2002. Replacement well PZ-7SR was constructed on October 10, 2003. B-1 and B-3 was abandoned on May 27, 2005. Replacement well B-3R was constructed on May 27, 2005.
-- = Not available
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Table 3
Gas Probe Monitoring Results

		Gas Probe Monitoring Parameters				
		Well Head Pressure (H2O)	Barometric pressure	% Methane	% Carbon Dioxide	% Oxygen
GP-1	4/18	0.00	29.92	0.0	3.0	18.0
	9/18	-0.01	28.80	0.0	2.3	18.3
GP-2	4/18	0.04	29.92	0.0	0.4	20.5
	9/18	-0.01	28.80	0.0	2.9	18.7
GP-3	4/18	0.00	29.92	0.0	1.1	19.8
	9/18	0.00	28.80	0.0	3.1	19.2
GP-10	4/18	0.08	29.92	0.0	3.6	17.5
	9/18	-0.01	28.80	0.0	2.1	18.1
GP-11	4/18	0.01	29.92	0.0	2.0	18.9
	9/18	0.00	28.80	0.0	5.4	19.2
GP-12	4/18	0.00	29.92	0.0	2.2	18.6
	9/18	0.00	28.80	0.0	2.6	18.5

--= not sampled
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Table 4
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																	
			MW-1																	
	ES	PAL	6/94	5/95	7/95	6/96	6/97	9/97	12/97	3/98	6/98	9/98	12/98	3/99	6/99	9/99	12/99	3/00	6/00	3/01	9/01
VOCs[1] (µg/l)																					
Benzene	5.0	0.5	BDL	0.27	0.18	0.38	BDL	0.31	0.35	0.35	0.33	0.69	0.35	0.23	0.78	0.28	BDL	0.16	0.33	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	0.048	BDL	0.076	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.21	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	0.075	0.041	0.15	BDL	BDL	0.51	0.19	BDL	BDL	BDL	BDL	0.66	0.73	0.24	BDL	0.39	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	0.038	BDL	0.043	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.42	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	0.051	BDL	0.1	BDL	BDL	BDL	0.25	0.25	BDL	BDL	BDL	BDL	BDL	0.2	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	1.3	BDL	BDL	0.8	0.63	0.58	0.8	BDL	BDL	0.64	0.47	BDL	0.25	BDL	0.152	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	BDL	0.07	0.068	BDL	BDL	1.9	3.7	3.3	3.4	3.1	3.6	BDL	4.3	2.9	BDL	BDL	BDL	BDL	2.12
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	0.047	BDL	0.062	BDL	BDL	BDL	0.67	BDL	BDL	BDL	BDL	0.52	0.75	0.56	0.44	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	0.96	1.0	1.8	2.1	1.6	1.3	1.3	1.3	1.3	BDL	1.4	1.3	1.5	1.2	1.4	1.3	0.595	0.665
Dichlorodifluoromethane	1000	200	BDL	0.33	0.74	0.85	35.2	10	6.0	7.8	11	10	BDL	0.18	2.1	BDL	0.42	0.69	BDL	1.33	5.33
1,1-Dichloroethane	850	85	BDL	0.16	0.092	0.16	BDL	0.35	0.29	BDL	0.32	0.34	BDL	BDL	BDL	0.21	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	5.0	4.7	3.6	5.8	8.0	3.8	3.3	3.6	3.8	3.3	3.9	2.4	2.9	3.1	2.5	2.2	1.7	0.921	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	0.027	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	0.084	0.076	0.12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.14	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	0.18	0.14	0.28	BDL	0.23	0.43	0.4	0.34	0.2	BDL	0.17	0.21	0.54	0.28	0.24	0.33	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.5	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	0.082	0.055	0.067	BDL	BDL	BDL	BDL	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	1.0	BDL	BDL	0.11	BDL	BDL	0.47	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.22	0.30	BDL	BDL	0.32	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	0.27	0.78	0.13	BDL	BDL	0.24	0.38	BDL	BDL	0.33	BDL	BDL	0.13	0.26	0.42	0.52	BDL	0.267
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	0.043	0.092	0.096	BDL	BDL	BDL	BDL	BDL	0.38	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.14	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	0.036	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.35	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	0.34	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	0.081	0.06	0.078	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.2	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	0.19	0.27	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.229	BDL
Vinyl Chloride	0.2	0.02	BDL	**0.41**	**0.35**	**0.64**	BDL	**0.93**	**0.32**	**0.28**	**0.78**	**0.43**	BDL	BDL	**0.66**	**0.5**	BDL	0.19	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	0.07	0.143	0.39	BDL	BDL	BDL	BDL	BDL	0.32	BDL	BDL	BDL	0.29	BDL	BDL	0.42	BDL	BDL
Total VOCs	NSE	NSE	7.0	8.159	7.687	12.7	45.3	19.12	18.05	19.15	22.54	20.86	8.18	4.38	15.21	12.4	5.8	5.99	6.51	3.227	8.382

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date MW-1																			
	ES	PAL	4/02	9/02	4/03	9/03	4/04	9/04	3/05	9/05	4/06	9/06	4/07	9/07	4/08	9/08	4/09	10/09	4/10	9/10	4/11	9/11
VOCs[1] (µg/l)																						
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	3.21	2.82	1.12	1.6	BDL	0.607	0.41	BDL	BDL	BDL	BDL	BDL	0.55	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	0.751	0.352	BDL	0.398	BDL	BDL	BDL	BDL	0.67	0.45	0.46	0.49	0.53	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	1.66	5.2	4.58	2.81	1.13	1.56	2.54	0.997	BDL	BDL	0.58	BDL	1.4	0.59	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	0.575	1.5	1.34	3.56	2.35	1.31	1.5	BDL	0.92	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.3*	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	0.323	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	0.524	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	**0.278**	BDL	**0.205**	**0.419**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	6.196	9.872	7.887	8.646	3.480	3.682	4.869	0.997	1.590	0.450	1.040	0.490	2.480	0.590	BDL	BDL	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date													
			MW-1													
	ES	PAL	5/12	9/12	3/13	10/13	4/14	11/14	5/15	10/15	4/16	9/16	3/17	9/17	4/18	9/18
VOCs[1] (µg/l)																
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Chloromethane	30	3.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.4	1.5	<0.36	<0.36	<0.36	2.5	4.4
Dichlorodifluoromethane	1000	200	1.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Trichloroethene	5.0	0.5	0.69	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.20	<0.20	**0.54**	**0.26**	<0.20	<0.20
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
Total VOCs	NSE	NSE	1.890	BDL	BDL	BDL	BDL	BDL	BDL	2.400	1.500	BDL	0.540	0.260	2.500	4.400

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																			
			PZ-1S																			
	ES	PAL	5/95	7/95	6/96	6/97	9/97	12/97	3/98	6/98	9/98	12/98	3/99	6/99	9/99	12/99	3/00	6/00	3/01	9/01	4/02	9/02
VOCs[1] (µg/l)																						
Benzene	5.0	0.5	0.064	0.13	0.78	0.9	0.64	0.94	0.92	0.87	1.4	1.1	0.91	1.5	0.98	0.53	0.92	1.1	0.851	0.895	1.02	0.75
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	0.51	0.25	0.23	0.46	BDL	BDL	0.8	0.65	0.28	BDL	BDL	BDL	BDL	--	--
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.67	BDL	BDL	BDL	BDL	BDL	BDL	--	--
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.13	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	2.7	1.8	0.84	1.6	1.3	1.8	1.7	BDL	BDL	1.6	1.4	1.3	1.2	0.85	0.573	0.848	BDL	0.668
Chloroform	6.0	0.6	0.037	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	0.12	0.12	BDL	BDL	2.7	3.2	2.5	2.8	3.0	3.3	BDL	4.8	3.3	BDL	BDL	1.8	BDL	6.25	7.41	5.46
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.38	BDL	0.30	0.20	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	0.4	0.31	0.21	0.24	0.34	BDL	BDL	0.45	0.39	0.29	0.21	0.42	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	20.6	11	6.4	7.2	13	15	BDL	BDL	2.8	BDL	BDL	BDL	BDL	BDL	11	7.34	12
1,1-Dichloroethane	850	85	0.093	0.29	0.57	BDL	BDL	0.22	BDL	0.64	0.54	BDL	0.4	0.31	0.43	BDL	0.36	0.24	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	0.033	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	0.23	0.83	1.9	3.7	2.6	1.8	1.3	1.9	1.7	1.8	0.71	0.89	0.88	1.5	1.0	0.73	BDL	0.982	0.441	0.753
trans-1,2-Dichloroethylene	100	20	BDL	BDL	0.029	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	0.046	0.074	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	0.027	0.034	0.27	BDL	BDL	0.31	0.25	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	0.047	0.06	0.083	BDL	BDL	BDL	BDL	0.34	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	0.076	0.075	0.1	BDL	BDL	0.5	1.2	1.2	1.2	BDL	0.32	0.83	0.42	0.39	BDL	0.71	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.37	BDL	BDL	--	--
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	0.067	0.1	0.05	BDL	BDL	BDL	0.26	BDL	0.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.15	BDL	BDL	BDL	BDL	--	--
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	0.053	0.035	0.11	BDL	0.45	0.54	0.4	0.36	0.49	BDL	BDL	0.64	0.52	0.2	BDL	BDL	BDL	BDL	--	--
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	0.29	0.35	0.28	0.24	BDL	BDL	BDL	0.24	0.27	BDL	BDL	BDL	BDL	BDL	--	--
Trichloroethene	5.0	0.5	0.027	0.061	0.13	BDL	BDL	0.35	0.18	0.2	0.59	BDL	BDL	0.16	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	0.048	0.13	**0.38**	BDL	**1.5**	**0.3**	**0.24**	**0.79**	**0.51**	**0.39**	BDL	**0.59**	**0.44**	BDL	**0.35**	BDL	BDL	BDL	**2.0**	**1.42**
Total Xylenes	10000	1000	0.164	0.172	1.0	BDL	1.46	1.81	1.84	1.77	2.43	1.5	BDL	1.5	1.28	0.82	0.44	0.80	0.439	0.658	BDL	BDL
Total VOCs	NSE	NSE	1.053	2.116	8.176	27.0	21.88	19.14	18.33	26.38	29.76	8.09	2.34	18.16	10.96	5.89	4.68	7.02	1.863	20.63	18.221	21.051

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																		
			PZ-1S																		
	ES	PAL	4/03	9/03	4/04	9/04	3/05	9/05	4/06	9/06	4/07	9/07	4/08	9/08	4/09	10/09	4/10	9/10	4/11	9/11	5/12	9/12
VOCs[1] (µg/l)																						
Benzene	5.0	0.5	0.644	0.497	0.403	0.41	0.353	0.326	0.37	BDL	0.24	0.43	0.31	0.24	0.23	0.27	0.20	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	0.548	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	2.66	2.96	2.25	0.926	0.624	0.57	BDL	BDL	BDL	BDL	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	0.22	0.22	BDL	0.35	0.26	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	9.95	2.08	2.05	1.3	1.77	1.34	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	0.411	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	0.375	0.483	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	--	--	--	--	--	--	--	3.2*	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.34	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.37	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	**1.0**	**0.688**	BDL	**0.505**	**0.326**	**0.451**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	14.620	7.667	4.703	3.141	3.073	2.687	0.590	0.220	0.24	1.49	1.07	0.24	0.23	0.27	0.20	BDL	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date											
			PZ-1S											
	ES	PAL	3/13	10/13	4/14	11/14	5/15	10/15	4/16	9/16	3/17	9/17	4/18	9/18
VOCs[1] (µg/l)														
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Chloromethane	30	3.0	BDL	BDL	BDL	BDL	BDL	BDL	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
Total VOCs	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																			
			PZ-1D																			
	ES	PAL	5/95	7/95	6/96	6/97	6/98	6/99	6/00	9/01	9/02	9/03	9/04	9/05	9/06	9/07	9/08	10/09	9/10	9/11	9/12	10/13	11/14
VOCs[1] (µg/l)																							
Benzene	5.0	0.5	0.16	0.023	0.022	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	0.043	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	0.089	0.086	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	0.25	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	0.049	0.033	0.028	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	0.027	0.025	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.8*	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	0.072	0.077	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	0.31	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	0.069	0.11	0.055	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	0.35	0.082	0.15	BDL	0.25	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.23	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	0.035	0.041	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	0.141	0.07	0.12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	1.035	0.547	0.375	BDL	0.25	0.25	0.31	BDL	BDL	BDL	BDL	BDL	BDL	0.23	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date MW-2																	
	ES	PAL	6/94	5/95	7/95	6/96	6/97	9/97	12/97	3/98	6/98	9/98	12/98	3/99	6/99	9/99	12/99	3/00	6/00	3/01	9/01
VOCs[1] (µg/l)																					
Benzene	5.0	0.5	BDL	0.027	0.074	0.024	BDL	0.24	0.18	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.33	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	BDL	0.058	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.38	0.35	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	0.42	0.21	0.22	0.2	BDL	BDL	BDL	0.25	0.27	0.12	BDL	0.26	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	0.23	0.24	0.31	10.1	BDL	BDL	BDL	0.34	0.64	BDL	BDL	0.59	0.44	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	0.05	0.15	0.062	BDL	BDL	0.41	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	BDL	0.045	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	2.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.32	BDL	BDL	BDL	BDL	BDL	BDL	1.3	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	0.046	0.058	0.064	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	0.065	0.052	0.04	BDL	BDL	BDL	BDL	BDL	0.41	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.34	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	0.27	BDL	BDL	BDL	BDL	BDL	0.24	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	0.026	0.032	0.04	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	0.092	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	0.11	BDL	BDL	BDL	**0.52**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	0.093	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	2.0	0.797	0.651	0.54	10.1	1.18	1.07	0.22	0.54	2.05	0.35	BDL	1.08	1.05	0.45	BDL	1.56	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																			
			MW-2																			
	ES	PAL	4/02	9/02	4/03	9/03	4/04	9/04	3/05	9/05	4/06	9/06	4/07	9/07	4/08	9/08	4/09	10/09	4/10	9/10	4/11	9/11
VOCs[1] (µg/l)																						
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.66	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	0.547	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3*	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.32	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.55	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	0.547	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.320	BDL	0.55	0.66	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date MW-2												
	ES	PAL	5/12	9/12	3/13	10/13	4/14	11/14	5/15	10/15	9/16	3/17	9/17	4/18	9/18
VOCs[1] (µg/l)															
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.48	<0.48	<0.48	<0.48	<0.48
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.80	<0.80	<0.80	<0.80	<0.80
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.51	<0.51	<0.51	<0.51	<0.51
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37
Chloromethane	30	3.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.32	<0.32	<0.32	<0.32	<0.32
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.31	<0.31	<0.31	<0.31	<0.31
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.33	<0.33	<0.33	<0.33	<0.33
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.67	<0.67	<0.67	<0.67	<0.67
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.35	<0.35	<0.35	<0.35	<0.35
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.44	<0.44	<0.44	<0.44	<0.44
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.18	<0.18	<0.18	<0.18	<0.18
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<1.6	<1.6	<1.6	<1.6	<1.6
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	BDL	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	BDL	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.8	0.75	<0.15	<0.15	<0.15
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.38	<0.38	<0.38	<0.38	<0.38
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.25	<0.25	<0.25	<0.25	<0.25
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.16	<0.16	<0.16	<0.16	<0.16
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.20	<0.20	<0.20	<0.20	<0.20
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	0.65	BDL	<0.22	<0.22	<0.22	<0.22	<0.22
Total VOCs	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	0.65	BDL	0.80	0.75	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date MW-3																			
	ES	PAL	6/94	5/95	7/95	6/96	6/97	6/98	6/99	6/00	3/01	9/01	4/02	9/02	4/03	9/03	4/04	9/04	3/05	9/05	4/06	9/06
VOCs[1] (µg/l)																						
Benzene	5.0	0.5	BDL	BDL	0.022	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	0.55	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	BDL	0.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	0.19	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	0.23	0.024	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.8*
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.26	BDL	BDL	--	--	--	--	--	--	--	--	--	--
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	0.31	0.028	0.04	BDL	BDL	BDL	0.19	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	0.4	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	0.2	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	BDL	0.62	0.074	0.04	BDL	BDL	1.34	0.89	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date															
			MW-3															
	ES	PAL	4/07	9/07	4/08	9/08	4/09	10/09	4/10	9/10	4/11	9/11	5/12	9/12	3/13	10/13	4/14	11/14
VOCs[1] (µg/l)																		
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	BDL	BDL	0.55	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	BDL	BDL	0.55	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date MW-4																	
	ES	PAL	6/94	5/95	7/95	6/96	6/97	9/97	12/97	3/98	6/98	9/98	12/98	3/99	6/99	9/99	12/99	3/00	6/00	3/01	9/01
VOCs[1] (µg/l)																					
Benzene	5.0	0.5	3.0	0.2	1.9	1.8	BDL	2.7	2.7	2.5	2.0	2.5	2.3	2.4	2.6	1.1	0.82	1.3	1.4	1.16	0.968
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	1.5	1.4	1.2	0.95	0.95	BDL	BDL	0.84	0.22	BDL	0.33	0.72	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	0.058	0.051	BDL	1.3	1.6	1.1	0.68	1.0	BDL	BDL	1.3	0.78	0.50	BDL	0.43	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	0.076	BDL	BDL	0.64	BDL	0.6	BDL	BDL	BDL	0.63	0.29	BDL	BDL	0.39	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	0.18	0.21	BDL	BDL	0.78	0.69	0.59	0.74	BDL	BDL	1.2	0.56	0.66	0.61	0.77	0.386	0.45
Chloroethane	400	80	BDL	BDL	2.0	1.5	BDL	2.3	3.4	2.6	2.4	2.4	BDL	3.1	2.5	1.1	0.80	1.0	0.84	0.846	0.309
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	BDL	0.091	0.05	BDL	BDL	2.0	4.5	3.0	3.0	0.67	3.3	BDL	6.1	1.6	BDL	BDL	1.7	BDL	2.24
2-Chlorotoluene	NSE	NSE	BDL	BDL	0.27	0.38	BDL	0.44	0.44	0.35	0.25	1.7	BDL	BDL	0.24	0.26	0.14	BDL	1.1	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	0.035	0.34	0.3	BDL	2.3	2.2	1.9	1.5	1.7	BDL	BDL	2.0	0.85	1.1	1.3	1.4	0.164	BDL
1,4-Dichlorobenzene	75	15	BDL	0.39	2.8	2.4	BDL	5.5	5.3	4.7	3.9	5.1	BDL	4.6	4.6	1.9	2.8	3.7	3.6	1.81	2.58
Dichlorodifluoromethane	1000	200	BDL	0.22	0.48	0.55	BDL	13	8.9	9.8	15	14	BDL	1.2	2.5	BDL	BDL	BDL	BDL	BDL	5.8
1,1-Dichloroethane	850	85	BDL	0.12	0.53	0.4	BDL	0.64	1.1	0.6	1.1	1.0	BDL	BDL	1.1	BDL	0.27	0.88	0.87	0.814	0.724
1,2-Dichloroethane	5.0	0.5	BDL	BDL	0.045	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	46	4.2	23	12	BDL	2.2	5.4	8.8	11	7.0	9.2	8.6	7.8	2.4	4.5	3.8	4.4	8.9	4.86
trans-1,2-Dichloroethylene	100	20	BDL	BDL	0.047	0.03	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	0.091	0.11	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	16	0.38	5.1	8.0	BDL	12	8.5	3.2	3.8	6.9	BDL	7.1	8.3	2.8	2.1	1.4	2.9	1.04	0.547
Isopropylbenzene	NSE	NSE	3.0	0.19	1.8	1.5	BDL	1.9	2.1	1.5	1.1	1.3	BDL	1.2	1.4	0.57	0.58	0.48	0.71	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	0.072	0.1	BDL	1.0	2.7	BDL	BDL	0.97	BDL	BDL	0.82	0.29	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	0.22	BDL	0.98	0.59	BDL	BDL	0.22	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	0.053	0.35	0.14	BDL	BDL	BDL	BDL	0.55	0.37	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	3.0	0.13	1.5	1.4	BDL	4.4	3.5	3.5	2.5	3.0	BDL	2.5	2.9	1.7	2.0	1.7	1.4	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	0.18	0.23	BDL	0.74	0.7	0.37	0.28	0.6	BDL	BDL	0.69	0.37	BDL	BDL	0.38	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	0.27	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.89	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	0.18	BDL	0.13	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.3	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	34	0.084	1.1	1.5	BDL	4.7	5.3	3.1	1.7	3.4	BDL	4.1	4.7	2.0	BDL	0.88	1.6	1.0	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	3.0	0.062	1.3	1.8	BDL	3.3	3.0	1.8	1.7	2.6	BDL	BDL	BDL	BDL	0.15	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.0	4.3	2.0	2.0	1.1	1.8	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	0.41	0.69	BDL	1.6	1.5	1.0	0.81	0.93	BDL	1.5	1.9	0.92	0.83	0.58	0.86	BDL	BDL
Trichloroethene	5.0	0.5	BDL	0.062	0.38	0.15	BDL	BDL	BDL	0.21	0.19	0.67	BDL	BDL	BDL	BDL	BDL	0.24	0.59	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	**6.0**	**1.2**	**18**	**19**	**29.3**	**35**	**31**	**30**	**27**	**31**	BDL	**36**	**34**	**17**	**20**	**19**	**19**	**16.7**	**18.6**
Total Xylenes	10000	1000	31	0.366	6.3	15.6	BDL	21.9	19.7	10.9	7.5	19.2	BDL	30	34	15.3	14.7	5.8	10.8	1.961	0.293
Total VOCs	NSE	NSE	145.00	7.963	68.283	70.047	29.3	120.42	116.85	92.82	95.28	110.29	14.80	107.19	126.64	54.01	53.95	44.10	57.96	34.78	37.37

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																				
			MW-4																				
	ES	PAL	4/02	9/02	4/03	9/03	4/04	9/04	9/05	4/06	9/06	4/07	9/07	4/08	9/08	4/09	10/09	4/10	9/10	4/11	9/11	5/12	9/12 Duplicate	9/12
VOCs[1] (µg/l)																								
Benzene	5.0	0.5	0.942	0.699	0.318	BDL	0.41	0.346	BDL	0.22	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	0.462	0.447	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.25	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	2.67	2.59	0.408	0.521	0.968	0.662	0.512	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	2.65	2.58	0.62	1.01	1.06	1.12	0.853	1.2	1.1	0.98	0.89	1.0	1.0	1.0	0.9	0.76	0.68	0.75	0.68	BDL	BDL
Dichlorodifluoromethane	1000	200	5.68	5.85	2.06	0.483	3.54	0.94	1.88	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	0.848	0.654	0.527	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	5.66	8.74	0.683	1.16	6.8	2.64	2.61	1.8	1.0	0.72	0.76	0.74	0.55	0.62	0.65	0.55	BDL	BDL	BDL	BDL	0.58	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	0.772	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.7*	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	0.507	BDL	0.718	BDL	0.327	BDL	BDL	BDL	BDL	BDL	0.25	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.61	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	**8.13**	**11**	**2.02**	**1.68**	**6.01**	**3.4**	**2.35**	**2.3**	**0.99**	**0.8**	**0.58**	**0.82**	**0.55**	BDL	**0.43**	**0.34**	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	0.577	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	28.898	32.560	7.354	4.854	19.115	9.108	8.205	5.520	3.090	2.50	2.48	2.56	2.35	1.59	1.97	1.65	0.68	0.75	0.68	0.61	0.58	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date													
			MW-4													
	ES	PAL	3/13	3/13 Duplicate	10/13	4/14	4/14 Duplicate	11/14	5/15	10/15	4/16	9/16	3/17	9/17	4/18	9/18
VOCs[1] (µg/l)																
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	0.6	<0.39	0.81
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Chloromethane	30	3.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.32	<0.32	<0.32	2.9	<0.32	<0.32
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	1.8	<0.36	2.1
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
cis-1,2-Dichloroethylene	70	7.0	0.56	0.55	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	1.4	0.71	2.1	<0.41	2.2
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<1.6	<1.6	<1.6	**9.0**	<1.6	<1.6
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	0.43	<0.15
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.20	<0.20	<0.20	**0.51**	<0.20	**0.61**
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
Total VOCs	NSE	NSE	0.56	0.55	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.400	0.710	16.910	0.430	5.720

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																						
			MW-5																						
	ES	PAL	6/94	5/95	7/95	6/96	6/97	6/98	6/99	6/00	3/01	9/01	4/02	9/02	4/03	9/03	4/04	9/04	3/05	9/05	4/06	9/06	4/07	9/07	4/08	9/08
VOCs[1] (µg/l)																									
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	BDL	0.079	BDL	0.051	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.59	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	0.24	0.26	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	BDL	0.025	BDL	BDL	0.35	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3*	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.56	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.28	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	0.042	0.037	0.024	BDL	BDL	BDL	0.19	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	BDL	0.121	0.062	0.075	BDL	0.35	0.24	1.73	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.59	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																					
			MW-5																					
	ES	PAL	4/09	10/09	4/10	9/10	9/11	9/11	5/12	5/12	9/12	3/13	10/13	10/13	4/14	11/14	11/14	5/15	10/15	4/16	9/16	3/17	9/17	4/18	9/18
VOCs[1] (µg/l)								Duplicate		Duplicate				Duplicate			Duplicate								
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	0.28	<0.15
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	1.9	<0.39
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Chloromethane	30	3.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.32	<0.32	<0.32	2.3	<0.32	<0.32
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	1.7	<0.36
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	2.0	<0.41
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	0.35	0.22	BDL	BDL	BDL	BDL	BDL	BDL	2.0	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**8.8**	**8.3**	BDL	BDL	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
Total VOCs	NSE	NSE	BDL	BDL	BDL	0.35	0.22	BDL	BDL	BDL	BDL	BDL	BDL	2.00	BDL	8.80	8.30	BDL	BDL	BDL	BDL	BDL	2.300	5.880	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date MW-6																					
	ES	PAL	5/95	7/95	6/96	6/97	6/98	6/99	6/00	3/01	9/01	4/02	9/02	4/03	9/03	4/04	9/04	3/05	9/05	4/06	9/06	4/07	9/07	4/08	9/08
VOCs[1] (µg/l)																									
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	0.16	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	0.13	0.05	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	0.21	0.25	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	0.31	0.46	0.17	BDL	0.95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	0.04	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3*	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	0.44	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	0.4	0.37	0.19	BDL	0.44	0.15	0.35	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	0.28	BDL	BDL	BDL	0.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.303	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	BDL	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	BDL	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	BDL	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	BDL	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	0.14	0.25	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	1.26	1.17	0.36	BDL	1.85	0.36	1.46	BDL	BDL	BDL	BDL	BDL	BDL	0.303	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date														MW-6					
	ES	PAL	4/09	10/09	4/10	9/10	4/11	9/11	5/12	9/12	3/13	10/13	4/14	11/14	5/15	10/15	4/16	9/16	3/17	9/17	4/18	9/18
VOCs[1] (µg/l)																						
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	3.8	<0.15	<0.15	<0.15	<0.15
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	**7.0**	<0.39	<0.39	<0.39	<0.39
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Chloromethane	30	3.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	4.6	<0.36	<0.36	<0.36	<0.36
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	0.52 (J)	<0.41	<0.41	<0.41	<0.41
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.18	**5.9**	<0.18	<0.18	<0.18	<0.18
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	1.9	<0.39	<0.39	<0.39	<0.39
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**8.0**	BDL	BDL	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	2.2	<0.34	<0.34	<0.34	<0.34
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	0.75	<0.15	<0.15	<0.15	<0.15
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	2.5	<0.36	<0.36	<0.36	<0.36
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.25	0.74 (J)	<0.25	<0.25	<0.25	<0.25
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.22	**31**	<0.22	<0.22	<0.22	<0.22
Total VOCs	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.00	BDL	BDL	BDL	59.650	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																					
			PZ-6S																					
	ES	PAL	5/95	7/95	6/96	6/97	6/98	6/99	6/00	3/01	9/01	4/02	9/02	4/03	9/03	4/04	9/04	3/05	9/05	4/06	9/06	4/07	9/07	4/08	9/08
VOCs[1] (µg/l)																									
Benzene	5.0	0.5	0.021	0.038	BDL	BDL	0.21	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	0.14	0.074	0.046	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.59	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	0.25	0.25	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	0.26	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	0.036	0.036	0.043	BDL	0.5	0.36	0.20	0.25	BDL	BDL	BDL	BDL	BDL	0.251	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	0.51	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	0.038	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.1*	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	0.30	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	0.15	0.14	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	0.039	0.081	0.023	BDL	0.42	BDL	0.21	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.35	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	BDL	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	BDL	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	0.22	BDL	BDL	BDL	BDL	--	BDL	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	BDL	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	0.24	BDL	0.47	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	0.39	0.407	0.112	BDL	1.85	1.12	1.43	0.25	BDL	BDL	BDL	BDL	0.251	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.35	0.59	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																			
			PZ-6S																			
	ES	PAL	4/09	10/09	4/10	9/10	4/11	9/11	5/12	9/12	3/13	10/13	4/14	11/14	5/15	10/15	4/16	9/16	3/17	9/17	4/18	9/18
VOCs[1] (µg/l)																						
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Chloromethane	30	3.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**7.8**	BDL	BDL	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	0.74	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.52	1.8	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,2,4-Trimethylbenzene	NSE	NSE	BDL	0.24	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Total Xylenes	10000	1000	BDL	0.61	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
Total VOCs	NSE	NSE	BDL	1.59	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.32	1.80	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date PZ-6D																			
	ES	PAL	5/95	7/95	6/96	6/97	6/98	6/99	6/00	9/01	9/02	9/03	9/04	9/05	9/06	9/07	9/08	10/09	9/10	9/11	9/12	10/13	11/14
VOCs[1] (µg/l)																							
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	0.16	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	0.17	0.062	0.036	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	0.21	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	0.04	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.4*	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**7.3**
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	0.38	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	0.073	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	0.14	0.022	0.025	BDL	BDL	BDL	0.19	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	0.383	0.124	0.061	BDL	BDL	0.21	1.17	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.300

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date MW-7																	
	ES	PAL	5/95	7/95	2/96	3/96	6/96	9/96	12/96	3/97	6/97	9/97	12/97	3/98	6/98	9/98	12/98	3/99	6/99	9/99	12/99
VOCs[1] (µg/l)																					
Benzene	5.0	0.5	0.26	0.15	BDL	BDL	0.28	0.23	1.0	BDL	BDL	0.34	0.35	0.39	0.39	0.73	0.43	0.29	0.87	0.28	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.59	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	0.041	BDL	BDL	BDL	0.065	0.05	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.19
Chloroethane	400	80	BDL	BDL	1.7	1.4	BDL	BDL	0.89	0.86	BDL	0.14	0.88	0.99	0.96	1.0	BDL	1.2	1.1	0.84	0.61
Chloroform	6.0	0.6	0.049	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	0.095	0.075	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.61	1.2	1.8	2.3	0.86	2.8	BDL	4.5	2.5	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	0.12	0.11	BDL	BDL	BDL	0.38	0.22	0.18	0.24	0.24	BDL	BDL	0.31	0.30	0.21
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	14	BDL	15.6	9.4	4.6	7.2	12	9.8	BDL	0.36	2.8	BDL	BDL
1,1-Dichloroethane	850	85	0.41	0.24	BDL	BDL	0.39	0.34	0.54	BDL	BDL	BDL	BDL	BDL	0.54	0.42	BDL	BDL	0.31	0.44	BDL
1,2-Dichloroethane	5.0	0.5	0.039	BDL	BDL	BDL	0.05	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	3.2	2.2	4.6	4.9	4.1	3.6	3.1	3.6	5.0	4.4	3.4	4.0	4.6	3.3	4.0	2.9	3.5	3.1	3.4
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	0.045	BDL	BDL	BDL	0.053	0.058	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.17	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	0.31	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.61	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	0.072	0.078	BDL	BDL	0.064	0.058	BDL	BDL	BDL	BDL	BDL	BDL	0.33	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.51	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	0.063	0.064	BDL	BDL	0.065	0.055	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.14
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	0.094	0.071	BDL	BDL	0.064	0.031	BDL	BDL	BDL	BDL	0.31	BDL	0.27	0.4	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.31	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.31	BDL	BDL	BDL	BDL	BDL	BDL	0.35	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.31	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.31	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.31	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	0.088	0.062	BDL	BDL	0.087	0.088	BDL	BDL	BDL	BDL	0.31	0.24	0.2	BDL	0.24	0.12	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.31	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	0.19	BDL	BDL	BDL	**0.24**	**0.23**	**0.65**	**0.59**	**1.1**	**1.6**	0.31	**0.67**	**1.1**	BDL	**0.48**	BDL	**0.92**	**0.71**	0.17
Total Xylenes	10000	1000	0.063	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.31	BDL	BDL	0.3	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	5.019	2.94	6.3	6.3	5.578	4.85	20.18	5.05	21.7	21.07	15.04	15.47	22.93	17.05	7.95	4.87	14.9	8.52	4.72

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																		
			MW-7																		
	ES	PAL	3/00	6/00	9/01	4/02	9/02	4/03	9/03	4/04	9/04	9/04	3/05	9/05	4/06	9/06	4/07	9/07	4/08	9/08	4/09	10/09
VOCs[1] (µg/l)																						
Benzene	5.0	0.5	0.28	0.37	0.328	0.492	BDL	BDL	BDL	BDL	BDL	BDL	0.338	BDL	0.26	0.27	BDL	BDL	0.22	0.25	0.22	0.21
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	0.91	0.90	BDL	BDL	BDL	BDL	0.496	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	BDL	0.12	2.98	5.41	2.98	2.35	1.97	1.09	0.999	0.999	0.721	0.573	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	0.24	0.16	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	0.25	0.28	6.49	12.1	7.45	10.3	1.16	3.85	1.32	1.32	3.15	2.05	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	0.37	0.37	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	3.1	3.1	2.2	1.73	1.74	1.39	1.34	0.886	1.01	1.01	0.746	0.74	0.75	BDL	0.65	0.72	BDL	0.6	0.55	0.63
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.1*	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	0.522	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	**0.66**	**0.61**	**0.513**	**1.2**	**1.14**	**2.10**	**1.04**	**1.30**	**0.885**	**0.885**	**1.51**	**0.695**	BDL	**0.29**	BDL	**0.21**	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	5.81	5.91	12.51	20.932	13.310	16.662	6.006	7.126	4.214	4.214	6.465	4.058	1.010	0.560	0.65	0.93	0.22	0.85	0.77	0.84

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																	
			MW-7																	
	ES	PAL	4/10	9/10	4/11	9/11	5/12	9/12	3/13	10/13	4/14	11/14	5/15	10/15	4/16	9/16	3/17	9/17	4/18	9/18
VOCs[1] (µg/l)																				
Benzene	5.0	0.5	BDL	0.21	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Chloromethane	30	3.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
cis-1,2-Dichloroethylene	70	7.0	0.50	0.52	BDL	BDL	0.78 (J)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.6	BDL	BDL	<1.6	**12**	<1.6	<1.6	<1.6	<1.6
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
Total VOCs	NSE	NSE	0.50	0.73	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.60	BDL	BDL	BDL	12.000	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																
			PZ-7S (Abandoned 9/02)																
	ES	PAL	5/95	7/95	2/96	3/96	6/96	9/96	12/96	3/97	6/97	9/97	12/97	3/98	6/98	9/98	12/98	3/99	6/99	3/01
VOCs[1] (µg/l)																				
Benzene	5.0	0.5	0.44	0.48	0.9	0.9	0.7	0.58	1.4	0.6	0.7	0.51	0.75	0.79	0.74	1.3	1.0	0.97	1.5	0.539
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.176
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.77	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.5	0.28	0.26	0.41	BDL	BDL	0.73	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.66	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	2.1	2.0	BDL	BDL	BDL	1.2	1.4	0.36	1.5	1.4	1.7	1.8	BDL	2.0	1.9	0.3
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	0.063	0.11	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.68	2.6	2.6	3.2	3.3	4.2	BDL	7.5	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.42	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.18	0.2	0.17	0.23	BDL	BDL	0.41	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	13	BDL	12.2	8.7	6.8	8.2	14	16	BDL	0.3	3.1	BDL
1,1-Dichloroethane	850	85	0.38	0.48	BDL	BDL	0.53	0.42	0.68	BDL	BDL	BDL	0.15	BDL	0.52	0.45	BDL	BDL	0.19	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	1.4	1.7	2.8	2.9	2.5	1.9	2.2	2.0	2.4	1.4	2.2	1.9	2.2	2.4	2.5	1.7	1.8	0.969
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	0.051	0.055	BDL	BDL	0.073	0.072	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	0.054	0.04	BDL	BDL	0.029	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.21	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	0.21	0.25	BDL	BDL	0.43	0.35	1.4	0.41	BDL	0.42	0.61	0.62	0.5	0.48	BDL	0.43	0.39	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	0.073	0.099	BDL	BDL	0.082	0.057	BDL	BDL	BDL	BDL	BDL	BDL	0.33	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	0.097	0.084	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.1	BDL	0.26	0.71	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.19	BDL	BDL	0.26	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	0.21	0.13	BDL	BDL	0.041	0.023	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.5	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	0.086	0.068	BDL	BDL	0.039	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.25	BDL	BDL	0.49	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.21	BDL
Trichloroethene	5.0	0.5	0.08	0.086	BDL	BDL	0.12	0.1	BDL	BDL	BDL	BDL	BDL	0.18	BDL	BDL	0.28	0.15	0.21	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	0.17	**0.26**	BDL	BDL	**0.23**	**0.22**	**0.82**	**0.37**	**1.0**	**1.1**	BDL	**0.35**	**0.8**	**0.59**	**0.52**	BDL	**0.76**	0.16
Total Xylenes	10000	1000	0.48	0.42	BDL	BDL	0.36	0.31	3.3	0.75	BDL	0.66	BDL	0.58	0.64	1.05	0.48	0.66	0.59	BDL
Total VOCs	NSE	NSE	3.794	4.262	5.8	5.8	5.134	4.032	22.8	5.33	17.7	13.83	15.29	17.1	25.06	30.26	8.98	6.47	22.60	2.11

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																
			PZ-7SR																
	ES	PAL	11/03	4/04	9/04	3/05	9/05	4/06	9/06	4/07	9/07	4/08	9/08	4/09	10/09	4/10	9/10	4/11	9/11
VOCs[1] (µg/l)																			
Benzene	5.0	0.5	0.415	0.328	0.37	BDL	BDL	0.29	0.28	BDL	BDL	BDL	0.25	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	1.26	0.776	0.724	0.396	0.795	BDL	BDL	BDL	BDL	0.54	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	0.21	BDL	0.27	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	3.8	2.58	0.989	1.33	1.25	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	0.821	0.426	0.713	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	3.5*	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	0.309	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	**1.22**	**0.993**	**0.694**	**0.399**	**0.614**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	8.06	5.10	3.49	2.13	2.97	0.29	0.49	BDL	0.27	0.540	0.25	BDL	BDL	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date													
			PZ-7SR													
	ES	PAL	5/12	9/12	3/13	10/13	4/14	11/14	5/15	10/15	4/16	9/16	4/16	9/16	4/18	9/18
VOCs[1] (µg/l)																
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Chloromethane	30	3.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	7.6	BDL	BDL	<1.6	**12**	<1.6	<1.6	<1.6	<1.6
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
Total VOCs	NSE	NSE	BDL	BDL	BDL	BDL	BDL	7.60	BDL	BDL	BDL	12.000	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date PZ-7D														
	ES	PAL	5/95	7/95	6/96	6/97	6/98	6/99	6/00	9/01	9/02	9/03	9/04	9/05	9/06	9/07	9/08	10/09
VOCs[1] (µg/l)																		
Benzene	5.0	0.5	0.027	0.29	0.34	BDL	0.31	0.86	0.26	0.217	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	1.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	1.3	1.6	2.2	2.5	1.7	2.1	1.3	0.796	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	0.068	0.058	BDL	BDL	2.5	6.2	BDL	6.1	2.77	BDL	0.767	0.427	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	0.18	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	23	12	2.9	BDL	8.82	4.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	0.018	0.21	0.22	BDL	0.34	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	0.042	0.061	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	0.085	0.73	0.68	BDL	0.59	0.48	0.24	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	0.036	0.041	0.041	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	0.033	0.024	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	0.11	0.14	0.12	BDL	0.34	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.9*	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	0.24	0.21	0.091	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	0.039	0.04	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	**0.52**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	0.061	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	2.026	3.413	3.716	25.5	17.78	14.44	1.8	15.9	6.970	BDL	0.767	0.427	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date												
			PZ-7D												
	ES	PAL	10/09	9/10	9/11	9/12	10/13	11/14	10/15	4/16	9/16	3/17	9/17	4/18	9/18
VOCs[1] (µg/l)															
Benzene	5.0	0.5	BDL	0.36	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Chloromethane	30	3.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<1.6	**12**	<1.6	<1.6	<1.6	<1.6
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
Total VOCs	NSE	NSE	BDL	0.36	BDL	BDL	BDL	BDL	BDL	BDL	12.000	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date MW-8																					
	ES	PAL	5/95	7/95	6/96	6/97	6/98	6/99	6/00	3/01	9/01	4/02	9/02	4/03	9/03	4/04	9/04	3/05	9/05	4/06	9/06	4/07	9/07	4/08	9/08
VOCs[1] (µg/l)																									
Benzene	5.0	0.5	BDL	BDL	0.23	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	0.065	0.085	0.061	BDL	BDL	1.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.31	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	0.22	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	0.068	0.037	BDL	BDL	BDL	0.58	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	0.51	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	0.046	0.026	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.3*	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	0.026	0.024	0.05	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.641	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	BDL	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	BDL	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	0.39	BDL	BDL	BDL	--	BDL	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	BDL	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	**0.39**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	0.205	0.172	0.341	BDL	BDL	3.19	BDL	BDL	BDL	BDL	BDL	0.641	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.31	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date											
			MW-8											
	ES	PAL	4/09	10/09	4/10	9/10	4/11	9/11	5/12	9/12	3/13	10/13	4/14	11/14
VOCs[1] (µg/l)														
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																
			PZ-8S																
	ES	PAL	5/95	7/95	2/96	3/96	6/96	9/96	12/96	3/97	6/97	9/97	12/97	3/98	6/98	9/98	12/98	3/99	6/99	9/99
VOCs[1] (µg/l)																				
Benzene	5.0	0.5	BDL	0.033	BDL	BDL	0.022	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	4.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.58	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	0.092	0.1	BDL	BDL	0.044	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.21	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.24	0.25
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.28	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.54	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	0.042	0.055	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.3	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	0.06	0.072	BDL	BDL	0.057	0.021	BDL	BDL	BDL	BDL	BDL	0.25	BDL	0.35	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.36
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	0.055	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	0.194	0.315	BDL	BDL	4.323	0.021	BDL	BDL	BDL	BDL	BDL	0.25	1.16	0.56	BDL	BDL	0.78	0.61

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																
			PZ-8S																
	ES	PAL	12/99	3/00	6/00	3/01	9/01	4/02	9/02	4/03	9/03	4/04	9/04	3/05	9/05	4/06	9/06	4/07	9/07	4/08
VOCs[1] (µg/l)																				
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	BDL	BDL	0.13	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.1*	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.502	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	--	--	--	--	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	--	--	--	--	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	--	--	--	--	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	--	--	--	--	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	BDL	BDL	0.13	BDL	BDL	BDL	BDL	0.502	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date											
			PZ-8S											
	ES	PAL	9/08	4/09	10/09	4/10	9/10	4/11	9/11	5/12	9/12	3/13	10/13	4/14	11/14
VOCs[1] (µg/l)															
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																				
			PZ-8D																				
	ES	PAL	5/95	7/95	6/96	6/97	6/98	6/99	6/00	9/01	9/02	9/03	9/04	9/05	9/06	9/07	9/08	10/09	4/10	9/10	9/11	9/12	10/13	11/14
VOCs[1] (µg/l)																								
Benzene	5.0	0.5	0.026	0.024	0.029	BDL	BDL	0.59	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	0.36	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	0.08	0.046	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	0.23	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	0.69	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	0.048	0.044	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.4*	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	0.73	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	0.092	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	0.027	0.1	BDL	BDL	0.46	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	0.45	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	0.21	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	0.081	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	0.246	0.141	0.21	BDL	BDL	4.22	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date MW-9																
	ES	PAL	5/95	7/95	6/96	6/97	9/97	12/97	3/98	6/98	9/98	12/98	3/99	6/99	9/99	12/99	3/00	6/00	3/01	9/01
VOCs[1] (µg/l)																				
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	0.052	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	0.058	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.2	0.6	BDL	1.1	BDL	BDL	BDL	0.12	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.17	0.24	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	1.2	BDL	0.93	1.7	2.1	BDL	BDL	0.97	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	0.021	BDL	0.042	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	0.051	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.26	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.5	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	0.04	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	0.034	0.04	BDL	BDL	BDL	0.3	BDL	0.38	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.33	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	0.097	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.29	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	0.131	0.074	0.23	BDL	1.2	BDL	1.23	1.7	3.67	0.6	0.26	2.74	0.57	BDL	BDL	0.12	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date MW-9															
	ES	PAL	4/02	9/02	4/03	9/03	4/04	9/04	3/05	9/05	4/06	9/06	4/07	9/07	4/08	9/08	4/09	10/09
VOCs[1] (µg/l)																		
Benzene	5.0	0.5	0.568	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	5.52	0.675	BDL	BDL	0.932	BDL	BDL	0.522	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	14.1	0.603	0.608	BDL	3.26	BDL	0.738	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	2.08	BDL	BDL	BDL	0.911	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.7*	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	0.366	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	**1.19**	BDL	BDL	BDL	**1.04**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	23.458	1.278	0.608	BDL	6.143	BDL	1.104	0.522	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																	
			MW-9																	
	ES	PAL	4/10	9/10	4/11	9/11	5/12	9/12	3/13	10/13	4/14	11/14	5/15	10/15	4/16	9/16	3/17	9/17	4/18	9/18
VOCs[1] (µg/l)																				
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Chloromethane	30	3.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<1.6	**13**	<1.6	<1.6	<1.6	<1.6
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
Total VOCs	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	13.000	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date PZ-9S																			
	ES	PAL	5/95	7/95	2/96	3/96	6/96	9/96	12/96	3/97	6/97	9/97	12/97	3/98	6/98	9/98	12/98	3/99	6/99	9/99	12/99	3/00	6/00
VOCs[1] (µg/l)																							
Benzene	5.0	0.5	0.079	0.4	BDL	BDL	0.48	0.38	1.2	0.37	BDL	0.41	0.5	0.46	0.44	0.91	0.51	0.42	0.93	0.49	BDL	0.46	0.5
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	4.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.59	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.12	BDL	BDL
Chloroethane	400	80	BDL	1.4	1.5	1.3	BDL	1.4	1.2	0.9	BDL	0.15	1.1	0.8	0.85	1.0	BDL	BDL	1.1	0.86	0.5	0.92	1.0
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	0.12	0.088	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.0	0.82	1.4	0.32	2.0	BDL	3.7	2.3	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.17	0.22	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	14	BDL	BDL	5.6	3.1	3.7	6.8	7.9	BDL	BDL	2.8	BDL	BDL	0.22	BDL
1,1-Dichloroethane	850	85	0.37	0.52	BDL	BDL	0.53	0.47	0.68	BDL	BDL	BDL	BDL	BDL	0.47	0.47	BDL	0.31	0.21	0.36	BDL	0.32	0.34
1,2-Dichloroethane	5.0	0.5	0.036	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	1.5	2.6	2.9	2.9	2.6	2.5	2.5	2.4	BDL	1.9	2.0	1.4	2.0	2.2	2.2	1.6	1.7	2.0	2.1	2.1	2.1
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	0.042	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	0.043	BDL	BDL	BDL	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	0.088	0.085	BDL	BDL	0.058	0.059	0.28	BDL	BDL	BDL	BDL	BDL	0.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.69	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.19	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	0.083	0.05	BDL	BDL	0.036	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.44	BDL	BDL	0.43	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	0.054	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.45	0.35	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	0.03	0.039	BDL	BDL	0.037	0.034	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	0.18	**0.24**	BDL	BDL	**0.22**	**0.24**	**0.53**	**0.36**	BDL	BDL	BDL	BDL	**0.59**	**0.42**	**0.29**	BDL	**0.79**	**0.57**	BDL	**0.43**	**0.32**
Total Xylenes	10000	1000	0.069	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.35	BDL	BDL	BDL	0.24	BDL	BDL	BDL
Total VOCs	NSE	NSE	6.809	5.465	4.4	4.2	4.003	5.143	20.39	4.03	BDL	8.06	7.70	7.18	12.85	14.2	5.0	2.33	13.56	7.39	2.72	4.45	4.26

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																		
			PZ-9S																		
	ES	PAL	3/01	9/01	4/02	9/02	4/03	9/03	4/04	9/04	3/05	9/05	4/06	9/06	4/07	9/07	4/08	9/08	4/09	10/09	4/10	9/10
VOCs[1] (µg/l)																						
Benzene	5.0	0.5	0.411	0.43	BDL	0.352	0.413	0.315	BDL	0.325	0.419	BDL	0.33	0.34	BDL	0.31	BDL	0.32	0.23	0.29	0.24	0.26
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	0.5	BDL	BDL	BDL	BDL	0.627	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	BDL	0.76	1.06	2.13	2.23	1.81	BDL	0.903	0.956	0.992	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	3.67	2.35	5.26	10.6	2.92	BDL	1.55	4.81	3.45	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	1.43	BDL	1.77	1.55	1.35	BDL	1.35	1.24	1.11	1.2	1.0	0.96	0.94	0.84	0.9	0.73	0.88	0.66	0.76
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.1*	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	1.02	BDL	BDL	BDL	0.337	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	0.197	**0.33**	BDL	**0.495**	**0.956**	**0.714**	BDL	**1.38**	**1.66**	**1.55**	**1.3**	**0.81**	**0.65**	**0.63**	BDL	**0.56**	**0.28**	BDL	**0.29**	**0.31**
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	1.08	6.62	3.410	10.007	16.769	7.736	BDL	5.508	9.422	7.102	2.830	2.150	1.61	1.88	0.84	1.78	1.24	1.17	1.19	1.33

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date PZ-9S															
	ES	PAL	4/11	9/11	5/12	9/12	3/13	10/13	4/14	11/14	5/15	10/15	4/16	9/16	3/17	9/17	4/18	9/18
VOCs[1] (µg/l)																		
Benzene	5.0	0.5	0.21	0.22	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Chloromethane	30	3.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
cis-1,2-Dichloroethylene	70	7.0	0.62	0.60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
Total VOCs	NSE	NSE	0.83	0.82	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																					
			PZ-9D																					
	ES	PAL	5/95	7/95	6/96	6/97	6/98	6/99	6/00	9/01	9/02	9/03	9/04	9/05	9/06	9/07	4/08	9/08	10/09	9/10	9/11	9/12	10/13	11/14
VOCs[1] (µg/l)																								
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	0.078	0.059	BDL	BDL	BDL	BDL	0.15	BDL	BDL	BDL	BDL	0.538	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	0.24	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	1.1	0.65	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	0.041	0.043	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	0.034	0.078	0.038	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	0.5	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	0.054	0.037	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.6*	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	0.088	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	0.25	BDL	0.035	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.25	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	0.416	0.303	0.116	BDL	1.1	1.39	0.15	BDL	BDL	BDL	BDL	0.538	0.250	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date MW-10																			
	ES	PAL	5/95	7/95	6/96	6/97	6/98	6/99	6/00	3/01	9/01	4/02	9/02	4/03	9/03	4/04	9/04	3/05	9/05	4/06	9/06	4/07	9/07
VOCs[1] (µg/l)																							
Benzene	5.0	0.5	BDL	0.023	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.22	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	0.079	0.054	BDL	BDL	BDL	1.2	0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.486	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	0.23	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	2.3	2.1	0.88	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	0.021	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	0.042	0.035	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.1*	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	BDL	BDL
Tetrachloroethene	5.0	0.5	0.1	0.083	0.12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	0.027	0.038	0.025	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.307	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	BDL	--	--	--	--	--	--	--	--	--	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	BDL	--	--	--	--	--	--	--	--	--	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	BDL	--	--	--	--	--	--	--	--	--	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	BDL	--	--	--	--	--	--	--	--	--	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	0.248	0.233	0.166	2.3	2.1	2.31	0.42	BDL	BDL	BDL	BDL	BDL	BDL	0.307	BDL	BDL	0.486	0.220	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date MW-10														
	ES	PAL	4/08	9/08	4/09	10/09	4/10	9/10	4/11	9/11	5/12	9/12	3/13	10/13	4/14	11/14	10/15
VOCs[1] (µg/l)																	
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**7.7**	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.26	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.26	BDL	BDL	BDL	BDL	BDL	7.70	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																			
			PZ-10S																			
	ES	PAL	5/95	7/95	2/96	3/96	6/96	9/96	12/96	3/97	6/97	9/97	12/97	3/98	6/98	9/98	12/98	3/99	6/99	9/99	12/99	3/00	6/00
VOCs[1] (µg/l)																							
Benzene	5.0	0.5	0.02	0.044	BDL	BDL	0.028	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.22	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.35	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	0.011	0.1	BDL	BDL	0.063	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.38	0.34	BDL	BDL	BDL	BDL	BDL	0.2
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	0.032	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.18	0.21	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	0.051	0.051	BDL	BDL	0.041	BDL	0.41	BDL	BDL	BDL	BDL	0.35	0.97	0.67	BDL	BDL	0.57	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	0.032	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	0.044	0.049	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	0.066	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.66	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.17	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	0.13	0.12	BDL	BDL	0.16	0.17	BDL	BDL	BDL	BDL	BDL	0.39	0.38	0.55	0.38	BDL	BDL	0.14	0.22	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	0.072	0.095	BDL	BDL	0.13	0.04	BDL	BDL	BDL	BDL	BDL	0.25	BDL	BDL	BDL	BDL	0.43	0.22	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.37	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	0.039	0.035	BDL	BDL	0.04	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.42	0.39	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.25	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	0.055	0.058	BDL	BDL	0.076	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.3	BDL	BDL	BDL
Total VOCs	NSE	NSE	0.488	0.616	BDL	BDL	0.538	0.21	0.41	BDL	BDL	BDL	0.22	0.99	1.35	1.97	0.72	BDL	2.61	1.68	0.22	BDL	0.20

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																					
			PZ-10S																					
	ES	PAL	3/01	9/01	4/02	9/02	4/03	9/03	4/04	9/04	3/05	9/05	4/06	9/06	4/07	9/07	4/08	9/08	4/09	10/09	4/10	9/10	4/11	9/11
VOCs[1] (µg/l)																								
Benzene	5.0	0.5	0.198	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.31	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.36	0.28	0.35
Chloromethane	30	3.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.8*	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	0.444	BDL	BDL	0.725	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	0.642	BDL	BDL	0.725	BDL	BDL	BDL	BDL	BDL	BDL	0.310	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.36	0.28	0.35

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date											
			PZ-10S											
	ES	PAL	5/12	9/12	3/13	10/13	4/14	11/14	5/15	4/16	9/16	3/17	9/17	4/18	9/18
VOCs[1] (µg/l)															
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	0.57	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Chloromethane	30	3.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	**7.9**	BDL	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
Total VOCs	NSE	NSE	BDL	BDL	BDL	BDL	BDL	8.47	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date PZ-10D																			
	ES	PAL	5/95	7/95	6/96	6/97	6/98	6/99	6/00	9/01	9/02	9/03	9/04	9/05	9/06	9/07	9/08	10/09	9/10	9/11	9/12	10/13	11/14
VOCs[1] (µg/l)																							
Benzene	5.0	0.5	0.025	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.21	BDL	BDL	1.0	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	0.46	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	0.088	0.052	0.033	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	0.22	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	0.53	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	0.19	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	0.5	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	0.034	0.03	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.6*	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**7.6**
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	0.076	BDL	BDL	BDL	BDL	0.63	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	0.072	BDL	0.022	BDL	BDL	0.49	BDL	BDL	BDL	BDL	BDL	BDL	0.39	0.58	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	0.044	BDL	BDL	BDL	BDL	0.41	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	0.064	BDL	BDL	BDL	BDL	BDL	0.43	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	0.403	0.082	0.055	BDL	0.46	2.78	0.62	BDL	BDL	BDL	BDL	BDL	0.390	0.79	BDL	BDL	1.000	BDL	BDL	BDL	7.600

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date						
			B-1 (Abandoned 5/05)						
	ES	PAL	6/96	6/97	9/97	6/98	6/99	9/99	12/99
VOCs[1] (µg/l)									
Benzene	5.0	0.5	3.6	BDL	1.4	2.6	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	1.2	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	0.35	1.2	0.58	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	0.37	BDL	BDL
Chlorobenzene	NSE	NSE	0.2	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	2.0	7.2	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	BDL	BDL	1.6	5	1.5	BDL	BDL
2-Chlorotoluene	NSE	NSE	1.4	BDL	0.48	0.9	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	2.1	BDL	2.0	3.3	0.34	0.24	0.21
Dichlorodifluoromethane	1000	200	BDL	BDL	0.74	17	0.67	BDL	BDL
1,1-Dichloroethane	850	85	1.5	BDL	2.2	3.5	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	**250**	**104**	**98**	**180**	0.53	BDL	BDL
trans-1,2-Dichloroethylene	100	20	0.2	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	52	8.3	8.2	11	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	3.1	BDL	BDL	2.5	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	28	BDL	1.3	2.3	0.48	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	0.65	BDL	BDL	1.8	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--
Naphthalene	40	8.0	14	BDL	1.2	6.7	BDL	0.21	0.26
n-Propylbenzene	NSE	NSE	1.2	BDL	0.51	1.3	0.22	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--
Toluene	1000	200	16	5.4	2.5	4.9	BDL	BDL	0.29
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	0.13
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	0.14
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	7.9	BDL	1.6	3.4	0.43	0.34	0.20
1,3,5-Trimethylbenzene	NSE	NSE	2.3	BDL	0.89	2.0	0.2	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	0.35	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	**2.5**	BDL	**2.9**	**3.6**	**0.39**	BDL	BDL
Total Xylenes	10000	1000	131	19	16.6	24	BDL	0.53	0.45
Total VOCs	NSE	NSE	517.65	136.7	146.02	284.2	5.71	1.32	1.68

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date B-2																			
	ES	PAL	6/96	6/97	9/97	12/97	3/98	6/98	9/98	3/99	6/99	9/99	12/99	3/00	6/00	3/01	9/01	4/02	9/02	4/03	9/03	4/04	9/04
VOCs[1] (µg/l)																							
Benzene	5.0	0.5	1.1	BDL	0.26	0.64	0.69	0.19	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	0.94	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	0.49	BDL	1.2	0.97	0.89	0.73	0.49	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--
sec-Butylbenzene	NSE	NSE	0.49	BDL	BDL	0.5	0.51	0.2	0.27	BDL	0.64	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--
tert-Butylbenzene	NSE	NSE	0.056	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.36	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--
Chlorobenzene	NSE	NSE	0.037	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	1.1	0.28	0.16	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	BDL	BDL	BDL	2.4	5.2	0.45	0.44	BDL	1.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	2.0	BDL	0.47	0.35	0.47	0.25	0.21	BDL	0.27	0.22	0.12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	0.87	10.1	0.3	1.4	11	0.61	0.87	BDL	0.61	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	0.37	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	9.3	BDL	1.8	5.8	5.4	1.4	1.0	0.21	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.21	BDL	BDL	--	--	--	--	--	--
Ethylbenzene	700	140	17	1.0	2.0	4.9	7.2	1.4	0.65	0.36	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	1.7	BDL	0.25	0.62	1.0	0.37	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--
p-Isopropyltoluene	NSE	NSE	17	BDL	1.9	1.2	1.5	0.68	0.45	BDL	0.61	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	0.29	BDL	BDL	BDL	BDL	0.29	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	2.5	BDL	BDL	BDL	1.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	1.3	BDL	0.37	0.47	0.66	0.19	0.35	BDL	0.23	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	--
Tetrachloroethene	5.0	0.5	0.18	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	7.3	BDL	0.41	0.64	0.5	0.25	0.5	0.36	BDL	BDL	5.0	BDL	BDL	BDL	BDL	BDL	BDL	0.742	BDL	2.23	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.0	BDL	BDL	BDL	BDL	--	--	--	--	--	--
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	1.6	BDL	BDL	BDL	BDL	BDL	5.0	BDL	BDL	BDL	BDL	--	--	--	--	--	--
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	8.6	BDL	1.4	1.3	0.88	0.53	0.37	0.28	0.47	0.35	5.0	BDL	BDL	BDL	BDL	--	--	--	--	--	--
1,3,5-Trimethylbenzene	NSE	NSE	2.6	BDL	0.58	0.74	BDL	0.35	BDL	BDL	0.22	0.25	5.0	BDL	BDL	BDL	BDL	--	--	--	--	--	--
Trichloroethene	5.0	0.5	0.19	BDL	BDL	BDL	0.31	BDL	BDL	BDL	BDL	BDL	5.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	**1.3**	**2.2**	**0.72**	**0.22**	**0.78**	**0.4**	BDL	BDL	**0.38**	BDL	5.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	37	1.0	4.7	7.8	7.89	1.27	1.55	1.02	BDL	0.23	5.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	111.673	14.3	16.36	31.05	47.86	9.72	8.53	2.23	4.99	1.05	50.12	BDL	0.21	BDL	BDL	BDL	BDL	0.742	BDL	2.230	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date B-2																	
	ES	PAL	9/05	4/06	9/06	4/07	9/07	4/08	9/08	4/09	10/09	4/10	9/10	4/11	9/11	5/12	9/12	3/13	10/13	4/14	11/14
VOCs[1] (µg/l)																					
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL								
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL								
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL								
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL								
n-Butylbenzene	NSE	NSE	--	--	--	BDL	BDL	BDL	BDL	BDL			BDL								
sec-Butylbenzene	NSE	NSE	--	--	--	BDL	BDL	BDL	BDL	BDL			BDL								
tert-Butylbenzene	NSE	NSE	--	--	--	BDL	BDL	BDL	BDL	BDL			BDL								
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL								
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL								
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL								
Chloromethane	30	3.0	BDL	BDL	BDL	0.59	BDL	BDL	BDL	BDL			BDL								
2-Chlorotoluene	NSE	NSE	--	--	--	BDL	BDL	BDL	BDL	BDL			BDL								
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL								
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL								
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL								
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL								
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL								
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL								
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL	BDL							
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL								
2,2-Dichloropropane	NSE	NSE	--	--	--	BDL	BDL	BDL	BDL	BDL			BDL								
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL								
Isopropylbenzene	NSE	NSE	--	--	--	BDL	BDL	BDL	BDL	BDL			BDL								
p-Isopropyltoluene	NSE	NSE	--	--	--	BDL	BDL	BDL	BDL	BDL			BDL								
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL								
Methylene Chloride	5.0	0.5	BDL	BDL	2.9*	BDL	BDL	BDL	BDL	BDL			BDL								
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--			--								
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL								
n-Propylbenzene	NSE	NSE	--	--	--	BDL	BDL	BDL	BDL	BDL			BDL								
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL								
1,1,1,2-Tetrachloroethane	70	7.0	--	--	--	BDL	BDL	BDL	BDL	BDL			BDL								
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL								
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--			--								
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL								
1,2,3-Trichlorobenzene	NSE	NSE	--	--	--	BDL	BDL	BDL	BDL	BDL			BDL								
1,2,4-Trichlorobenzene	NSE	NSE	--	--	--	BDL	BDL	BDL	BDL	BDL			BDL								
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL								
1,2,4-Trimethylbenzene	NSE	NSE	--	--	--	BDL	BDL	BDL	BDL	BDL			BDL								
1,3,5-Trimethylbenzene	NSE	NSE	--	--	--	BDL	BDL	BDL	BDL	BDL			BDL								
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL								
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL								
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL								
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL								
Total VOCs	NSE	NSE	BDL	BDL	BDL	0.59	BDL	BDL	BDL	BDL			BDL								

Purged Dry NoSample

Purged Dry NoSample

Purged Dry NoSample

Purged Dry NoSample

PVC Bulged No Sample

Purged Dry NoSample

PVC Bulged No Sample

PVC Bulged No Sample

PVC Bulged No Sample

PVC Bulged No Sample

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																			
			B-3 (Abandoned 5/05)																			
	ES	PAL	6/96	6/97	9/97	12/97	3/98	6/98	9/98	12/98	3/99	6/99	9/99	12/99	3/00	6/00	3/01	9/01	4/02	4/03	9/03	4/04	9/04
VOCs[1] (µg/l)																							
Benzene	5.0	0.5	0.86	0.6	0.5	1.0	0.67	0.88	1.5	BDL	0.36	0.99	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	0.22	BDL	1.0	0.86	BDL	0.69	BDL	BDL	BDL	0.87	0.76	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--
sec-Butylbenzene	NSE	NSE	0.23	BDL	0.25	0.68	BDL	0.47	0.61	BDL	BDL	0.77	0.6	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.54	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--
Chlorobenzene	NSE	NSE	0.042	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	1.9	BDL	BDL	1.1	0.88	0.79	0.96	BDL	BDL	0.72	BDL	BDL	0.27	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	BDL	BDL	BDL	3.3	2.3	2.7	3.2	0.44	BDL	1.7	0.75	BDL	BDL	BDL	BDL	BDL	BDL	1.03	1.37	3.21	0.627
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.29	0.29	BDL	BDL	0.69	0.45	BDL	BDL	--	--	--	--	--
1,2-Dichlorobenzene	600	60	0.062	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.41	BDL	0.17	0.21	0.47	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	3.6	BDL	2.9	2.0	1.3	2.8	2.7	BDL	1.4	2.7	1.4	1.3	2.3	2.4	BDL	BDL	0.461	BDL	1.15	0.672	1.27
Dichlorodifluoromethane	1000	200	0.68	1.7	0.21	1.9	8.7	11	15	BDL	0.6	0.79	1.1	BDL	0.39	BDL	BDL	BDL	BDL	1.92	0.613	1.16	BDL
1,1-Dichloroethane	850	85	0.14	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.95	1.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	6.7	4.6	8.7	8.9	9.3	13	9.9	1.6	3.3	3.6	0.43	1.1	1.5	1.2	BDL	0.522	BDL	0.386	0.977	1.84	1.6
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.19	BDL	BDL	--	--	--	--	--
Ethylbenzene	700	140	12	7.3	3.1	2.2	BDL	0.83	2.8	BDL	0.62	0.46	0.23	0.2	BDL	0.31	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	0.99	0.6	0.38	0.62	BDL	0.51	0.67	BDL	0.29	0.39	0.34	0.24	0.26	0.37	BDL	BDL	--	--	--	--	--
p-Isopropyltoluene	NSE	NSE	0.12	BDL	0.72	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	0.1	BDL	BDL	BDL	BDL	0.5	0.35	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	3.1	BDL	1.5	1.3	BDL	1.7	1.7	BDL	0.68	1.2	1.5	0.55	BDL	0.67	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	0.51	BDL	0.37	0.26	BDL	BDL	0.23	BDL	BDL	0.31	0.36	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.29	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	1.7	0.7	0.26	0.3	BDL	0.5	1.2	BDL	BDL	BDL	BDL	0.13	BDL	87	BDL	BDL	1.41	0.486	0.229	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--
1,2,4-Trichlorobenzene	NSE	NSE	BDL	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	4.8	1.5	0.72	0.31	BDL	BDL	0.72	BDL	BDL	0.49	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--
1,3,5-Trimethylbenzene	NSE	NSE	0.12	BDL	0.51	0.63	BDL	0.26	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--
Trichloroethene	5.0	0.5	0.064	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	28	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	**2.8**	**1.5**	**3**	**2.2**	**2.7**	**2.8**	**1.1**	BDL	BDL	**0.51**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**0.215**
Total Xylenes	10000	1000	19	4.3	1.21	0.32	2.58	0.34	3.3	BDL	BDL	0.31	BDL	BDL	BDL	0.81	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	59.738	23.4	25.33	27.88	28.93	39.77	73.94	2.04	7.54	17.05	7.47	3.69	6.57	95.26	BDL	0.522	1.871	3.822	4.339	6.882	3.712

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																	
			B-3R																	
	ES	PAL	9/05	4/06	9/06	4/07	9/07	4/08	9/08	4/09	10/09	4/10	9/10	4/11	9/11	5/12	9/12	3/13	10/13	4/14	11/14
VOCs[1] (µg/l)																					
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.29					BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	1.55	BDL	BDL	BDL	BDL	0.37	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	1.4	1.1	0.63	0.45	1.1	1.3	BDl	0.59					BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	5.32	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	1.55	2.0	1.9	0.55	0.96	0.77	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL		BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	--	0.21	--	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	BDL	3.1*	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	**8.0**
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--					--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--					--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	0.23	BDL	BDL	0.87					BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	--	--	--	BDL	BDL	BDL	BDL	BDL	0.24					BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL					BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.88					BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	8.420	3.610	3.000	1.180	1.410	2.470	1.300	BDL	2.870						BDL	BDL	BDL	BDL	8.000

Purged Dry NoSample

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date B-4															
	ES	PAL	6/96	6/97	9/97	12/97	3/98	6/98	9/98	12/98	3/99	6/99	9/99	12/99	3/00	6/00	3/01	9/01
VOCs[1] (µg/l)																		
Benzene	5.0	0.5	0.11	BDL	BDL	BDL	0.14	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.168
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	**0.81**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	0.89	BDL	BDL	0.79	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	0.36	BDL	BDL	BDL	BDL	BDL	BDL	0.59	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	0.14	0.44	BDL	BDL	0.44	0.36	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	0.055	BDL	BDL	BDL	BDL	BDL	0.25	0.49	BDL	1.3	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.23	0.27	BDL	BDL	0.32	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	0.39	0.75	0.7	BDL	BDL	0.86	0.64	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	0.16	BDL	BDL	BDL	BDL	0.25	0.29	BDL	BDL	BDL	0.2	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	1.3	0.7	0.22	BDL	0.44	1.0	0.9	0.71	0.44	0.76	0.7	1.4	0.74	0.89	BDL	0.729
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.19	BDL	BDL
Ethylbenzene	700	140	0.072	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	0.022	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.55	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	0.088	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.16	BDL	0.42	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	0.31	BDL	0.28	BDL	BDL	BDL	0.33	BDL	BDL	BDL	BDL	BDL	BDL	0.22	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	0.047	BDL	BDL	0.24	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	0.093	BDL	BDL	BDL	0.17	BDL	BDL	BDL	0.15	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	**0.23**	BDL	BDL	BDL	BDL	**0.35**	0.17	BDL	**0.42**	**0.69**	BDL	**1.7**	**0.55**	**0.24**	**0.244**	**0.607**
Total Xylenes	10000	1000	0.26	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.41	BDL	BDL
Total VOCs	NSE	NSE	2.747	0.7	0.50	2.3	1.14	2.49	3.87	1.20	1.01	4.28	2.76	3.26	1.29	3.24	0.244	1.5

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																
			B-4																
	ES	PAL	4/02	9/02	9/03	4/04	9/04	9/05	4/06	9/06	4/07	4/08	9/08	4/09	10/09	4/10	9/10	4/11	9/11
VOCs[1] (µg/l)																			
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
n-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	BDL		BDL	BDL				BDL	BDL
sec-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	BDL		BDL	BDL				BDL	BDL
tert-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	BDL		BDL	BDL				BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
Chloromethane	30	3.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
2-Chlorotoluene	NSE	NSE	--	--	--	--	--	--	--	--	BDL		BDL	BDL				BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	0.767	0.387	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
2,2-Dichloropropane	NSE	NSE	--	--	--	--	--	--	--	--	BDL		BDL	BDL				BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
Isopropylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	BDL		BDL	BDL				BDL	BDL
p-Isopropyltoluene	NSE	NSE	--	--	--	--	--	--	--	--	BDL		BDL	BDL				BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3*	BDL		BDL	BDL				BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--		--	--				--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
n-Propylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	BDL		BDL	BDL				BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	--	--	--	--	--	--	--	--	BDL		BDL	BDL				BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--		--	--				--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	--	--	--	--	--	--	--	--	BDL		BDL	BDL				BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	--	--	--	--	--	--	--	--	BDL		BDL	BDL				BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	BDL		BDL	BDL				BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	BDL		BDL	BDL				BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL
Total VOCs	NSE	NSE	BDL	0.767	0.387	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL				BDL	BDL

Purged Dry NoSample

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date													
			B-4													
	ES	PAL	5/12	9/12	3/13	10/13	4/14	11/14	6/15	10/15	12/15	4/16	9/16	3/17	9/17	4/18	9/18
VOCs[1] (µg/l)																	
Benzene	5.0	0.5	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Bromodichloromethane	0.6	0.06	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Bromoform	4.4	0.44	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
Bromomethane	10	1.0	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
n-Butylbenzene	NSE	NSE	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
sec-Butylbenzene	NSE	NSE	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
tert-Butylbenzene	NSE	NSE	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Chlorobenzene	NSE	NSE	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Chloroethane	400	80	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloroform	6.0	0.6	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Chloromethane	30	3.0	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
2-Chlorotoluene	NSE	NSE	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31
1,2-Dichlorobenzene	600	60	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,4-Dichlorobenzene	75	15	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Dichlorodifluoromethane	1000	200	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
1,1-Dichloroethane	850	85	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,2-Dichloroethane	5.0	0.5	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
cis-1,2-Dichloroethylene	70	7.0	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
trans-1,2-Dichloroethylene	100	20	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,2-Dichloropropane	5.0	0.5	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
2,2-Dichloropropane	NSE	NSE	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
Ethylbenzene	700	140	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Isopropylbenzene	NSE	NSE	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
p-Isopropyltoluene	NSE	NSE	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Methyl tert Butyl Ether	60	12	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	5.0	0.5	BDL		BDL	BDL	BDL	**7.7**	BDL	BDL	BDL	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
Methyl Ethyl Ketone	460	90	--		--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
n-Propylbenzene	NSE	NSE	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Styrene	10	1.0	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,1,1,2-Tetrachloroethane	70	7.0	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
Tetrachloroethene	5.0	0.5	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Tetrahydrofuran	50	10	--		--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
1,2,3-Trichlorobenzene	NSE	NSE	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
1,2,4-Trichlorobenzene	NSE	NSE	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1,1-Trichloroethane	200	40	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,2,4-Trimethylbenzene	NSE	NSE	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,3,5-Trimethylbenzene	NSE	NSE	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Trichloroethene	5.0	0.5	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Trichlorofluoromethane	3490	698	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl Chloride	0.2	0.02	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Total Xylenes	10000	1000	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
Total VOCs	NSE	NSE	BDL		BDL	BDL	BDL	7.700	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Purged Dry NoSample

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date B-5														
	ES	PAL	6/96	6/97	9/97	12/97	3/98	6/98	9/98	12/98	3/99	6/99	9/99	12/99	3/00	6/00	3/01	9/01
VOCs[1] (µg/l)																		
Benzene	5.0	0.5	2.6	1.6	2.0	2.1	1.5	1.9	1.9	BDL	BDL	2.2	1.1	BDL	0.80	BDL	0.158	0.193
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**13**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	0.13	BDL	2.0	1.2	1.2	1.3	0.8	BDL	BDL	0.72	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	0.3	BDL	1.1	1.4	0.96	0.99	0.83	BDL	BDL	0.95	0.64	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	0.054	BDL	BDL	0.45	0.35	0.37	BDL	BDL	BDL	0.42	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	0.25	BDL	BDL	0.24	0.29	0.33	BDL	BDL	BDL	BDL	BDL	0.14	BDL	0.28	BDL	BDL
Chloroethane	400	80	6.7	6.2	4.0	3.8	3.0	3.1	1.9	BDL	BDL	2.4	1.4	0.56	0.96	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	BDL	BDL	13	9.4	13	BDL	3.6	18	BDL	8.7	3.4	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	0.4	BDL	2.2	1.9	1.4	1.5	BDL	BDL	BDL	1.1	0.56	0.36	0.44	0.58	BDL	BDL
1,4-Dichlorobenzene	75	15	4.3	BDL	4.9	4.4	3.8	4.2	3.3	BDL	0.9	3.0	1.7	1.9	2.5	2.4	0.217	0.512
Dichlorodifluoromethane	1000	200	1.1	BDL	4.8	10	23	37	11	BDL	BDL	4.3	3.3	0.58	1.3	BDL	BDL	0.707
1,1-Dichloroethane	850	85	0.51	BDL	BDL	BDL	BDL	0.48	0.38	BDL	BDL	0.24	0.38	0.16	0.74	0.44	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	0.91	0.8	0.85	0.57	BDL	0.9	0.75	BDL	BDL	0.39	BDL	0.41	BDL	0.18	BDL	BDL
trans-1,2-Dichloroethylene	100	20	0.067	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.19	BDL	BDL
Ethylbenzene	700	140	3.6	6.0	5.7	3.4	2.4	2.0	1.8	BDL	BDL	0.69	0.13	0.12	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	0.9	0.7	0.75	0.93	0.7	0.76	0.5	BDL	BDL	0.38	0.31	0.14	BDL	0.31	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	1.1	2.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	0.55	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	0.19	BDL	BDL	BDL	BDL	0.41	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	3.2	3.4	4.5	5.4	3.4	0.46	3.5	BDL	BDL	2.8	1.6	1.0	1.2	0.69	BDL	BDL
n-Propylbenzene	NSE	NSE	0.27	BDL	0.44	0.38	0.39	0.34	0.24	BDL	BDL	0.3	BDL	BDL	0.40	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.32	0.31	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	0.56	0.7	0.28	0.17	0.37	0.27	0.54	BDL	BDL	0.2	BDL	0.13	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.16	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.75	BDL	BDL	BDL	0.264
1,2,4-Trimethylbenzene	NSE	NSE	3.7	BDL	3.8	3.6	2.1	2.1	2.2	BDL	BDL	0.88	BDL	0.15	BDL	0.35	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	1.1	1.1	1.5	1.5	0.95	0.86	0.69	BDL	BDL	0.34	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	0.19	BDL	0.34	BDL	0.17	0.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	**1.0**	**0.8**	**2.5**	**0.26**	**0.71**	**1.1**	**0.24**	BDL	BDL	**0.53**	BDL	BDL	0.10	BDL	BDL	BDL
Total Xylenes	10000	1000	9.6	14.6	9.5	5.02	3.08	2.83	3.29	BDL	BDL	0.58	BDL	BDL	BDL	0.47	BDL	BDL
Total VOCs	NSE	NSE	41.631	35.9	65.26	58.62	62.77	63.4	38.01	31	0.9	31.12	14.52	6.88	8.75	5.89	0.375	1.676

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																
			B-5																
	ES	PAL	4/02	9/02	4/03	9/03	4/04	9/04	3/05	9/05	4/06	9/06	4/07	9/07	4/08	9/08	4/09	10/09	4/10	9/10
VOCs[1] (µg/l)																				
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.2	BDL	0.29	0.29	0.29
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	BDL	1.29	0.438	0.639	BDL	0.481	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	0.653	BDL	0.938	BDL	0.857	BDL	0.634	0.48	0.92	0.73	0.85	0.87	0.9	0.64	0.92	0.75	0.55
Dichlorodifluoromethane	1000	200	BDL	1.71	0.992	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.1*	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.64	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	**0.251**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	BDL	3.653	1.430	1.577	BDL	1.589	BDL	0.634	0.480	0.920	0.730	0.850	0.870	1.100	0.640	1.850	1.040	0.840

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date															
			B-5															
	ES	PAL	4/11	9/11	5/12	9/12	3/13	10/13	4/14	11/14	6/15	10/15	12/15	4/16	9/16	3/17	9/17	4/18	9/18
VOCs[1] (µg/l)																			
Benzene	5.0	0.5	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Bromoform	4.4	0.44	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
Bromomethane	10	1.0	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Chlorobenzene	NSE	NSE	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Chloroethane	400	80	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloroform	6.0	0.6	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Chloromethane	30	3.0	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.67	<0.67	<0.67	1.0	<0.67	<0.67
1,1-Dichloroethane	850	85	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
Ethylbenzene	700	140	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	5.0	0.5	BDL	BDL	BDL		BDL	BDL	BDL	**7.7**	BDL	BDL	BDL	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
Methyl Ethyl Ketone	460	90	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Styrene	10	1.0	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Tetrahydrofuran	50	10	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Trichloroethene	5.0	0.5	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Trichlorofluoromethane	3490	698	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Total Xylenes	10000	1000	BDL	BDL	BDL		BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
Total VOCs	NSE	NSE	BDL	BDL	BDL		BDL	BDL	BDL	7.700	BDL	BDL	BDL	BDL	BDL	BDL	1.000	BDL	BDL

Purged Dry NoSample

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date B-6															
	ES	PAL	6/96	6/97	9/97	12/97	3/98	6/98	9/98	12/98	3/99	6/99	9/99	12/99	3/00	6/00	3/01	9/01
VOCs[1] (µg/l)																		
Benzene	5.0	0.5	0.11	BDL	BDL	0.17	BDL	BDL	BDL	BDL	BDL	0.59	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	0.8	BDL	BDL	1.1	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.9	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	0.052	BDL	BDL	0.33	BDL	BDL	BDL	BDL	BDL	0.59	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.38	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	0.56	BDL	0.17	0.45	BDL	BDL	0.42	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	0.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	0.04	BDL	BDL	BDL	BDL	0.34	0.24	0.35	BDL	2	0.65	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	5.6	BDL	0.37	0.51	0.41	0.41	0.35	BDL	0.37	0.56	0.44	0.38	BDL	0.33	0.599	BDL
Dichlorodifluoromethane	1000	200	0.066	BDL	0.26	0.39	1.9	3.6	1.6	BDL	BDL	1.1	0.63	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	0.062	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	1.1	BDL	BDL	0.53	BDL	0.78	0.89	BDL	0.53	0.58	BDL	0.3	BDL	BDL	0.259	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.19	BDL	BDL
Ethylbenzene	700	140	0.17	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	0.039	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.52	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	0.044	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	0.12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.28	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	0.23	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	0.039	BDL	BDL	BDL	BDL	BDL	0.33	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	0.69	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	0.088	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	0.076	BDL	BDL	0.38	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	0.1	BDL	BDL	BDL	BDL	BDL	0.086	BDL	BDL	**0.4**	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	0.138	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	7.884	BDL	0.63	4.21	2.31	5.3	4.746	0.35	0.9	9.42	1.72	0.68	BDL	0.52	0.858	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date B-6																	
	ES	PAL	4/02	9/02	4/03	9/03	4/04	9/04	3/05	9/05	4/06	9/06	9/07	4/08	9/08	4/09	10/09	4/10	9/10	4/11	9/11
VOCs[1] (µg/l)																					
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
Chloromethane	30	3.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.2	0.4	BDL	BDL		BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.8*	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--	--	--
Toluene	1000	200	0.952	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.22	BDL	BDL		BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	0.952	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.20	0.620	BDL	BDL		BDL	BDL	BDL	BDL

Purged Dry NoSample

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date														
			B-6														
	ES	PAL	5/12	9/12	3/13	10/13	4/14	11/14	6/15	10/15	12/15	4/16	9/16	3/17	9/17	4/18	9/18
VOCs[1] (µg/l)																	
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Chloromethane	30	3.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<1.6	**13**	<1.6	<1.6	<1.6	<1.6
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
Total VOCs	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	13,000	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																	
			PW-1																	
	ES	PAL	10/95	6/96	6/97	6/98	6/99	6/00	9/01	9/02	9/03	9/04	9/05	9/06	9/08	10/09	9/10	9/11	9/12	10/13	6/14
VOCs[1] (µg/l)																					
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	0.065	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.37	0.089	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	1.2	0.67	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	0.043	0.046	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	0.097	0.083	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	0.039	0.032	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.4*	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.13
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	0.244	0.161	BDL	1.2	0.67	BDL	BDL	BDL	BDL	BDL	0.37	0.09	BDL	BDL	BDL	BDL	BDL	BDL	0.13

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																			
			PW-2																			
	ES	PAL	10/95	6/96	6/97	6/98	6/99	7/99	8/99*	6/00	9/01	9/02	9/03	9/04	9/05	9/06	9/08	10/09	9/10	9/11	9/12	10/13	6/14
VOCs[1] (µg/l)																							
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL						
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL						
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL						
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						
Chloroethane	400	80	BDL	BDL	BDL	0.19	0.36	BDL	0.27	BDL	BDL	BDL	BDL	BDL	BDL	0.08	BDL						
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						
Chloromethane	30	3.0	0.052	BDL	BDL	BDL	1.4	0.57	BDL	BDL	BDL	BDL	BDL	BDL	0.276	0.11	BDL						
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL						
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	0.16	0.57	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.16						
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	2.7	1.0	1.8	BDL	--	BDL	BDL	BDL	BDL	BDL	0.098	BDL						
1,1-Dichloroethane	850	85	0.064	0.056	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.074	BDL						
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						
cis-1,2-Dichloroethylene	70	7.0	0.089	0.064	BDL	BDL	BDL	BDL	0.17	BDL	BDL	BDL	BDL	BDL	BDL	0.06	BDL						
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL						
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL						
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL						
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	NA	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL						
Methylene Chloride	5.0	0.5	0.15	0.14	BDL	0.38	BDL	BDL	0.2	BDL	BDL	BDL	BDL	BDL	BDL	3.8*	BDL						
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL						
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL						
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL						
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.26	BDL	BDL	BDL	BDL	BDL	BDL	BDL						
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL						
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	BDL	BDL	BDL	--	--	--	--						
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.057	0.1						
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL						
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL						
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL						
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL						
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	**0.38**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	0.84	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						
Total VOCs	NSE	NSE	0.355	0.26	BDL	3.27	3.3	3.78	0.64	1.26	BDL	BDL	BDL	BDL	0.28	0.48	0.26						

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date PW-3																		
	ES	PAL	10/95	6/96	6/97	6/98	6/99	6/00	9/01	9/02	9/03	9/04	9/05	9/06	9/07	9/08	10/09	9/10	9/11	9/12	10/13	6/14
VOCs[1] (µg/l)																						
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	0.59	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NoSample	NoSample	NoSample
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
Chloroethane	400	80	BDL	BDL	BDL	BDL	0.35	BDL	BDL	BDL	BDL	BDL	BDL	0.1	0.06	BDL	BDL	BDL	BDL			
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
Chloromethane	30	3.0	0.046	0.16	BDL	BDL	BDL	BDL	BDL	0.29	BDL	BDL	0.242	0.12	0.1	BDL	BDL	BDL	BDL			
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	0.15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
Dichlorodifluoromethane	1000	200	0.22	0.22	0.6	0.69	2.2	--	1.53	1.77	1.75	1.8	1.28	0.92	0.61	1.3	2.0	1.8	1.3			
1,1-Dichloroethane	850	85	0.11	0.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.084	0.06	BDL	BDL	BDL	BDL			
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	0.518	BDL	BDL	BDL	BDL	BDL	3.7*	BDL	BDL	BDL	BDL	BDL			
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
Tetrahydrofuran	50	10	--	--	--	--	--	--	BDL	BDL	BDL	--	--	--	--	--	--	--	--			
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
Total VOCs	NSE	NSE	0.376	0.46	0.6	0.69	3.29	0.518	1.530	2.06	1.75	1.80	1.52	1.22	0.83	1.30	2.00	1.80	1.30			

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date PW-6																	
	ES	PAL	10/95	6/96	6/97	6/98	6/99	6/00	9/01	9/02	9/03	9/04	9/05	9/06	10/06	9/07	9/08	10/09	9/10	9/11	9/12
VOCs[1] (µg/l)																					
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	0.58	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	0.57	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	0.33	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.171	0.127	0.47	0.33	BDL	0.29	BDL	0.17	0.92	0.83
Chloromethane	30	3.0	0.094	BDL	BDL	BDL	1.2	BDL	BDL	BDL	0.34	BDL	BDL	0.12	0.12	0.05	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	0.042	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	0.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	0.56	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	0.55	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	0.31	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.4*	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	0.7	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	BDL	--	--	--	--	--	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	0.53	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	0.45	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	0.2	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	0.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	0.094	0.042	BDL	0.31	6.17	BDL	BDL	BDL	0.34	0.17	0.13	0.59	0.45	0.05	0.29	BDL	0.17	0.92	0.83

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date											
			PW-6											
	ES	PAL	10/13	6/14	4/15	6/15	10/15	12/15	4/16	9/16	3/17	9/17	4/18	9/18
VOCs[1] (µg/l)														
Benzene	5.0	0.5	BDL	BDL		BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Bromodichloromethane	0.6	0.06	BDL	BDL		BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Bromoform	4.4	0.44	BDL	BDL		BDL	BDL	BDL	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
Bromomethane	10	1.0	BDL	BDL		BDL	BDL	BDL	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
n-Butylbenzene	NSE	NSE	BDL	BDL		BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
sec-Butylbenzene	NSE	NSE	BDL	BDL		BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
tert-Butylbenzene	NSE	NSE	BDL	BDL		BDL	BDL	BDL	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Chlorobenzene	NSE	NSE	BDL	BDL		BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Chloroethane	400	80	BDL	BDL		BDL	BDL	BDL	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloroform	6.0	0.6	0.53	2.2		0.96	1.1	0.72	0.40 (J)	1.6	1.6	1.5	<0.37	1.8
Chloromethane	30	3.0	BDL	BDL		BDL	0.1	BDL	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
2-Chlorotoluene	NSE	NSE	BDL	BDL		BDL	BDL	BDL	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31
1,2-Dichlorobenzene	600	60	BDL	BDL		BDL	BDL	BDL	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,4-Dichlorobenzene	75	15	BDL	BDL		BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Dichlorodifluoromethane	1000	200	BDL	BDL		BDL	BDL	BDL	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
1,1-Dichloroethane	850	85	BDL	BDL		BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,2-Dichloroethane	5.0	0.5	BDL	BDL		BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL		BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
trans-1,2-Dichloroethylene	100	20	BDL	BDL		BDL	BDL	BDL	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,2-Dichloropropane	5.0	0.5	BDL	BDL		BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
2,2-Dichloropropane	NSE	NSE	BDL	BDL		BDL	BDL	BDL	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
Ethylbenzene	700	140	BDL	BDL		BDL	BDL	BDL	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Isopropylbenzene	NSE	NSE	BDL	BDL		BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
p-Isopropyltoluene	NSE	NSE	BDL	BDL		BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Methyl tert Butyl Ether	60	12	BDL	BDL		BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	5.0	0.5	BDL	BDL		BDL	BDL	BDL	<1.6	<1.6	<1.6	<1.6	<1.6	0.24
Methyl Ethyl Ketone	460	90	BDL	BDL		BDL	BDL	BDL	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL		BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
n-Propylbenzene	NSE	NSE	BDL	BDL		BDL	BDL	BDL	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Styrene	10	1.0	BDL	BDL		BDL	BDL	BDL	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL		BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
Tetrachloroethene	5.0	0.5	BDL	BDL		BDL	BDL	BDL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Tetrahydrofuran	50	10	--	--		--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL		BDL	BDL	BDL	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL		BDL	BDL	BDL	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL		BDL	BDL	BDL	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1,1-Trichloroethane	200	40	BDL	BDL		BDL	BDL	BDL	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL		BDL	BDL	BDL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL		BDL	BDL	BDL	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Trichloroethene	5.0	0.5	BDL	BDL		BDL	BDL	BDL	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Trichlorofluoromethane	3490	698	BDL	BDL		BDL	BDL	BDL	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl Chloride	0.2	0.02	BDL	BDL		BDL	BDL	BDL	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Total Xylenes	10000	1000	BDL	BDL		BDL	BDL	BDL	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
Total VOCs	NSE	NSE	0.53	2.20		0.96	1.20	0.72	0.400	1.600	1.600	1.500	BDL	2.040

NoSample

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date PW-8																		
	ES	PAL	10/95	6/96	6/97	6/98	6/99	6/00	9/01	9/02	9/03	9/04	9/05	9/06	9/07	9/08	10/09	9/10	9/11	9/12	10/13	6/14
VOCs[1] (µg/l)																						
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	0.045	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.35	BDL	0.16	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	0.17	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	0.52	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.09	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	0.32	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.8*	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.25	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	0.045	BDL	BDL	0.32	0.69	BDL	BDL	BDL	BDL	BDL	0.35	BDL	0.50	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																
			PW-9																
	ES	PAL	10/95	6/96	6/97	6/98	6/00	9/01	9/02	9/03	9/04	9/05	9/06	9/07	10/09	9/10	9/11	9/12	10/13	6/14
VOCs[1] (µg/l)																				
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
Chloromethane	30	3.0	0.044	0.032	BDL	BDL	BDL	0.196	BDL	BDL	BDL	BDL	BDL	0.06		BDL			BDL	
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
Methylene Chloride	5.0	0.5	0.029	BDL	1.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4*	BDL		BDL			BDL	
Methyl Ethyl Ketone	460	90	--	--	--	--	--	BDL	4.65	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
Tetrahydrofuran	50	10	--	--	--	--	--	BDL	BDL	BDL	--	--	--	--		--			--	
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL			BDL	
Total VOCs	NSE	NSE	0.073	0.032	1.2	BDL	BDL	0.196	4.65	BDL	BDL	BDL	BDL	0.06		BDL			BDL	

NoSample

NoSample

NoSample (Closed)

NoSample (Closed)

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date															
			PW-10															
	ES	PAL	10/95	6/96	6/97	6/98	6/99	6/00	9/01	9/02	9/03	9/04	9/06	9/07	9/08	9/12	10/13	6/14
VOCs[1] (µg/l)																		
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL		BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL		BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL		BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL
Chloromethane	30	3.0	0.037	0.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.096	0.25	0.22		BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL		BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	0.16	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL		BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL		BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	0.51	--	--	--	BDL	BDL	BDL	BDL	BDL		BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL
Methylene Chloride	5.0	0.5	0.022	0.025	BDL	0.34	BDL	BDL	BDL	BDL	BDL	BDL	3.6*	BDL	BDL		BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	0.21	--	--	--	BDL	BDL	BDL	BDL	BDL		BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL		BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	0.49	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	BDL	BDL	BDL	--	--	--	--		--	--
Toluene	1000	200	0.044	0.032	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.09	BDL		BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL		BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL		BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	0.4	--	--	--	BDL	BDL	BDL	BDL	BDL		BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL		BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL	BDL
Total VOCs	NSE	NSE	0.103	0.357	BDL	0.83	1.28	BDL	BDL	BDL	BDL	BDL	0.10	0.34	0.22		BDL	BDL

NoSample (Closed)

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date PW-14													
	ES	PAL	10/95	6/97	6/99	6/00	9/01	9/02	9/04	10/06	9/07	10/09	9/10	9/11	9/12	10/13	6/14
VOCs[1] (µg/l)																	
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	0.039	BDL	BDL	BDL	0.23	BDL	BDL	BDL	0.14	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	0.19	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	1.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	BDL	BDL	BDL	BDL	--	--	--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	BDL	BDL	--	--	--	--	--	--	--	--	--
Toluene	1000	200	0.026	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	0.065	1.1	0.19	BDL	0.23	BDL	BDL	BDL	0.14	BDL	BDL	BDL	BDL	BDL	BDL

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																			
			PW-15																			
	ES	PAL	10/95	6/96	6/97	6/98	11/98	6/99	7/99	8/99	6/00	6/00	9/01	9/02	12/02	4/03	7/03	9/03	12/03	4/04	7/04	9/04	12/04
VOCs[1] (µg/l)																							
Benzene	5.0	0.5	0.04	0.031	BDL	BDL	BDL	0.59	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.127	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	1.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	0.26	BDL	0.54	0.33	0.63	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	0.085	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	30	3.0	0.068	0.038	BDL	1.1	0.18	2.4	1.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	0.24	0.58	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	6.6	4.9	1.2	4.1	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	0.19	0.2	BDL	0.31	BDL	BDL	BDL	0.22	BDL	BDL	BDL	0.155	0.129	0.115	0.104	0.134	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	0.54	0.74	BDL	1.0	1.0	1.0	1.3	1.3	0.562	0.564	0.475	0.505	0.377	0.398	0.387	0.556	0.414	0.437	0.407	0.412	0.306
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	0.027	BDL	BDL	BDL	3.8	BDL	BDL	BDL	BDL	BDL	3.02	0.973	1.53	0.404	2.06	0.137	BDL	0.736	0.791	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	0.51	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	0.043	0.031	BDL	0.36	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	0.28	BDL	BDL	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	0.37	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	0.11	0.094	BDL	BDL	0.24	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	0.22	BDL	BDL	--	--	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	0.055	0.049	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	**0.42**	0.11	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	0.83	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	1.131	1.21	BDL	9.63	6.32	12.67	8.75	2.15	0.562	0.564	0.475	3.68	1.48	2.17	0.895	2.75	0.55	0.437	1.143	1.203	0.306

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date PW-15																				
	ES	PAL	3/05	6/05	9/05	12/05	4/06	6/06	9/06	12/06	4/07	9/07	12/07	4/08	6/08	9/08	1/09	4/09	10/09	7/10	4/10	9/10	12/10
VOCs[1] (µg/l)																							
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.1	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.05	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	0.089	0.086	0.066	BDL	0.072	0.072	0.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.17	BDL	BDL	BDL
Chloromethane	30	3.0	BDL	BDL	0.293	0.16	BDL	0.21	0.21	0.18	0.094	0.09	BDL	0.26	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	0.11	0.11	0.091	0.098	0.11	0.089	0.1	0.09	0.07	BDL	0.06	0.07	0.07	0.8	0.06	BDL	0.80	0.8
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	0.332	0.352	0.359	0.28	0.35	0.28	0.16	0.25	0.059	0.21	0.24	0.2	BDL	0.14	0.13	0.12	0.11	0.07	0.10	0.15	0.12
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	1.02	0.211	0.469	0.22	BDL	BDL	0.37	0.074	BDL	0.36	0.2	0.26	BDL	0.83	0.06	0.31	0.54	BDL	BDL	1.3	0.11
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	0.41	0.56	BDL	BDL	BDL	0.43	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	0.058	0.078	0.057	0.063	0.068	0.061	0.07	0.06	0.06	BDL	BDL	0.06	0.05	0.05	0.05	BDL	0.05	0.06
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.055	BDL	BDL	BDL	0.25	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	0.054	0.052	0.044	BDL	0.042	BDL	0.05	0.04	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.28	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	1.352	0.563	1.121	1.381	1.236	0.748	0.901	0.796	0.860	1.010	0.630	0.850	0.590	1.030	0.320	0.550	1.500	0.450	0.100	2.300	1.090

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																		
			PW-15																		
	ES	PAL	9/11	12/11	4/12	9/12	12/12	3/13	6/13	10/13	12/13	6/14	1/15	4/15	6/15	10/15	12/15	10/16	3/17	9/17	4/18	9/18
VOCs[1] (µg/l)																					
Benzene	5.0	0.5	BDL	BDL	BDL		BDL	BDL	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13			<0.13	<0.13	<0.13	<0.15	<0.15
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL		BDL	BDL	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14			<0.14	<0.14	<0.14	<0.37	<0.37
Bromoform	4.4	0.44	BDL	BDL	BDL		BDL	BDL	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13			<0.13	<0.13	<0.13	<0.48	<0.48
Bromomethane	10	1.0	BDL	BDL	BDL		BDL	BDL	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051			<0.23	<0.23	<0.23	<0.80	<0.80
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL		BDL	BDL	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081			<0.081	<0.081	<0.081	<0.39	<0.39
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL		BDL	BDL	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068			<0.068	<0.068	<0.068	<0.40	<0.40
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL		BDL	BDL	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060			<0.060	<0.060	<0.060	<0.40	<0.40
Chlorobenzene	NSE	NSE	BDL	BDL	BDL		BDL	BDL	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12			<0.12	<0.12	<0.12	<0.39	<0.39
Chloroethane	400	80	BDL	BDL	BDL		BDL	BDL	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070			<0.20	<0.20	<0.20	<0.51	<0.51
Chloroform	6.0	0.6	BDL	BDL	BDL		BDL	BDL	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14			<0.14	<0.14	<0.14	<0.37	<0.37
Chloromethane	30	3.0	BDL	BDL	BDL		BDL	0.12 (J)	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063			<0.17	<0.17	<0.17	<0.32	<0.32
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL		BDL	BDL	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050			<0.12	<0.12	<0.12	<0.31	<0.31
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL		BDL	BDL	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16			<0.16	<0.16	<0.16	<0.33	<0.33
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL		BDL	BDL	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13			<0.13	<0.13	<0.13	<0.36	<0.36
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL		BDL	BDL	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070			<0.15	<0.15	<0.15	<0.67	<0.67
1,1-Dichloroethane	850	85	0.05	BDL	BDL		BDL	BDL	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074			<0.18	<0.18	<0.18	<0.41	<0.41
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL		BDL	BDL	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14			<0.14	<0.14	<0.14	<0.39	<0.39
cis-1,2-Dichloroethylene	70	7.0	0.07	0.068	BDL		BDL	BDL	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12			<0.12	<0.12	<0.12	<0.41	<0.41
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL		BDL	BDL	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13			<0.13	<0.13	<0.13	<0.35	<0.35
1,2-Dichloropropane	5.0	0.5	0.28	BDL	0.47 (J)		BDL	BDL	1.1	0.14	0.2	0.12	0.28	0.39	1.2			0.61	<0.11	0.76	<0.43	0.26
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL		BDL	BDL	<0.048	<0.048	<0.048	<0.048	<0.048	<0.048	<0.048			<0.35	<0.35	<0.35	<0.44	<0.44
Ethylbenzene	700	140	BDL	BDL	BDL		BDL	BDL	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11			<0.11	<0.11	<0.11	<0.18	<0.18
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL		BDL	BDL	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053			<0.16	<0.16	<0.16	<0.39	<0.39
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL		BDL	BDL	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063			<0.063	<0.063	<0.063	<0.36	<0.36
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL		BDL	BDL	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12			<0.12	<0.12	<0.12	<0.39	<0.39
Methylene Chloride	5.0	0.5	BDL	BDL	BDL		BDL	BDL	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25			<0.99	<0.99	<0.99	<1.6	0.24
Methyl Ethyl Ketone	460	90	BDL	BDL	--		--	--	--	--	--	--	--	--	--			--	--	--	--	--
Naphthalene	40	8.0	BDL	BDL	BDL		BDL	BDL	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060			<0.15	<0.15	<0.15	<0.34	<0.34
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL		BDL	BDL	<0.057	<0.057	<0.057	<0.057	<0.057	<0.057	<0.057			<0.13	<0.13	<0.13	<0.41	<0.41
Styrene	10	1.0	BDL	BDL	BDL		BDL	BDL	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044			<0.13	<0.13	<0.13	<0.39	<0.39
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL		BDL	BDL	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14			<0.14	<0.14	<0.14	<0.46	<0.46
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL		BDL	BDL	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067			<0.20	<0.20	<0.20	<0.37	<0.37
Tetrahydrofuran	50	10	BDL	BDL	--		--	--	--	--	--	--	--	--	--			--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL		BDL	BDL	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10			<0.10	<0.10	<0.10	<0.15	<0.15
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL		BDL	BDL	<0.057	<0.057	<0.057	<0.057	<0.057	<0.057	<0.057			<0.16	<0.16	<0.16	<0.46	<0.46
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL		BDL	BDL	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13			<0.13	<0.13	<0.13	<0.34	<0.34
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL		BDL	BDL	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063			<0.21	<0.21	<0.21	<0.38	<0.38
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL		BDL	BDL	<0.090	<0.090	<0.090	<0.090	<0.090	<0.090	<0.090			<0.090	<0.090	<0.090	<0.34	<0.34
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL		BDL	BDL	<0.043	<0.043	<0.043	<0.043	<0.043	<0.043	<0.043			<0.13	<0.13	<0.13	<0.25	<0.25
Trichloroethene	5.0	0.5	BDL	BDL	BDL		BDL	BDL	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060			<0.18	<0.18	<0.18	<0.16	<0.16
Trichlorofluoromethane	3490	698	BDL	BDL	BDL		BDL	BDL	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044			<0.19	<0.19	<0.19	<0.43	<0.43
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL		BDL	BDL	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059			<0.18	<0.18	<0.18	<0.20	<0.20
Total Xylenes	10000	1000	BDL	BDL	BDL		BDL	BDL	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20			<0.12	<0.12	<0.12	<0.22	<0.22
Total VOCs	NSE	NSE	0.400	0.068	BDL		BDL	BDL	1.1	0.14	0.2	0.12	0.28	0.39	1.2			0.61	0	0.76	0	0.5

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date PW-16																	
	ES	PAL	10/95	6/96	6/97	6/99	6/00	9/01	12/02	9/03	9/04	9/05	9/06	9/07	9/08	10/09	9/10	9/11	9/12	10/13	6/14
VOCs[1] (µg/l)																					
Benzene	5.0	0.5	0.03	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	1.5	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.14	0.38	0.24	0.06		0.29				0.14
Chloromethane	30	3.0	0.05	0.066	BDL	1.1	BDL	BDL	BDL	BDL	BDL	0.308	0.11	0.13	BDL		BDL				BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	0.18	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	0.62	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.338	BDL	BDL	BDL		BDL				BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	0.5	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.6*	BDL	BDL		BDL				BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
Tetrachloroethene	5.0	0.5	0.099	0.14	BDL	BDL	BDL	BDL	0.135	BDL	BDL	BDL	0.096	0.1	0.07		0.10				BDL
Tetrahydrofuran	50	10	--	--	--	--	--	0.541	BDL	0.127	--	--	--	--	--		--				--
Toluene	1000	200	0.062	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
1,2,4-Trimethylbenzene	NSE	NSE	0.32	BDL	BDL	0.38	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
1,3,5-Trimethylbenzene	NSE	NSE	0.089	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		BDL				BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.325	BDL	BDL	BDL		BDL				BDL
Total VOCs	NSE	NSE	0.65	0.206	0.6	4.28	BDL	0.541	0.135	0.127	BDL	2.111	0.586	0.470	0.130		0.390				0.140

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date PW-17																					
	ES	PAL	10/95	6/96	6/97	6/98	6/99	6/00	9/01	9/02	9/03	9/04	9/05	9/06	9/07	9/08	10/09	9/10	9/11	9/12	10/13	6/14	3/17	
VOCs[1] (µg/l)																								
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	0.59	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.05	BDL	BDL						BDL	
Chloroform	6.0	0.6	0.065	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
Chloromethane	30	3.0	0.065	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.203	0.084	0.13	BDL	BDL						BDL	
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	0.18	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
Dichlorodifluoromethane	1000	200	BDL	0.048	BDL	1.9	0.96	--	BDL	BDL	BDL	BDL	BDL	0.05	BDL	BDL	BDL						BDL	
1,1-Dichloroethane	850	85	0.031	0.048	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.063	BDL	BDL	BDL						BDL	
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	0.36	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	0.31	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.8*	BDL	BDL	BDL						BDL	
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
Tetrahydrofuran	50	10	--	--	--	--	--	--	BDL	BDL	BDL	--	--	--	--	--	--						--	
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.06	BDL	BDL						BDL	
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						BDL	
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.16	BDL	BDL						BDL	
Total VOCs	NSE	NSE	0.161	0.1	BDL	2.21	2.09	BDL	BDL	BDL	BDL	BDL	0.20	0.20	0.40	BDL	BDL						BDL	

NoSample

NoSample

NoSample (Water Not On)

NoSample (Water Not On)

NoSample (Water Not On)

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date PW-18																			
	ES	PAL	10/95	6/96	6/97	6/99	6/00	9/01	9/02	9/03	9/04	9/05	9/06	9/07	11/07	4/08	9/08	10/09	9/10	11/10	9/11	9/12	12/12
VOCs[1] (µg/l)																							
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	0.9	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.181	1.48	3.24	5.5	**6.1**	3.3	1.8	1.6	5.8	**6.0**	5.8	5.0	**7.3**	**7.2**
Chloromethane	30	3.0	0.047	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.355	0.065	0.07	0.09	0.22	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	75	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	1000	200	BDL	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3*	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Ethyl Ketone	460	90	--	--	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	5.0	0.5	0.11	0.058	BDL	BDL	BDL	BDL	BDL	0.116	BDL	BDL	0.059	0.08	0.06	0.06	0.05	0.06	0.07	0.07	0.065	BDL	BDL
Tetrahydrofuran	50	10	--	--	--	--	--	BDL	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	BDL	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total VOCs	NSE	NSE	0.157	0.058	BDL	0.90	BDL	BDL	BDL	0.297	1.48	3.60	5.62	6.25	3.45	2.08	1.65	5.86	6.07	5.87	5.07	7.30	7.20

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																			
			PW-18 (Treatment System)																			
			1/13	1/13	1/13	3/13	3/13	6/13	6/13	10/13	10/13	12/13	12/13	7/14	7/14	11/14	11/14	1/15	1/15	4/15	4/15	6/15	6/15
	ES	PAL	Pre-Treatment	Post-Treat Sink	Post-Treat Refrige	Pre-Treatment	Post-Treat	Pre-Treatment	Post-Treat	Pre-Treatment	Post-Treat	Pre-Treatment	Post-Treat	Pre-Treatment	Post-Treat	Pre-Treatment	Post-Treat	Pre-Treatment	Post-Treat	Pre-Treat	Post-Treat	Pre-Treat-ment	Post-Treat
VOCs[1] (µg/l)																						
Benzene	5.0	0.5	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13		<0.13	<0.13		<0.13	<0.13	
Bromodichloromethane	0.6	0.06	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14		<0.14	<0.14		<0.14	<0.14	
Bromoform	4.4	0.44	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13		<0.13	<0.13		<0.13	<0.13	
Bromomethane	10	1.0	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051		<0.051	<0.051		<0.051	<0.051	
n-Butylbenzene	NSE	NSE	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081		<0.081	<0.081		<0.081	<0.081	
sec-Butylbenzene	NSE	NSE	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068		<0.068	<0.068		<0.068	<0.068	
tert-Butylbenzene	NSE	NSE	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060		<0.060	<0.060		<0.060	<0.060	
Chlorobenzene	NSE	NSE	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12		<0.12	<0.12		<0.12	<0.12	
Chloroethane	400	80	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070		<0.070	<0.070		<0.070	<0.070	
Chloroform	30	3.0	7.4	<0.14	<0.14	8.1	<0.14	3.8	<0.14	5.6	<0.14	5.6	<0.14	0.54	<0.14	2.3		2.9	0.32		0.91	4.1	
Chloromethane	3.0	0.3	<0.063	<0.063	0.44 (J)	0.078 (J)	0.069 (J)	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063		<0.063	<0.063		<0.063	<0.063	
2-Chlorotoluene	NSE	NSE	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050		<0.050	<0.050		<0.050	<0.050	
1,2-Dichlorobenzene	600	60	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16		<0.16	<0.16		<0.16	<0.16	
1,4-Dichlorobenzene	75	15	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13		<0.13	<0.13		<0.13	<0.13	
Dichlorodifluoromethane	1000	200	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070		<0.070	<0.070		<0.070	<0.070	
1,1-Dichloroethane	850	85	<0.070	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074		<0.074	<0.074		<0.074	<0.074	
1,2-Dichloroethane	5.0	0.5	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14		<0.14	<0.14		<0.14	<0.14	
cis-1,2-Dichloroethylene	70	7.0	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	BDL	<0.12	<0.12		<0.12	<0.12		<0.12	<0.12	
trans-1,2-Dichloroethylene	100	20	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13		<0.13	<0.13		<0.13	<0.13	
1,2-Dichloropropane	5.0	0.5	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11		<0.11	<0.11		<0.11	<0.11	
2,2-Dichloropropane	NSE	NSE	<0.048	<0.048	<0.048	<0.048	<0.048	<0.048	<0.048	<0.048	<0.048	<0.048	<0.048	<0.048	<0.048	<0.048		<0.048	<0.048		<0.048	<0.048	
Ethylbenzene	700	140	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11		<0.11	<0.11		<0.11	<0.11	
Isopropylbenzene	NSE	NSE	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053		<0.053	<0.053		<0.053	<0.053	
p-Isopropyltoluene	NSE	NSE	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063		<0.063	<0.063		<0.063	<0.063	
Methyl tert Butyl Ether	60	12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12		<0.12	<0.12		<0.12	<0.12	
Methylene Chloride	5.0	0.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25		<0.25	<0.25		<0.25	<0.25	
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--			--	
Naphthalene	40	8.0	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060		<0.060	<0.060		<0.060	<0.060	
n-Propylbenzene	NSE	NSE	<0.057	<0.057	<0.057	<0.057	<0.057	<0.057	<0.057	<0.057	<0.057	<0.057	<0.057	<0.057	<0.057	<0.057		<0.057	<0.057		<0.057	<0.057	
Styrene	10	1.0	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044		<0.044	<0.044		<0.044	<0.044	
1,1,1,2-Tetrachloroethane	700	7.0	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14		<0.14	<0.14		<0.14	<0.14	
Tetrachloroethene	5.0	0.5	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067		<0.067	<0.067		<0.067	<0.067	
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--	--	
Toluene	1000	200	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	--	<0.10	<0.10	<0.10		<0.10	<0.10		<0.10	<0.10	
1,2,3-Trichlorobenzene	NSE	NSE	<0.057	<0.057	<0.057	<0.057	<0.057	<0.057	<0.057	<0.12	<0.12	<0.12	--	<0.12	<0.12	<0.12		<0.12	<0.12		<0.12	<0.12	
1,2,4-Trichlorobenzene	NSE	NSE	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	--	<0.13	<0.13	<0.13		<0.13	<0.13		<0.13	<0.13	
1,1,1-Trichloroethane	200	40	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	--	<0.063	<0.063	<0.063		<0.063	<0.063		<0.063	<0.063	
1,2,4-Trimethylbenzene	NSE	NSE	<0.090	<0.090	<0.090	<0.090	<0.090	<0.090	<0.090	<0.13	<0.13	<0.13	--	<0.13	<0.13	<0.13		<0.13	<0.13		<0.13	<0.13	
1,3,5-Trimethylbenzene	NSE	NSE	<0.043	<0.043	<0.043	<0.043	<0.043	<0.043	<0.043	<0.043	<0.043	<0.043	--	<0.043	<0.043	<0.043		<0.043	<0.043		<0.043	<0.043	
Trichloroethene	5.0	0.5	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	--	<0.060	<0.060	<0.060		<0.060	<0.060		<0.060	<0.060	
Trichlorofluoromethane	3490	698	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	--	<0.044	<0.044	<0.044		<0.044	<0.044		<0.044	<0.044	
Vinyl Chloride	0.2	0.02	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	--	<0.059	<0.059	<0.059		<0.059	<0.059		<0.059	<0.059	
Total Xylenes	10000	1000	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20		<0.20	<0.20		<0.20	<0.20	
Total VOCs	NSE	NSE	7.4	0.000	0.00	8.10	0.00	3.80	0.00	5.60	0.00	5.60	0.00	0.54	0.00	2.30		2.90	0.32		0.91	4.10	

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date															
			PW-18 (Treatment System)															
			10/15	10/15	12/15	12/15	4/16	4/16	9/16	9/16	3/17	3/17	9/17	9/17	4/18	4/18	9/18	9/18
	ES	PAL	Pre-Treatment	Post-Treat	Pre-Treatment	Post-Treat	Pre-Treatment	Post-Treat	Pre-Treatment	Post-Treat	Pre-Treatment	Post-Treat	Pre-Treatment	Post-Treat	Pre-Treatment	Post-Treat	Pre-Treatment	Post-Treat
VOCs[1] (µg/l)																		
Benzene	5.0	0.5	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.15	<0.15	<0.15	
Bromodichloromethane	0.6	0.06	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.37	<0.37	<0.37	
Bromoform	4.4	0.44	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.48	<0.48	<0.48	
Bromomethane	10	1.0	<0.051	<0.051	<0.051	<0.051	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.80	<0.80	<0.80	
n-Butylbenzene	NSE	NSE	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.39	<0.39	<0.39	
sec-Butylbenzene	NSE	NSE	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068	<0.068	<0.40	<0.40	<0.40	
tert-Butylbenzene	NSE	NSE	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.40	<0.40	<0.40	
Chlorobenzene	NSE	NSE	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.39	<0.39	<0.39	
Chloroethane	400	80	<0.070	<0.070	<0.070	<0.070	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.51	<0.51	<0.51	
Chloroform	30	3.0	5.5	<0.14	5.6	<0.14	4.6	<0.14	6	1.1	1.5	<0.14	2.5	<0.06	1.8	<0.37	2.5	
Chloromethane	3.0	0.3	0.23	0.13	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.32	<0.32	<0.32	
2-Chlorotoluene	NSE	NSE	<0.050	<0.050	<0.050	<0.050	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.31	<0.31	<0.31	
1,2-Dichlorobenzene	600	60	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.33	<0.33	<0.33	
1,4-Dichlorobenzene	75	15	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.36	<0.36	<0.36	
Dichlorodifluoromethane	1000	200	<0.070	<0.070	<0.070	<0.070	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.67	<0.67	<0.67	
1,1-Dichloroethane	850	85	<0.074	<0.074	<0.074	<0.074	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.41	<0.41	<0.41	
1,2-Dichloroethane	5.0	0.5	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	<0.39	<0.39	
cis-1,2-Dichloroethylene	70	7.0	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.41	<0.41	<0.41	
trans-1,2-Dichloroethylene	100	20	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.35	<0.35	<0.35	
1,2-Dichloropropane	5.0	0.5	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.43	<0.43	<0.43	
2,2-Dichloropropane	NSE	NSE	<0.048	<0.048	<0.048	<0.048	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.44	<0.44	<0.44	
Ethylbenzene	700	140	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.18	<0.18	<0.18	
Isopropylbenzene	NSE	NSE	<0.053	<0.053	<0.053	<0.053	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.39	<0.39	<0.39	
p-Isopropyltoluene	NSE	NSE	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.36	<0.36	<0.36	
Methyl tert Butyl Ether	60	12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.39	<0.39	<0.39	
Methylene Chloride	5.0	0.5	<0.25	<0.25	<0.25	<0.25	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<1.6	<1.6	<1.6	
Methyl Ethyl Ketone	460	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Naphthalene	40	8.0	<0.060	<0.060	<0.060	<0.060	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.34	<0.34	<0.34	
n-Propylbenzene	NSE	NSE	<0.057	<0.057	<0.057	<0.057	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.41	<0.41	<0.41	
Styrene	10	1.0	<0.044	<0.044	<0.044	<0.044	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.39	<0.39	<0.39	
1,1,1,2-Tetrachloroethane	700	7.0	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.46	<0.46	<0.46	
Tetrachloroethene	5.0	0.5	<0.067	<0.067	<0.067	<0.067	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.37	<0.37	<0.37	
Tetrahydrofuran	50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Toluene	1000	200	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.15	<0.15	<0.15	
1,2,3-Trichlorobenzene	NSE	NSE	<0.12	<0.12	<0.12	<0.12	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.46	<0.46	<0.46	
1,2,4-Trichlorobenzene	NSE	NSE	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.34	<0.34	<0.34	
1,1,1-Trichloroethane	200	40	<0.063	<0.063	<0.063	<0.063	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.38	<0.38	<0.38	
1,2,4-Trimethylbenzene	NSE	NSE	<0.13	<0.13	<0.13	<0.13	<0.090	<0.090	<0.090	<0.090	<0.090	<0.090	<0.090	<0.090	<0.34	<0.34	<0.34	
1,3,5-Trimethylbenzene	NSE	NSE	<0.043	<0.043	<0.043	<0.043	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.25	<0.25	<0.25	
Trichloroethene	5.0	0.5	<0.060	<0.060	<0.060	<0.060	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.16	<0.16	<0.16	
Trichlorofluoromethane	3490	698	<0.044	<0.044	<0.044	<0.044	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.43	<0.43	<0.43	
Vinyl Chloride	0.2	0.02	<0.059	<0.059	<0.059	<0.059	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.20	<0.20	<0.20	
Total Xylenes	10000	1000	<0.20	<0.20	<0.20	<0.20	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.22	<0.22	<0.22	
Total VOCs	NSE	NSE	5.73	0.13	5.60	0.00	4.60	0.00	6.00	1.10	1.50	0.00	2.50	0.00	1.8	0	2.5	

NoSample

Table 4 (Continued)
Groundwater Analytical Results - Volatile Organic Compounds

Compounds Detected	NR 140 Standards		Well No./Sampling Date																	
			PW-19																	
	ES	PAL	6/98	12/98	6/99	12/02	9/03	9/04	9/05	9/06	9/07	9/08	10/09	9/10	9/11	9/12	10/13	6/14	3/17	
VOCs[1] (µg/l)																				
Benzene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Bromodichloromethane	0.6	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Bromoform	4.4	0.44	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Bromomethane	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
n-Butylbenzene	NSE	NSE	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
sec-Butylbenzene	NSE	NSE	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
tert-Butylbenzene	NSE	NSE	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Chlorobenzene	NSE	NSE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Chloroethane	400	80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Chloroform	6.0	0.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Chloromethane	30	3.0	0.69	BDL	BDL	BDL	BDL	BDL	0.281	0.08	0.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
2-Chlorotoluene	NSE	NSE	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
1,2-Dichlorobenzene	600	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
1,4-Dichlorobenzene	75	15	BDL	BDL	0.69	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Dichlorodifluoromethane	1000	200	1.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
1,1-Dichloroethane	850	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
1,2-Dichloroethane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
cis-1,2-Dichloroethylene	70	7.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
trans-1,2-Dichloroethylene	100	20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
1,2-Dichloropropane	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
2,2-Dichloropropane	NSE	NSE	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Ethylbenzene	700	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Isopropylbenzene	NSE	NSE	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
p-Isopropyltoluene	NSE	NSE	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Methyl tert Butyl Ether	60	12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Methylene Chloride	5.0	0.5	0.35	BDL	BDL	BDL	BDL	BDL	BDL	2.9*	2.9*	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Methyl Ethyl Ketone	460	90	--	--	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	--	--	--	
Naphthalene	40	8.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
n-Propylbenzene	NSE	NSE	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Styrene	10	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
1,1,1,2-Tetrachloroethane	70	7.0	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Tetrachloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Tetrahydrofuran	50	10	--	--	--	BDL	BDL	--	--	--	--	--	--	--	--	--	--	--	--	
Toluene	1000	200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
1,2,3-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
1,2,4-Trichlorobenzene	NSE	NSE	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
1,1,1-Trichloroethane	200	40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
1,2,4-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
1,3,5-Trimethylbenzene	NSE	NSE	BDL	BDL	BDL	--	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Trichloroethene	5.0	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Trichlorofluoromethane	3490	698	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Vinyl Chloride	0.2	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Total Xylenes	10000	1000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Total VOCs	NSE	NSE	2.84	BDL	0.69	BDL	BDL	BDL	0.28	0.08	0.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	

[1] = VOC list is not complete; VOCs not listed are BDL

BDL = Below laboratory detection limit

NSE = No standard established

PALs (Preventive Action Limits) and ESs (Enforcement Standards) publised in s. NR 140.10, Wis. Adm. Code

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0.69 = Exceeds ch. NR 140 Preventive Action Limit (PAL)

3.7 = Exceeds. Ch. NR 140 Enforcement Standard (ES)

* = Anomalous detection of Methylene Chloride; similar concentration found in the trip blank and, therefore, not reported in total

Table 5
Groundwater Analytical Results - Field Parameters

		pH (Field)	Temperature (Field)	Specific Conductance	Color	Odor	Turbidity
MW-1 (801)	4/18	6.36	9.4	363	none	none	none
	9/18	6.64	10.8	480	none	none	none
PZ-1S (806)	4/18	6.81	10.6	322	none	none	none
	9/18	7.11	9.7	489	none	none	none
MW-2 (802)	4/18	6.45	8.2	246	none	none	none
	9/18	7.31	10.5	190	none	Slight	Moderate
MW-4 (804)	4/18	6.29	7.5	724	none	none	none
	9/18	6.67	10.5	590	Lt Brown	Slight	none
MW-5 (805)	4/18	6.45	5.1	109	Lt Yellow	none	Moderate
	9/18	6.73	11.1	49	none	none	none
MW-6 (808)	4/18	6.69	6.4	101	none	none	none
	9/18	6.28	10.8	134	none	none	none
PZ-6S (809)	4/18	6.74	7.6	139	none	none	none
	9/18	7.13	10.6	130	none	none	none
MW-7 (811)	4/18	6.67	10	498	none	none	none
	9/18	7.26	10.8	554	none	none	none
PZ-7SR (902)	4/18	7.12	9.5	338	none	none	none
	9/18	7.8	10.6	250	none	none	none
PZ-7D (813)	4/18	7.35	9.7	273	none	Slight	none
	9/18	7.91	10.4	273	none	none	none
MW-9 (817)	4/18	6.92	10	513	none	none	none
	9/18	7.84	10.8	243	Lt Brown	none	none
PZ-9S (818)	4/18	7.22	9.6	277	none	none	Slight
	9/18	7.6	10.4	330	none	none	none
PZ-10S	4/18	7.84	9.1	294	none	none	none
	9/18	7.81	9.8	326	none	none	Slight
B-4 (826)	4/18	7.02	7.6	207	none	none	none
	9/18	7.5	10.7	230	Lt Brown	Slight	Slight
B-5 (827)	4/18	6.57	7.4	439	none	none	none
	9/18	7.73	10.8	563	Lt Brown	none	Slight
B-6 (828)	4/18	6.85	7.7	271	none	Slight	none
	9/18	7.1	10.7	210	Lt Brown	none	Slight

--= not sampled
Compiled by: MFR Checked by: BLK

Figures

Figure 1 – Title Sheet/Site Location

Figure 2 – LFG Extraction Well Locations and Gas Probe Locations

Figure 3 – Monitoring Well, Piezometer, and Private Well Locations

Figure 4 – Groundwater Elevation Contours - 9/28/18

HAYWARD LANDFILL
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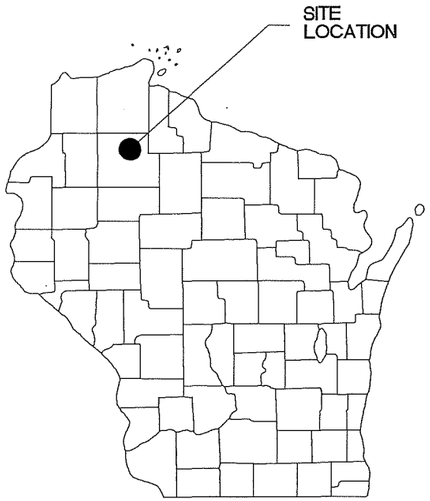
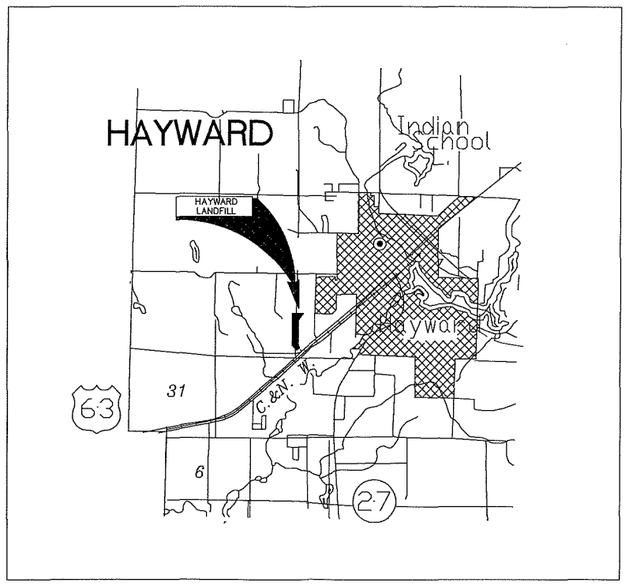


COUNTY LOCATION MAP



SITE LOCATION MAP

SCALE IN MILES
0 .5 1 2

N

INDEX

1/4	TITLE SHEET/ SITE LOCATION
2/4	LFG EXTRACTION WELL AND GAS PROBE LOCATIONS
3/4	MONITORING WELL, PIEZOMETER, AND PRIVATE WELL LOCATIONS
4/4	GROUNDWATER ELEVATION CONTOURS- 09/28/18

PREPARED BY:

SHORT ELLIOTT HENDRICKSON, INC.
ENVIRONMENTAL SERVICE AREA
421 FRENETTE DRIVE
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PREPARED FOR:

CITY OF HAYWARD
P.O. BOX 593
HAYWARD, WISCONSIN

NO.	DATE	ISSUE/REVISIONS	DRAWN BY		DESIGN		FIELD REVIEW		QC CHECK	
1	01/19	ISSUED TO WDNR	RJH	12/18	RJH	12/18			MFR	12/18

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FIGURE 1
TITLE SHEET/ SITE LOCATION

PROJ. NO. HAYWA149241
DATE 12/10/18

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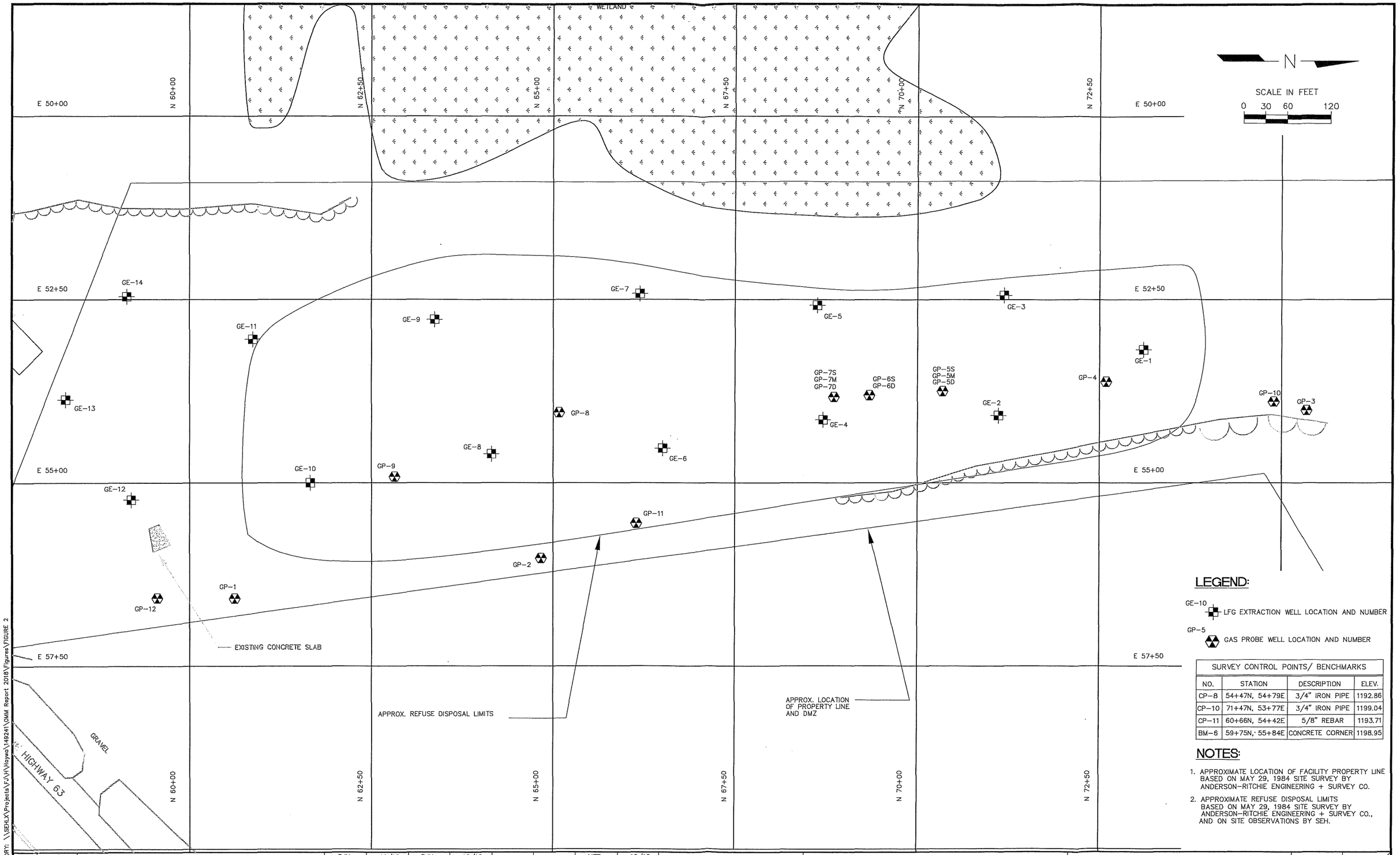
DRAWING DIRECTORY: \\SEHLX\Projects\FJH\Hayw\149241\OMM Report 2018\Figures\FIGURE 1



LEGEND:

GE-10 — LFG EXTRACTION WELL LOCATION AND NUMBER

GP-5 — GAS PROBE WELL LOCATION AND NUMBER

SURVEY CONTROL POINTS/ BENCHMARKS			
NO.	STATION	DESCRIPTION	ELEV.
CP-8	54+47N, 54+79E	3/4" IRON PIPE	1192.86
CP-10	71+47N, 53+77E	3/4" IRON PIPE	1199.04
CP-11	60+66N, 54+42E	5/8" REBAR	1193.71
BM-6	59+75N, 55+84E	CONCRETE CORNER	1198.95

NOTES:

1. APPROXIMATE LOCATION OF FACILITY PROPERTY LINE BASED ON MAY 29, 1984 SITE SURVEY BY ANDERSON-RITCHIE ENGINEERING + SURVEY CO.
2. APPROXIMATE REFUSE DISPOSAL LIMITS BASED ON MAY 29, 1984 SITE SURVEY BY ANDERSON-RITCHIE ENGINEERING + SURVEY CO., AND ON SITE OBSERVATIONS BY SEH.

NO.	DATE	ISSUE/REVISIONS	DRAWN BY		DESIGN		FIELD REVIEW		QC CHECK	
1	03/19	ISSUED TO WDNR	RJH	12/18	RJH	12/18			MFR	12/18

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FIGURE 2
LFG EXTRACTION WELL AND GAS PROBE LOCATIONS

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DATE 12/12/18

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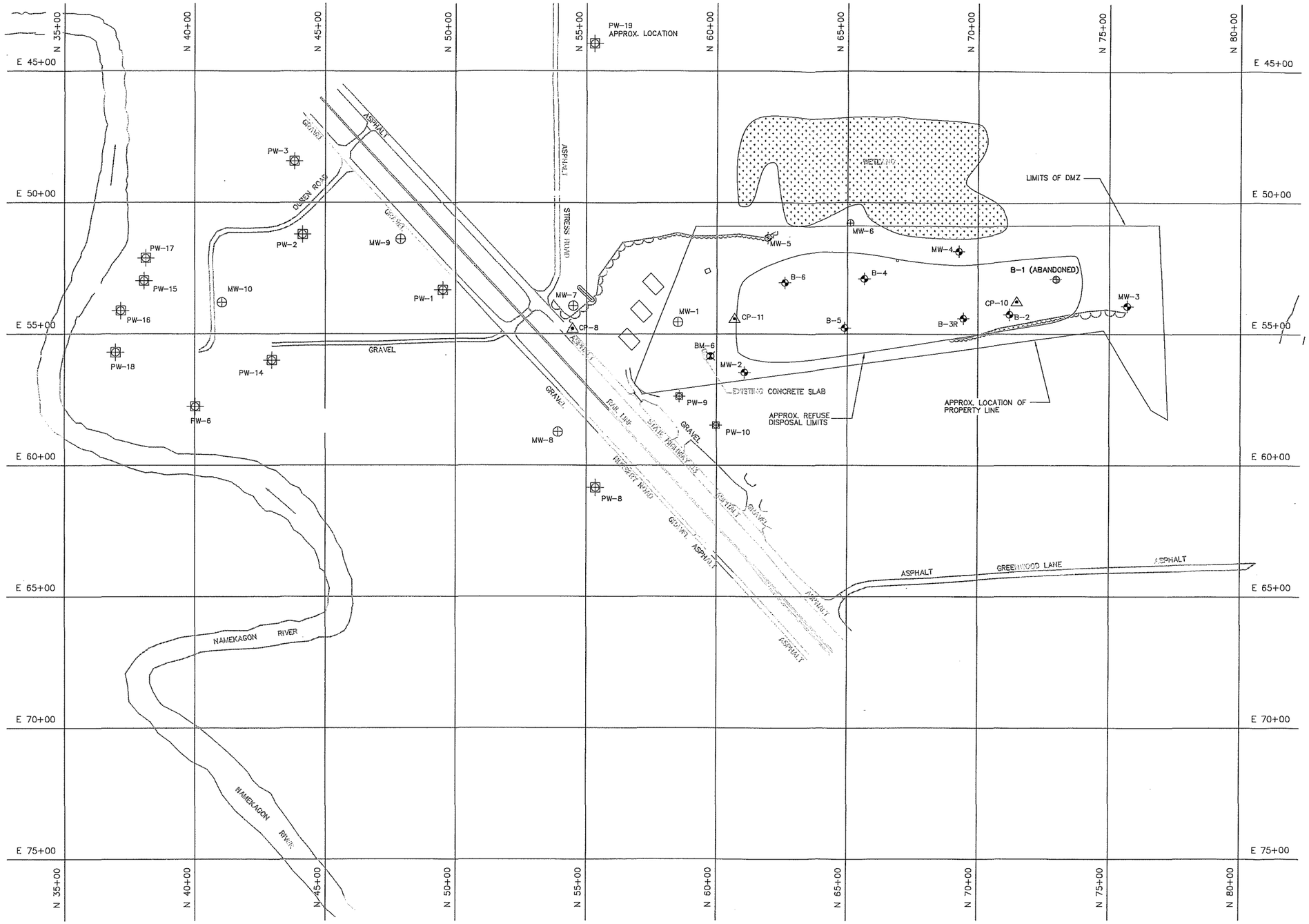
DRAWING DIRECTORY: \\SEHLX\Projects\F-J\H\Haywa\149241\OMM Report 2018\Figures\FIGURE 2



LEGEND:

- MW-2 — MONITORING WELL LOCATION AND NUMBER
- MW-1 — MONITORING WELL – PIEZOMETER NEST LOCATION AND NUMBER
- PW-9 — PRIVATE WELL LOCATION AND NUMBER
- B-6 — TEMPORARY MONITORING WELL LOCATION AND NUMBER
- BM-6 — BENCHMARK LOCATION AND NUMBER
- CP-11 — SURVEY CONTROL POINT LOCATION AND NUMBER

NOTES:

1. APPROXIMATE LOCATION OF FACILITY PROPERTY LINE BASED ON MAY 29, 1984 SITE SURVEY BY ANDERSON–RITCHIE ENGINEERING + SURVEY CO.
2. APPROXIMATE REFUSE DISPOSAL LIMITS BASED ON MAY 29, 1984 SITE SURVEY BY ANDERSON–RITCHIE ENGINEERING + SURVEY CO., AND ON SITE OBSERVATIONS BY SEH.
3. PIEZOMETERS ARE LOCATED IN GENERAL LOCATION OF CORRESPONDING NUMBERED MONITORING WELLS.

SURVEY CONTROL POINTS/ BENCHMARKS			
NO.	STATION	DESCRIPTION	ELEV.
CP–8	54+47N, 54+79E	3/4" IRON PIPE	1192.86
CP–10	71+47N, 53+77E	3/4" IRON PIPE	1199.04
CP–11	60+66N, 54+42E	5/8" REBAR	1193.71
BM–6	59+75N, 55+84E	CONCRETE CORNER	1198.95

DRAWING DIRECTORY: \\SEHLX\Projects\F\AY\Hayw\149241\OMM Report 2018\Figures\FIGURE 3

NO.	DATE	ISSUE/REVISIONS	DRAWN BY		DESIGN		FIELD REVIEW		QC CHECK	
1	03/19	ISSUED TO WDNR	RJH	12/18	RJH	12/18			MFR	12/18

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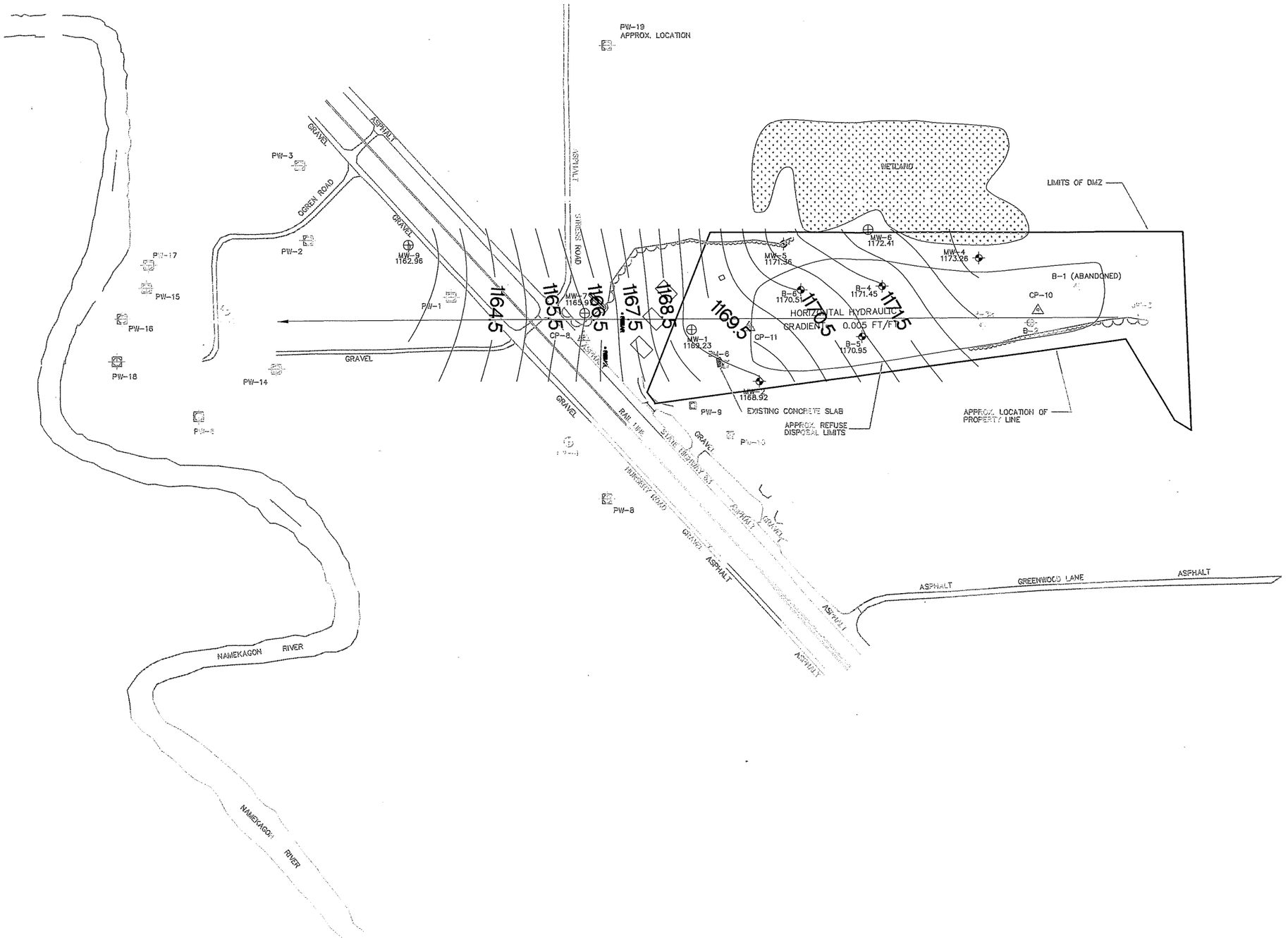
HAYWARD LANDFILL
HAYWARD, WISCONSIN

FIGURE 3
MONITORING WELL, PIEZOMETER, AND PRIVATE WELL LOCATIONS

PROJ. NO. HAYWA149241
DATE 12/12/18

3
4



N

SCALE IN FEET

0 100 200 400

LEGEND:

1171.5 — GROUNDWATER ELEVATION CONTOUR
CONTOUR INTERVAL= 1 FT

MW-2 1168.92 — MONITORING WELL LOCATION AND NUMBER WITH WATER ELEVATION AS OF 09/18

MW-1 1169.23 — MONITORING WELL – PIEZOMETER NEST LOCATION AND NUMBER WITH MONITORING WELL WATER ELEVATION AS OF 09/18

B-6 1170.51 — TEMPORARY MONITORING WELL LOCATION AND NUMBER WITH WATER ELEVATION AS OF 09/18

BM-6 — BENCHMARK LOCATION AND NUMBER

CP-11 — SURVEY CONTROL POINT LOCATION AND NUMBER

PW-9 — PRIVATE WELL LOCATION AND NUMBER

NOTES:

1. APPROXIMATE LOCATION OF FACILITY PROPERTY LINE BASED ON MAY 29, 1984 SITE SURVEY BY ANDERSON–RITCHIE ENGINEERING + SURVEY CO.
2. APPROXIMATE REFUSE DISPOSAL LIMITS BASED ON MAY 29, 1984 SITE SURVEY BY ANDERSON–RITCHIE ENGINEERING + SURVEY CO., AND ON SITE OBSERVATIONS BY SEH.

SURVEY CONTROL POINTS/ BENCHMARKS			
NO.	STATION	DESCRIPTION	ELEV.
CP–8	54+47N, 54+79E	3/4" IRON PIPE	1192.86
CP–10	71+47N, 53+77E	3/4" IRON PIPE	1199.04
CP–11	60+66N, 54+42E	5/8" REBAR	1193.71
BM–6	59+75N, 55+84E	CONCRETE CORNER	1198.95

NO.	DATE	ISSUE/REVISIONS	DRAWN BY		DESIGN		FIELD REVIEW		QC CHECK	
1	03/18	ISSUED TO WDNR	RJH	12/17	RJH	12/17			MFR	12/17

SEH

OMM PROGRESS REPORT – 2018
HAYWARD LANDFILL
HAYWARD, WISCONSIN

FIGURE 4
GROUNDWATER ELEVATION CONTOURS
09/28/18

PROJ. NO. HAYWA149241
DATE 12/12/18

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DRAWING DIRECTORY: \\SEHLA\Projects\FJA\HAYWA\Hayward\149241\OMM Report 2018\Figures\FIGURE 4