FINAL REPORT

GROUNDWATER MONITORING REPORT

DB OAK FACILITY
700 – 710 OAK STREET
FORT ATKINSON,
JEFFERSON COUNTY
WISCONSIN

Prepared for

Thomas Industries
P.O. Box 29
Sheboygan, Wisconsin

May 2010

NewFields
2110 Luann Lane, Suite 101
Madison, Wisconsin 53713
(608) 442-5223
(608) 442-9013 FAX

Project No. 0451-003-800

NEWFIELDS

May 14, 2010

Janet DiMaggio
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, Wisconsin 53711

RE: WDNR BRRTS No. 03-28-176509
Groundwater Monitoring Report
DB Oak Facility, 700-710 Oak Street, Ft. Atkinson, Wisconsin

Dear Ms. DiMaggio:

On behalf of Garner Denver, please find enclosed our Groundwater Monitoring Report for the DB Oak property in Fort Atkinson, Wisconsin. In accordance with recommendations presented in this report, additional groundwater samples will be collected quarterly between June 2010 and March 2011. Following the collection of March 2011 samples, results will be presented in an annual report.

If you have any questions please call us at (608) 442-5223.

Sincerely,

RECEIVED
MAY 19 2010
DNR R&R
SOUTH CENTRAL REGION

NEWFIELDS

David P. Trainor
Principal

Mark S. McColloch, P.G.
Senior Geologist

cc: Mr. Mark T. Chiado, Gardner Denver, Inc

NEWFIELDS
2110 LUANN LANE, SUITE 101
MADISON, WISCONSIN 53713
(608) 442-5223
(608) 442-9013 FAX
www.newfields.com

TABLE OF CONTENTS

List of Tables, Figures and Appendices

Tables

Figures

Appendices

Executive Summary

The subject property is located at 700 to 710 Oak Street in Fort Atkinson, Wisconsin. It is currently owned by D.B. Oak. The property is essentially flat, but slopes slightly to the south. An elevated active rail spur bounds the property to the east, beyond which lies the Lorman Iron and Metal scrap yard. Commercial properties (Maquert and 2L Lobe LLC) bound the property to the south. Oak Street bounds the property to the west beyond which are residential homes. Undeveloped wooded land bounds the property to the north.

Soil and groundwater contamination were initially identified at the property near a former tetrachloroethene, or perchloroethene (PCE) storage tank during initial site assessments completed in 1994. Several phases of investigation were completed between 2004 and 2007, and investigation results indicate that groundwater quality was impacted by chlorinated volatile organic compounds (VOCs). PCE is the primary constituent of concern that exceeded groundwater quality standards, but degradation products of PCE (trichloroethene (TCE), cis- and trans-1,2-dichloroethene (cis-1,2-DCE and rans-1,2-DCE), 1,1-dichlroethene (1,1-DCE), and vinyl chloride), and also exceed groundwater quality standards. The direction of groundwater flow is to the south-southeast. Although elevated concentrations of chlorinated VOCs were also detected at down gradient wells results indicate the lateral extent of groundwater contamination to the north, west, and southwest has been identified. Low concentrations of petroleum constituents and chlorinated VOCs were also detected in groundwater samples collected from monitoring wells located on the adjacent Lorman property. As shown on Figures 2, former wells MW-1, MW-2, and MW-3 were located southeast of the existing DB Oak facility building. This site was closed in 2001 because concentrations of petroleum constituents and chlorinated VOCs declined after several years of groundwater monitoring; site wells were abandoned as a condition of closure.

Groundwater is encountered between 3 and 5 feet below ground surface on the east side of the facility building. The highest concentrations of chlorinated VOCs were detected in samples collected from MW-3 located adjacent to facility loading docks, and from MW-4 located adjacent to the former PCE tank. Samples collected from adjacent piezometers indicate no significant vertical contaminant migration of contaminants at the MW-4 source area, but VOC have migrated vertically at the MW-3 source area. The vertical extent of total VOC contamination at the MW-3 well nest is approximately 100 feet deep. However, contaminant concentrations declined significantly below 65 feet at the MW-2 and MW-7 down gradient well nests.

Executive Summary

A remedial response for soil remediation using soil vapor extraction (SVE) was completed prior to groundwater remediation. The SVE was installed in the loading dock area and former PCE tank areas on the east side of the facility building between October and December 2006. It operated from mid-July 2007 to the end of the year, but was occasionally turned off during high water table conditions. Soil samples collected in October 2007 indicated that target clean up standards was achieved at six of the seven soil sample locations.

Potential remedial alternatives for groundwater were evaluated in the April 2009 Groundwater Remedial Actions Options Evaluation Report. In-situ biological reductive de-chlorination was selected for groundwater remediation. A work plan for nutrient and microbe injection (bacteria inoculation) to enhance the indigenous microbial populations to stimulate reductive de-chlorination of VOCs was submitted and subsequently approved by WDNR in May 2009. In-situ treatment was completed in June and July. May 2009 baseline and September 2009 groundwater sample results along with a detailed description of completed injection activities were presented in an October 27, 2009 Status Report.

Groundwater samples collected following in-situ treatment indicates that in-situ treatment has enhanced biological reductive de-chlorination. Following in-situ treatment, significant declines of parent compounds (PCE and TCE) concentrations and increasing concentrations of daughter compounds (cis-1,2-DCE and vinyl chloride concentrations) were observed. Post treatment monitoring data suggests that reductive de-chlorination is occurring at different rates within treatment zones and at down gradient locations.

Geochemical indictor parameters indicate that conditions are suitable for reduction de-chlorination. Sulfate was detected in all baseline samples, and following treatments, significant declines in sulfate concentrations were observed at shallow treatment area wells and piezometers indicating favorable sulfate reducing conditions. Low nitrate concentrations within the treatment zone are also favorable for reductive de-chlorination. Elevated nitrate concentrations at MW-7A, and low levels of nitrate at MW-2, MW-2B, and MW-7 may limit reductive de-chlorination at these down gradient locations. Additionally, in-situ treatment resulted in an intended decline in DO and ORP at treatment area wells shortly after in-situ treatment was completed in June. DO and ORP measurements remained low between July and December, but rebounded in March. The March rebound occurred following a rise in the water table; the seasonal water table high occurred in March 2010 and the low in December 2009.

Concentrations of PCE and TCE are expected to continue to decline within the treatment zone as these compounds degrade into cis-1,2-DCE and vinyl chloride. As reductive de-chlorination continues, cis-1,2-DCE and vinyl chloride concentrations are expected to decline within the treatment zone as these daughter products also degrade.

1.3 SITE DESCRIPTION

The DB Oak property is located at 700 -710 Oak Street in Fort Atkinson, Wisconsin. As shown on Figure 1, the site is located on the north side of Fort Atkinson in the west ½ of the southwest ¼ of Section 34, Township 6 north, Range 14 east. The property is relatively flat and lies at an approximate elevation of 790 feet above mean sea level (MSL). In the vicinity of the site, regional topography slopes to the east and south towards the Rock River.

The DB Oak property is a triangular shaped parcel bordered by East Cramer Street to the north, Oak Street to the west-southwest, and the Union Pacific (formerly Chicago and Northwest) rail line to the east-southeast. A large building over 180,000 square feet in size with driveways and parking lots are located on the property. A parking lot and driveway accessible from North Main Street to the west and Oak Street to the south is located on the west side of the facility building. A gravel driveway and loading dock area is located on the east side of the facility building. This loading dock area is accessible from an asphalt driveway and small parking lot area located on the south side of the property and from a gravel driveway located on the north side of the building. A wooded undeveloped area is located between the driveway on the north side of the building and East Cramer Street. A large lawn area is located between the building and Oak Street. A site map for the facility is shown on Figure 2.

The north end of the DB Oak facility is currently leased W & A Distribution and used as warehouse space. The remainder was previously occupied by 5 Alarm Fire & Safety Inc. (5 Alarm), but is currently vacant. Residential homes are located on the west side of Oak Street and west of the DB Oaks property. The Lorman Iron and Metals Company (Lorman) is located on the east side of the DB Oaks property and the Union Pacific rail line. The DB Oaks property is accessible from the Lorman property via Lorman Drive. Properties south of the D.B. Oak property include a parcel located at 600 Oak Street owned by Mr. Dale Maquert used for storage of equipment for a construction company, and property owned by 2L Lobe LLC for the storage of roll off boxes and dumpsters associated with the Lorman facility.

1.4 SITE HISTORY

A detailed site history of the D.B. Oak site was included in the December 2007 *Supplemental Hydrogeologic Investigation Report* and the April 2009 *Groundwater Remedial Actions Options Evaluation Report.* The following is a brief summary of the site history.

- Soil and groundwater contamination were initially identified at the D.B. Oak property near a former tetrachloroethene, or perchloroethene (PCE) storage tank during initial site assessments completed in 1994.

- A site investigation was also completed by Lorman Iron & Metals Company following the removal of three former underground waste oil tanks in 1994. These tanks were located on the south end of the Lorman property, and the site investigation included the collection of soil samples, the installation of monitoring wells, and the collection of groundwater samples in the vicinity of the tanks. Results of the site investigation indicated that the direction of groundwater flow is to the south-southwest, and that petroleum constituents from the former waste oil tank resulted in an impact to soil and groundwater quality at the site. Site remediation consisted of the removal of contaminated soil by excavation and groundwater monitoring. Low concentrations of petroleum constituents and chlorinated VOCs were detected in groundwater samples collected from site monitoring wells. The site was closed in 2001 because concentrations of petroleum constituents and chlorinated VOCs declined after several years of groundwater monitoring. As shown on Figure 2, the Lorman property is located on the east side of the railway adjacent to the DB Oak property; former wells[1] MW-1, MW-2, and MW-3 were located southeast of the existing DB Oak facility building.

- Several phase of investigation were completed between 2004 and 2007. Investigation results indicate that groundwater quality was impacted by chlorinated VOCs. PCE is the primary constituent of concern that exceeds groundwater quality standards, but degradation products of PCE (TCE, cis- and trans-1,2-DCE, 1,1-DCE, and vinyl chloride) also exceed groundwater quality standards.

[1] Wells MW-1, MW-2, and MW-3 were abandoned as a condition of closure.

- The highest concentrations of chlorinated VOCs were detected in samples collected from shallow wells MW-3 and MW-4. MW-3 is located adjacent to facility loading docks, and from MW-4 located adjacent to the former PCE tank. Elevated concentrations of chlorinated VOCs were also detected in samples collected at down gradient wells MW-2, MW-2A, and MW-7A, and low VOC concentrations were detected at down gradient wells MW-7 MW-7B and at side gradient wells MW-8A and MW-8B. However, no VOCs were detected in samples collected at up gradient well MW-5, down gradient wells MW-6 and MW-6A, side gradient wells MW-1 and MW-8. These results indicate the lateral extent of groundwater contamination to the north, west, and southwest has been identified.

- Samples collected from adjacent piezometers MW-4A and MW-4B indicates no significant vertical migration of contaminants at the MW-4 source area. However. samples collected from adjacent piezometers MW-3A, MW-3B, and MW-3C indicate that PCE migrated vertically at the MW-3 source area. The vertical extent of total VOC contamination in groundwater is greatest at the MW-3 well nest; elevated VOCs were detected below 100 feet in samples collected from the MW-3C boring. Elevated concentrations of VOCs were also detected in samples collected from shallow down gradient piezometers MW-2A and MW-7A, but contaminant concentrations declined significantly below 65 feet at the MW-2B and MW-7B.

- Additional groundwater samples were collected in April 2008. These results along with historic groundwater monitoring results were used to evaluate potential remedial responses. Groundwater samples collected from down gradient well MW-2 indicate that PCE is degrading to TCE and cis-DCE with distance laterally from PCE source areas. Elevated concentrations of cis-DCE in samples collected at depth and with distance from the source area indicate that reductive de-chlorination of PCE has occurred as it migrated both laterally and vertically. Because degradation products (TCE, cis-1,2-DCE and vinyl chloride) are also more soluble than PCE, and therefore more mobile in groundwater than PCE, a dissolved phase chlorinated VOC plume has formed down gradient from the source area.

- A remedial response for soil remediation using soil vapor extraction (SVE) prior to groundwater remediation. The SVE was installed in the loading dock area and former PCE tank areas on the east side of the facility building between October and December

2006. The SVE system has operated from mid-July 2007 to the end of the year, but was occasionally turned off during high water table conditions. Effluent concentrations measured after three months of operation were approximately half the concentration detected in the effluent samples collected after system startup. Additionally, soil samples collected in October 2007 indicate that target clean up standards were achieved at six of the seven soil sample locations.

- Potential remedial alternatives for groundwater were evaluated in the April 2009 *Groundwater Remedial Actions Options Evaluation Report.* In-situ biological reductive de-chlorination was selected for groundwater remediation. This remedial response required nutrient and microbe injection (bacteria inoculation) to enhance the indigenous microbial populations to stimulate reductive de-chlorination of VOCs that is already occurring.

- A Work Plan entitled *In-situ Treatment using Biological reductive De-chlorination* was submitted to the Wisconsin Department of Natural Resources (WDNR) on May 5, 2009, and subsequently approved by WDNR on May 21, 2009. In-situ treatment was completed in June and July 2009, and consisted of the injection of Edible Oil Substrate (EOS) into the aquifer followed by bacterial inoculation. EOS is a commercially available propriety product that provides a carbon and energy source to accelerate the anaerobic biodegradation of the chlorinated solvents. Bacterial inoculation consisted of the direct injection of BAC-9, a commercially available living bacteria culture supplied by EOS, into the saturated zone

- Completed activities were described in an October 27, 2009 report entitled, *Status Report for In-situ Treatment using Biological reductive De-chlorination.* That report also included May baseline groundwater sample results and the first post treatment round of groundwater samples collected in September 2009.

1.5 PURPOSE AND SCOPE

The purpose of this report is to present the results and an evaluation of post treatment groundwater samples collected between September 2009 and March 2010.

PREVIOUSLY COMPLETED ACTIVITIES

SECTION TWO

As described in the *Groundwater Remedial Actions Options Evaluation Report*, in-situ biological reductive de-chlorination was selected for groundwater remediation at the D.B. Oak facility in Fort Atkinson, Wisconsin. A Work Plan entitled *In-situ Treatment using Biological reductive De-chlorination* was submitted to the Wisconsin Department of Natural Resources (WDNR) on May 5, 2009, and subsequently approved by WDNR on May 21, 2009. In-situ treatment was completed in June and July 2009 and consisted of the injection of Edible Oil Substrate (EOS) into the aquifer following by bacterial inoculation. Completed activities were described in the October 27, 2009 report entitled, *Status Report for In-situ Treatment using Biological reductive De-chlorination.* All activities were completed in accordance with the approved Work Plan. A summary of completed activities is as follows:

- Pre-treatment activities included the installation of one additional deep piezometer (MW-4B) and injection well IW-01, the installation of three shallow temporary wells (TW-01, TW-02, and TW-03) within the treatment zone, and the collection of a baseline round of groundwater samples in May 2009.

- EOS injection was completed between June 1st and 11th. Injection was completed using existing soil vapor extraction (SVE) lateral piping and 151 injection points advanced using Geoprobe direct push technology (DPT). EOS was injected at concentrations ranging from 10 to 40 percent into injection borings and SVE laterals. The SVE lateral piping is located on the east side of the DB Oak building and divided into five sections. For the purpose of this project, lateral sections from north to south are referred to as L1, L2, L3, L4, and L5 (see Figure 3). A total of approximately 86,431 gallons of EOS treatment chemistry was injected at 151 injection borings and into five SVE laterals over the nine day period.

- Dissolved oxygen and oxidation reduction potential fields measurements on July 9th, indicated site conditions were suitable for bacterial inoculation, which was subsequently completed on July 28, 2009. It consisted of the injection of BAC-9, an enriched bioaugmentation culture which is capable of degrading chlorinated solvents in the subsurface. BAC-9 has also been shown to completely degrade cis-DCE and vinyl chloride, which are degradation products of PCE and TCE. The BAC-9 culture was stored in an air tight nitrogen pressurized keg with injection volumes being measured in an air tight measuring cylinder. A total of 17 liters of concentrated BAC-9 was injected

at ten wells (IW-01, TW-01, TW-02, MW-2, MW-2A, MW-3, MW-3A, MW-3B, MW-3C, and MW-4). Approximately 15 psi of nitrogen was applied to the cylinder for injection. One to three liters of BAC-9 was injected into each well at a rate of approximately one liter per minute. The injection tubing was placed one foot above the bottom of each injection well to allow infiltration into aquifer through the screened interval.

- Post treatment groundwater samples were collected in September 2009, December 2009, and March 2010.

GROUNDWATER SAMPLE COLLECTION

SECTION THREE

A baseline round of groundwater samples were collected in May 2009 prior to in-situ treatment. Following treatment, groundwater samples were collected quarterly in September 2009, December 2009, and March 2010. The baseline round of samples included the collection of samples from all existing site wells. Existing wells include the following:

1) Wells located within the treatment area;
2) Down gradient wells with groundwater quality impacts, and
3) Perimeter wells with little to no groundwater quality impacts.

Samples collected in September and December 2009 included the collection of samples from wells located within the treatment area and down gradient wells with groundwater quality standard exceedances. March 2010 samples included the collection of samples from all wells. The completed monitoring program is summarized below. Well locations are shown on Figure 2.

Sampling Event	Treatment Area Wells	Down Gradient Wells	Perimeter Wells
Baseline /First Quarter	IW-01 TW-01, -02, -03 MW-3, -3A, 3B, -3C MW-4, -4A, -4B	MW-2, -2A, 2B MW-7, -7A, -7B	MW-1, -5, -6, -6A, -8, -8A, -8B
Second Quarter			
Third Quarter			
Fourth Quarter			MW-1, -5, -6, -6A, -8, -8A, -8B

Static water levels were measured, and four well volumes were removed from each well prior to the collection of groundwater samples. The color, odor, and turbidity of the purge water were recorded on field sampling forms along with a description of the general conditions, and any problems that were encountered at each well. Field measurements for pH, specific conductance, temperature, dissolved oxygen (DO), and oxidation reduction potential (ORP) were also recorded at the time of sample collection. Depth to water measurements and groundwater elevations are summarized in Table 1. Historic field measurements are summarized in Table 2.

Four well casing volumes were purged from each well prior to sample collection. Small diameter downhole submersible pumps were used to purge piezometers, and bailers dedicated to each well were used to purge water table observations well. All purge water was containerized

and subsequently transported off-site for disposal. Disposal documentation is included in Appendix A.

Samples were collected in laboratory containers, held on ice, and shipped along with the completed chain-of-custody forms to Northern Lakes Service, Inc. and analyzed for VOCs by USEPA Method 8260. Duplicate samples and a trip blank that accompanied the sample bottles at all times were also analyzed for VOCs for quality control. Samples collected from treatment area wells were analyzed for sulfate and nitrate; sulfate and nitrate results are summarized in Table 3. Groundwater monitoring results for May, September, December, and March are summarized in Tables 4, 5, 6, and 7, respectively. Laboratory reports for December 2009 are included in Appendix B, and March 2010 laboratory reports are included in Appendix C; laboratory reports for May and September 2009 samples were included with the October 2009 status report.

4.1 GROUNDWATER FLOW CONDITIONS

As observed during previous site investigations, the direction of groundwater flow at the site is to the south-southeast. Although the direction of groundwater flow has remained the same, groundwater elevations fluctuate seasonally. In the last year high water table conditions occurred in May 2009 and March 2010, and low water table conditions occurred in September and December 2009. The seasonal low was observed in December 2009, and the seasonal high in March 2010. Groundwater flow conditions for September 2009 are shown on Figures 4, 4A, and 4B, and groundwater conditions for March 2010 are shown in Figures 5, 5A, and 5B. Figures 4 and 5 show groundwater elevations measured at shallow piezometers. Figures 4A and 5A show groundwater elevations measured at "A" horizon piezometers, and Figures 4B and 5B show elevations measured at deeper "B" horizon piezometers.

As shown in Figure 4, groundwater elevations across the site ranged from 790 feet mean sea level (msl) on the north end to 781 feet msl on the south end of the site in September 2009. In March 2010, groundwater elevations across the site ranged from 794 feet mean sea level (msl) on the north end to 782 feet msl on the south end of the site. Since May 2009, the difference between the seasonal groundwater high and low is approximately 2 feet at MW-4 and MW-8, approximately 2.5 feet at MW-3, almost 4-feet at MW-2 and MW-5, and almost 4.5 feet at MW-1 and MW-7.

Groundwater elevations indicate that a small groundwater depression is located at the south side of the D.B. Oak facility (see Figures 4 and 5). This shallow groundwater flow regime is likely influenced by a drainage ditch originating at a storm drain outfall near MW-2, which extends south parallel to the railway toward the MW-6 well nest. This depression likely represents a discharge zone. However, groundwater discharge in this area is limited the shallow groundwater flow regime; this depression is not apparent in potentiometer surfaces for "A" and "B" horizon piezometers (see Figure 4A, 4B, 5A, and 5B).

4.2 GROUNDWATER QUALITY STANDARD EXCEEDANCES

Elevated concentrations of PCE and TCE were detected in baseline groundwater samples. As with previous site investigation results the highest concentrations of VOCs were detected in samples collected from well MW-3, MW-3A, MW-3B, and MW-4. Elevated VOC

concentrations were also detected in samples collected at TW-01, TW-02, TW-03, and down gradient wells MW-2 and MW-2A. Historic groundwater samples results are summarized in Table 8. May 2009 baseline and three subsequent post treatment rounds of groundwater sample results are described below. Groundwater monitoring results for May, September, December, and March are summarized in Tables 4, 5, 6, and 7, respectively.

4.2.1 May 2009 Groundwater Results

As shown in Table 4, groundwater quality standards were exceeded in May 2009 samples as follows:

- cis-1,2-DCE exceeded the 70 µg/L Enforcement Standard (ES) at TW-01, TW-02, MW-2, MW-2A, MW-3, MW-3A, and MW-3B, and the 7 µg/L Preventive Action Limit (PAL) at TW-03, IW-01, and MW-3C;
- trans-1,2-DCE exceeded the 100 µg/L ES at MW-3A, and the 20 µg/L PAL at TW-01, and TW-02;
- PCE exceeded the 5 µg/L ES at TW-01, TW-02, TW-03, MW-2, MW-2A, MW-2B, MW-3, MW-3A, MW-3B, MW-4, MW-7A, and MW-7B, and the 0.5 µg/L PAL at IW-01, MW-3C, MW-4A, and MW-4B;
- TCE exceeded the 5 µg/L ES at TW-01, TW-02, TW-03, MW-2, MW-2A, MW-2B, MW-3, MW-3A, MW-3B, and MW-4, and the 0.5 µg/L PAL at IW-01, MW-3C, MW-4A, and MW-7A, and
- Vinyl chloride exceeded the 0.2 µg/L ES at TW-01, TW-02, IW-01, MW-2, MW-3, MW-3A, MW-3C.

4.2.2 September 2009 Groundwater Results

As shown in Table 5, groundwater quality standards were exceeded in September 2009 samples as follows:

- cis-1,2-DCE exceeded the 70 µg/L ES at TW-01, TW-02, MW-2, MW-2A, MW-3, MW-3A, MW-3B, and MW-4;
- trans-1,2-DCE exceeded the 100 µg/L ES at TW-01, MW-3, and MW-3A, and the 20 µg/L PAL at TW-02;
- Methylene chloride exceeded the 5 µg/L ES at TW-03;

- PCE exceeded the 5 µg/L ES at TW-01, TW-02, TW-03, MW-2, MW-2A, MW-2B, MW-3A, MW-3B, MW-7A, and MW-7B, and the 0.5 µg/L PAL at MW-3C, MW-4B, and MW-7;
- TCE exceeded the 5 µg/L ES at TW-02, TW-03, MW-2, MW-2A, MW-2B, MW-3A, MW-3B, MW-4, and MW-7A, and
- Vinyl chloride exceeded the 0.2 µg/L ES at TW-01, TW-02, IW-01, MW-2, MW-2A, MW-3, MW-3A, MW-3B, and MW-4.

4.2.3 December 2009 Groundwater Results

As shown in Table 6, groundwater quality standards were exceeded in December 2009 samples as follows:

- 1,1-Dichloroethene exceeded the 7 µg/L ES at TW-02;
- cis-1,2-DCE exceeded the 70 µg/L ES at TW-01, TW-02, TW-03, MW-2, MW-2A, MW-3, MW-3A, MW-3B, and MW-4;
- trans-1,2-DCE exceeded the 20 µg/L PAL at TW-01 and TW-02;
- PCE exceeded the 5 µg/L ES at TW-02, TW-03, MW-2, MW-2A, MW-2B, MW-3A, MW-3B, MW-4, MW-4A, MW-7A, and MW-7B, and the 0.5 µg/L PAL at MW-4B and MW-7;
- TCE exceeded the 5 µg/L ES at TW-02, TW-03, MW-2, MW-2A, MW-2B, MW-3A, MW-3B, MW-4, and MW-7A, and
- Vinyl chloride exceeded the 0.2 µg/L ES at TW-01, TW-02, IW-01, MW-2, MW-2A, MW-3, MW-3A, and MW-4.

4.2.4 March 2010 Groundwater Results

As shown in Table 7, groundwater quality standards were exceeded in March 2010 samples as follows:

- cis-1,2-Dichloroethylene exceeded the 70 µg/L ES at TW-02, TW-03, MW-2, MW-2A, MW-3, MW-3A, MW-3B, and MW-4;
- trans-1,2-Dichloroethylene exceeded the 100 µg/L ES at MW-3 and MW-3A, and the 20 µg/L PAL at TW-4;

- PCE exceeded the 5 µg/L ES at TW-02, TW-03, MW-2, MW-2A, MW-2B, MW-3A, MW-3B, MW-4, MW-7A, and MW-7B, and the 0.5 µg/L PAL at TW-01, MW-4A, MW-4B, MW-8A, and MW-8B;
- Toluene exceeded the 200 µg/L PAL at MW-3C;
- TCE exceeded the 5 µg/L ES at TW-02, TW-03, MW-2, MW-2A, MW-2B, MW-3A, MW-3B, MW-4, and MW-7A, and the 0.5 µg/L PAL at TW-01 and MW-7B, and
- Vinyl chloride exceeded the 0.2 µg/L ES at TW-01, TW-02, IW-01, MW-2, MW-2A, MW-3, MW-3A, MW-3C, and MW-4.

4.3 CONTAMINANT CONCENTRATION TRENDS

Elevated concentrations of VOCs (primarily PCE, TCE and degradation products cis- and trans-1,2-DCE, and vinyl chloride) were detected in baseline groundwater samples collected in May 2009. As with previous site investigation results the highest concentrations of VOCs were detected at wells MW-3, MW-3A, MW-3B, and MW-4. Elevated concentrations of VOCs were also detected at TW-01, TW-02, TW-03, and at down gradient wells MW-2 MW-2A, and MW-7A. Historic groundwater samples results are summarized in Table 8.

Quarterly samples collected in September 2009, December 2009, and March 2010 following in-situ treatment indicates that EOS injection and bacterial inoculation increased the rate of reductive de-chlorination. The expected reductive degradation pattern for PCE is as follows:

$$\text{PCE} \rightarrow \text{TCE} \rightarrow \text{DCE} \rightarrow \text{VC} \rightarrow \text{Ethene/Ethane}$$

Following in-situ treatment, significant declines of parent compounds (PCE and TCE) and increasing concentrations of daughter compounds (cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride) were observed. These trends are shown on time versus concentration graphs are included in Appendix D. Declining PCE and TCE concentrations and increasing cis-1,2-DCE and vinyl chloride concentrations in the treatment zone and at down gradient locations are described below.

4.3.1 Treatment Zone - Declining PCE and TCE Concentrations

PCE and TCE concentrations declined at wells in the treatment area as follows:

- At TW-01 PCE declined from 3,000 µg/L in May to 120 µg/L in September, to non-detect in December and then to 1.3 µg/L in March;
- At TW-02 PCE concentration initially increased from 320 µg/L in May to 640 µg/L in September, but then declined to 460 µg/L in December and to 530 µg/L in March.
- At TW-03 PCE concentration initially increased from 210 µg/L in May to 1,100 µg/L in September, but then declined to 590 µg/L in December and to 92 µg/L in March;
- Prior to treatment PCE concentrations at MW-3 ranged from 6,700 µg/L to 34,000 µg/L Following treatment PCE declined from 6,700 µg/L in May to no-detect in September, December, and March;
- Prior to treatment PCE concentrations at MW-3A ranged from 1,700 µg/L to 3,000 µg/L Following treatment PCE declined from 3,100 µg/l in May to 1,200 µg/L in September, 1,500 µg/L in December, and 1,400 µg/L in March, and
- Prior to treatment PCE concentrations at MW-3B ranged from 5,300 µg/L to 17,000 µg/L Following treatment PCE was detected at 9,700 µg/L in September, 9,800 µg/L in December, and 10,000 µg/L in March.

Concentration of TCE also declined at wells in the treatment area as follows:

- At TW-01 TCE declined from 350 µg/L in May to non-detect in September and December and to 0.91 µg/L in March;
- At TW-02 TCE concentration initially increased from 440 µg/L in May to 750 µg/L in September, but then declined to 710 µg/L in December and to 640 µg/L in March;
- At TW-03 TCE declined from 200 µg/L in May to 130 µg/L in September and December and then to 77 µg/L in March;
- Prior to treatment TCE concentrations at MW-3 ranged from 3,100 µg/L to 17,000 µg/L Following treatment TCE declined from 4,000 µg/L in May to non-detect in September, December, and March;
- Prior to treatment TCE concentrations at MW-3A ranged from 1,500 µg/L to 2,900 µg/L Following treatment TCE declined from 2,100 µg/l in May to 1,100 µg/L in September, 1,200 µg/L in December, and to 1,300 µg/L in March, and
- Prior to treatment TCE concentrations at MW-3B ranged from 1,200 µg/L to 2,800 µg/L

Following treatment TCE was detected at 1,900 µg/L in September, and at 2,200 µg/L in December and March.

At MW-4, PCE and TCE concentrations declined between May and September, but then increased in December March samples as follows:

- PCE declined from 2,400 µg/l in May to no-detect in September, but then increased to 110 µg/L in December and 5,000 µg/L in March, and
- TCE declined from 1,100 µg/l in May to 44 µg/L in September, but then increased to 71 µg/L in December and to 17,000 µg/L in March.

Increasing PCE and TCE concentrations at MW-4 in March may be related to the rising water table; the seasonal low was observed in December 2009 and the seasonal high in March 2010. PCE and TCE concentrations in March 2010 are below elevated concentrations previously observed during high water table condition. As shown on Table 8, prior to treatment PCE concentrations at MW-4 ranged from 2,000 µg/L to 14,000 µg/L, and TCE ranged from 1,100 µg/L to 43,000 µg/L. The highest detections of TCE and PCE correspond to high water table conditions observed in March 2006 and April 2008. Concentrations of PCE and TCE are expected to continue to decline within the treatment zone as they degrade into cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride.

4.3.2 Treatment Zone - Increasing cis-1,2-DCE and Vinyl Chloride Concentrations

Post treatment groundwater samples collected indicate that PCE and TCE are degrading to cis-1,2-DCE and vinyl chloride. Concentrations of cis-1,2-DCE increased at treatment area wells as follows:

- At TW-03 cis-1,2-DCE increased from 14 µg/L in May and 5.5 µg/L in September to 220 µg/L in December and 450 µg/L in March;
- Prior to treatment cis-1,2-DCE concentrations at MW-3 ranged from 2,100 µg/L to 6,800 µg/L. Following treatment it increased to 27,000 µg/L in September, to 68,000 µg/L in December, and then to 80,000 µg/L in March;
- Prior to treatment cis-1,2-DCE concentrations at MW-3A ranged from 11,000 µg/L to 18,000 µg/L. Following treatment it increased to 20,000 µg/L in September and then declined to 18,000 µg/L in December and 15,000 µg/L in March;

- Prior to treatment cis-1,2-DCE concentrations at MW-3B ranged from 330 µg/L to 600 µg/L. Following treatment it increased to 1,000 µg/L in September and December, and then declined slightly to 920 µg/L in March; and
- Prior to treatment cis-1,2-DCE concentrations at MW-4 ranged from non-detect to 600 µg/L. Following treatment it increased to 5,200 µg/L in September, declined to 1,600 µg/L in December, and then increased to 4,300 µg/L in March.

Concurrently, concentrations of vinyl chloride also increased at treatment area wells as follows:

- Prior to treatment vinyl chloride concentrations at MW-3 ranged from non-detect to 710 µg/L Following treatment it increased to 27,000 µg/L in September, to 68,000 µg/L in December, and then to 80,000 µg/L in March;
- Prior to treatment vinyl chloride concentrations at MW-3A ranged from 520 µg/L to 1,700 µg/L. Following treatment it increased to 2,300 µg/L in September, to 2,200 µg/L in December, and to 1,600 µg/L in March;
- Prior to treatment vinyl chloride was not detected at MW-3A. Following treatment it increased to 210 µg/L in September, but was not detected in December and March.
- Prior to treatment vinyl chloride was not detected at MW-4. Following treatment it increased to 1,300 µg/L in September, to 800 µg/L in December, and to 1,600 µg/L in March.

4.3.3 Treatment Zone – Degradation Rates

Decreasing PCE and TCE concentrations concurrent with increasing cis-1,2-DCE and vinyl chloride concentrations are a strong indication that in-situ treatment has enhanced reductive de-chlorination at the D.B. Oak site. As the reductive de-chlorination reaction progresses, cis-1,2-DCE and vinyl chloride concentrations are expected to decline within the treatment zone as these daughter products also degrade. However, groundwater samples indicate that the rate of degradation within the treatment zone varies by location as follows:

- Post treatment monitoring results for TW-01 show a rapid and almost complete degradation of parent and daughter compounds at this location. As shown on Table 8, between May and March PCE declined from 350 µg/L to 0.91 µg/L, and TCE declined from 3,000 µg/L to 1.3 µg/L. Concurrently, cis-1,2-DCE declined from 5,900 µg/L in May to 3.0 µg/L in March and vinyl chloride declined from 2,700 µg/L to 1.1 µg/L.

- Post treatment monitoring results for MW-3 show significant degradation for parent compounds and significant formation of daughter products. As shown on Table 8, PCE and TCE were detected at 6,700 µg/L and 4,000 µg/L, respectively, prior to treatment but not detected following treatment. Between May and March concentrations of trans-1,2-DCE increased from non-detect to 1,800 µg/L while cis-1,2-DCE increased from 2,800 µg/L to 80,000 µg/L, and vinyl chloride increased from 270 µg/L to 31,000 µg/L. These results indicate that significant reductive de-chlorination is occurring, but the reaction is not complete at this source area.

- Post treatment monitoring results for MW-3A show a slight degradation of parent compounds and formation of daughter products. As shown on Table 8, between May and March PCE declined from 3,100 µg/L to 1,400 µg/L and TCE declined from 2,100 µg/L to 1,300 µg/L. Concurrently, cis-1,2-DCE concentration ranged from 15,000 µg/L to 20,000 µg/L, and vinyl chloride ranged from 1,600 µg/L to 2,300 µg/L. These results indicate that reductive de-chlorination is occurring at a slow rate at intermediate depths beneath the MW-3 source area

- Post treatment monitoring results for MW-3B show little degradation of parent compounds and slow formation of daughter products. As shown on Table 8, between May and March PCE ranged from 9,700 µg/L and 10,000 µg/L. and TCE ranged from 1,900 µg/L to 2,300 µg/L. Concurrently, cis-1,2-DCE increased from 480 µg/L to 9,200 µg/L in March, and vinyl chloride, not previously detected, was detected in the September sample at 210 µg/L. These results indicate that reductive de-chlorination may be occurring albeit at a slow rate at depth beneath the MW-3 source area.

- Post treatment monitoring results for well TW-02 show an initial increase of parent compounds followed by a slow decline and slow formation of daughter products. As shown on Table 8, following treatment PCE increased from 320 µg/L in May to 640 µg/L in September, and then declined to 530 µg/L in March. TCE also increased from 440 µg/L in May to 750 µg/L in September, and then declined to 640 µg/L in March. Between May and March cis-1,2-DCE declined from 6,000 µg/L to 3,700 µg/L, and vinyl chloride increased from 240 µg/L to 680 µg/L. These results indicate that reductive de-chlorination was not immediately enhanced by treatment at this location, but degradation is now occurring.

- Post treatment monitoring results for well TW-03 show an initial increase of parent compounds followed by a rapid decline and slow formation of daughter products. As shown on Table 8, PCE concentrations at TW-03 increased from 210 µg/L to 1,100 µg/L between May and September, and then declined to 590 µg/L in December and to 92 µg/L in March. Between May and March TCE concentrations declined steadily from 200 µg/L to 77 µg/L. The presence of cis-1,2-DCE indicates reductive de-chlorination, but the lack of vinyl chloride indicates the reaction is not complete. Between May and March cis-1,2-DCE concentrations increased from 14 µg/L to 450 µg/L, but vinyl chloride was not detected in any TW-03 samples. These results indicate that reductive de-chlorination was not immediately enhanced by treatment at this location, but is now occurring.

Although low concentrations of parent compounds are present, samples collected from deep piezometers IW-01 and MW-3C indicate that that reductive de-chlorination of daughter compounds is also occurring at depth beneath the MW-3 source area. Following treatment, vinyl chloride concentrations increased at IW-01 and MW-3C as described below.

- At IW-01 PCE and TCE were detected in May and December samples below 1 µg/L, but not detected in September or March samples. Between May and March cis-1,2-DCE declined from 8.8 µg/L to 1.7 µg/L and vinyl chloride increased from 5.5 µg/L to 9.3 µg/L.

- At MW-3C PCE and TCE were detected in May samples below 2.5 µg/L, but not detected in March samples. Between May and March cis-1,2-DCE declined from 37 µg/L to 5.0 µg/L and vinyl chloride increased from 0.57 µg/L to 1.8 µg/L.

4.3.4 Down Gradient Contaminant Concentration Trends

As described in Section 4.2 above, groundwater quality standards were exceeded in samples collected from down gradient wells MW-2, MW-2A, MW-2B, MW-7, MW-7A, and MW-7B. With the exception of a slight increase in PCE concentrations at MW-7B, VOC concentrations at the MW-7 nest began declining prior to in-situ treatment. Pre and post treatment concentrations at MW-2B are similar, but changes were observed at well MW-2 and MW-2A; both of these down gradient wells were treated by bacteria inoculation. Increasing parent and daughter compound concentrations at MW-2 and decreasing parent and daughter compounds at MW-2A are described below.

- At MW-02 PCE concentrations increased from 110 µg/L to 470 µg/L between May and September and TCE increased from 69 µg/L to 360 µg/L. During the same time period cis-1,2-DCE increased from 260 µg/L to 1,000 µg/L, and vinyl chloride increased from 5.5 µg/L to 9.3 µg/L.

- At MW-02A PCE concentrations decreased from 590 µg/L to 250 µg/L between May and September and TCE decreased from 380 µg/L to 180 µg/L. During the same time period cis-1,2-DCE increased from 260 µg/L to 1,000 µg/L, and vinyl chloride increased from 5.5 µg/L to 9.3 µg/L.

The presence of daughter compounds at the MW-2 and MW-7 well nests prior to in-situ treatment indicates reductive de-chlorination was occurring prior to treatment. Post treatment results indicate that in-situ treatment stimulated reductive de-chlorination at MW-2A, but not at MW-2 or the MW-7 well nest.

4.3.5 Geochemical Indicator Parameters

As described in Section 3.0, groundwater monitoring includes the collection of field parameters and inorganic compounds. These geochemical indicator parameters include field measurements for pH, specific conductance, temperature, DO, and ORP, and laboratory analyses for sulfate and nitrate. Field measurements are summarized in Table 2, and sulfate and nitrate results are summarized in Table 3

Conditions for reductive de-chlorination are suitable with DO concentrations below 0.5 mg/L and ORP measurements below 50. As shown on Table 2, in-situ treatment resulted in an intended decline in DO and ORP at treatment area wells TW-01, TW-02, TW-03, IW-01, MW-3, MW-3A, MW-3B, MW-3C, MW-4, MW-4A, and MW-4B shortly after in-situ treatment began in June. DO and ORP measurements remained low between July and December, but rebounded in March. The March rebound occurred following a rise in the water table; the seasonal water table high occurred in March 2010 and the low in December 2009.

Declining sulfate concentrations are favorable for reductive de-chlorination. Sulfate was detected in all baseline samples indicating sulfate reducing conditions. Following treatments,

significant declines in sulfate concentrations were observed at shallow treatment area wells TW-01, TW-02, TW-03, MW-3 and MW-4, and at piezometers IW-01, MW-3C, and MW-4B.

Nitrate concentrations below 1 mg/L are favorable for reductive de-chlorination. Nitrate was not detected in any samples collected from the MW-3 and MW-4 well nests. Nitrate was detected at TW-01, TW-02, TW-03, MW-2, MW-2B, MW-7, and MW-7A. It exceeds 1 mg/L in all samples collected at down gradient well MW-7A and in the May 2009 baseline samples collected from TW-01 and TW-02. Although nitrate was also detected in all three baseline samples collected from wells TW-01, TW-02, and TW-03 located within the treatment zone, it was but not detected in subsequent samples. Elevated nitrate concentrations at MW-7A, and low levels of nitrate at MW-2, MW-2B, and MW-7 may limit reductive de-chlorination at these down gradient locations.

SUMMARY AND CONCLUSIONS SECTION FIVE

Several phase of site investigation were completed between 2004 and 2007, and results indicate that groundwater quality has been impacted by chlorinated VOCs. PCE is the primary constituent of concern that exceeds groundwater quality standards, but degradation products of PCE (TCE, cis- and trans 1,2-DCE, 1,1-DCE, and vinyl chloride) also exceed standards. The highest concentrations of chlorinated VOCs were detected in samples collected from MW-3 located adjacent to facility loading docks, and from MW-4 located adjacent to the former PCE tank. Although elevated concentrations of chlorinated VOCs were also detected in samples collected from down gradient wells, results indicate the lateral extent of contamination to the north, west, and southwest has been defined. Low concentrations of petroleum constituents and chlorinated VOCs were also detected in groundwater samples collected from monitoring wells located on the adjacent Lorman property. As shown on Figures 2, former wells MW-1, MW-2, and MW-3 were located southeast of the existing DB Oak facility building. This site was closed in 2001 because concentrations of petroleum constituents and chlorinated VOCs declined after several years of groundwater monitoring; site wells were abandoned as a condition of closure.

Elevated concentrations of VOCs have historically been were detected at shallow wells MW-3 and MW-4 indicating source areas near these wells. Samples collected from adjacent piezometers indicate that contaminants migrated vertically at MW-3, but not at MW-4. The vertical extent of total VOC contamination is greatest at the MW-3 well nest; elevated VOCs were detected below 100 feet in samples collected from the MW-3C boring prior to the installation of this deep piezometer. Elevated concentrations of VOCs were also detected in samples collected from shallow down gradient piezometers MW-2A and MW-7A, but samples collected from deep piezometers MW-2B and MW-7B indicate that VOC concentrations declined significantly below 65 feet.

A remedial response for soil remediation using soil vapor extraction (SVE) was completed prior to groundwater remediation. The SVE system was installed in the loading dock area and former PCE tank areas on the east side of the facility building between October and December 2006. The SVE system operated from mid-July 2007 to the end of the year, but was occasionally turned off during high water table conditions. Effluent concentrations measured after three months of operation were approximately half the concentration detected in the effluent samples collected after system startup. Additionally, soil samples collected in October 2007 indicate that target clean up standards have been achieved at six of the seven soil sample locations.

Potential remedial alternatives for groundwater were evaluated in the April 2009 Groundwater Remedial Actions Options Evaluation Report. In-situ biological reductive de-chlorination was selected for groundwater remediation. A work plan for nutrient and microbe injection (bacteria inoculation) to enhance the indigenous microbial populations to stimulate reductive de-chlorination of VOCs that is already occurring was submitted and subsequently approved by WDNR in May 2009. In June 2009, Edible Oil Substrate (EOS) was injected into the aquifer, which was followed by bacterial inoculation in July 2009. May 2009 baseline and September 2009 groundwater sample results along with a detailed description of completed injection activities were presented in an October 27, 2009 Status Report.

Groundwater samples collected following in-situ treatment indicates that in-situ treatment has enhanced biological reductive de-chlorination. Following in-situ treatment, significant declines of parent compounds (PCE and TCE) concentrations and increasing concentrations of daughter compounds (cis-1,2-DCE and vinyl chloride concentrations) were observed. The most significant changes were observed at shallow wells TW-01 and MW-3 located within the shallow treatment zone. Post treatment monitoring results for TW-01 show a rapid and almost complete degradation of parent and daughter compounds at this location. Post treatment monitoring data suggests that reductive de-chlorination is occurring at different rates within treatment zones. At MW-3 declining parent product concentrations indicate that significant reductive de-chlorination is occurring, but increase in daughter compounds indicates that the reaction is not complete at this source area. Post treatment monitoring results for well TW-02 show an initial increase of parent compounds followed by a slow decline and slow formation of daughter. Results for well TW-03 show an initial increase of parent compounds followed by a rapid decline and slow formation of daughter products. These results indicate that reductive de-chlorination was not immediately enhanced by treatment at TW-02 and TW-03, but is now occurring.

A slight decline in PCE and TCE concentrations and formation of daughter products at MW-3A indicate that reductive de-chlorination is occurring at a slow rate at intermediate depths beneath the MW-3 source area. Little degradation of parent compounds and the slow formation of daughter products at MW-3B indicate that reductive de-chlorination may also be occurring at a slow rate at depth beneath the MW-3 source area. Low concentrations of parent compounds are present, samples collected from deep piezometers IW-01 and MW-3C indicate that that reductive de-chlorination of daughter compounds is occurring at depth beneath the MW-3 source area.

The presence of daughter compounds at the MW-2 and MW-7 well nests prior to in-situ treatment indicates reductive de-chlorination was occurring prior to in-situ treatment. Post treatment results indicate that in-situ treatment stimulated reductive de-chlorination at MW-2A, but not at MW-2 or MW-2B. Pre and post treatment concentrations at MW-2B are similar, but changes were observed at well MW-2 and MW-2A, which were the only two down gradient wells treated by bacteria inoculation. Increasing parent and daughter compound concentrations were observed at MW-2, and decreasing parent and daughter compounds were observed at MW-2A. Additional monitoring is needed to determine if a fluctuating water table, changes in the direction of groundwater flow, or geochemical indicator parameters influence reductive de-chlorination at down gradient locations.

Field measurements for DO and ORP were recorded at the time of samples collection. In-situ treatment resulted in an intended decline in DO and ORP at treatment area wells (TW-01, TW-02, TW-03, IW-01, MW-3, MW-3A, MW-3B, MW-3C, MW-4, MW-4A, and MW-4B) shortly after in-situ treatment began in June. DO and ORP measurements remained low between July and December, but rebounded in March. The March rebound occurred following a rise in the water table; the seasonal water table low occurred in March 2010 and the low in December 2009.

Declining sulfate and low nitrate concentrations are favorable for reductive de-chlorination. Sulfate was detected in all baseline samples indicating sulfate reducing conditions. Following treatments, significant declines in sulfate concentrations were observed at shallow treatment area wells TW-01, TW-02, TW-03, MW-3 and MW-4, and at piezometers IW-01, MW-3C, and MW-4B. Nitrate was not detected in any samples collected from the MW-3 and MW-4 well nests, and at low concentrations at TW-01, TW-02, TW-03, MW-2, MW-2B, MW-7, and MW-7A. Elevated nitrate concentrations at MW-7A, and low levels of nitrate at MW-2, MW-2B, and MW-7 may limit reductive de-chlorination at these down gradient locations.

Concentrations of PCE and TCE are expected to continue to decline within the treatment zone as these compounds degrade into cis-1,2-DCE and vinyl chloride. As reductive de-chlorination continues, cis-1,2-DCE and vinyl chloride concentrations are expected to decline within the treatment zone as these daughter products also degrade.

NewFields recommended the quarterly collection of additional groundwater samples during June, September, and December, and March 2011. June, December, and September 2009 sample collection will be limited to treatment area and down gradient wells with groundwater quality exceedances. March 2011 samples will be collected from all existing wells. All groundwater samples will be analyzed VOCs. All treatment area wells and down gradient wells will also be analyzed for sulfate and nitrate. Field measurements for pH, specific conductance, temperature, dissolved oxygen, oxidation reduction potential will also be recorded at the time of sample collection. The recommended monitoring program is summarized below.

Sampling Event	Treatment Area Wells	Down Gradient Wells	Perimeter Wells
June 2010	IW-01 TW-01, -02, -03 MW-3, -3A, 3B, -3C MW-4, -4A, -4B	MW-2, -2A, 2B MW-7A, -7B	
September 2010			MW-5, -7, -8, -8A, -8B
December 2010			
March 2011			MW-5, -7, -8, -8A, -8B

Water levels will be measured at all well locations during each sampling event, including wells MW-1, MW-6, MW-6A, which will not be sampled for VOCs.

Biotraps should be installed at treatment area wells and down gradient wells to further evaluate reductive de-chlorination at different locations within the treatment zone and down gradient dissolved phase plume.

Groundwater monitoring results will be presented in an annual report that will be submitted to WDNR in April or early May 2011. Results will then be used to estimate the supplemental injection volume, if required. Supplemental injection may include injection into the lateral SVE piping, injection into small diameter borings, and/or additional bacteria inoculation.

Phase II Environmental Site Assessment, D.B. Oak Property, 700-710 Oak Street, Fort Atkinson, Wisconsin, ATEC Project No. 74-07-95-00018. Prepared by ATEC Associates, Inc. April 26, 1995.

Work Plan for Hydrogeologic Site Investigation and Evaluation of Potential Remedial Responses. Prepared by NewFields, November 8, 2004.

Hydrogeologic Site Investigation Status Report, D.B. Oaks Facility, 700-710 Oak Street, Ft. Atkinson, Wisconsin. Prepared by NewFields, February 11, 2005.

Site Investigation Status Report, D.B. Oaks Facility, 700-710 Oak Street, Ft. Atkinson, Wisconsin. Prepared by NewFields, November 10, 2005.

Supplemental Site Investigation Status Report, D.B. Oaks Facility, 700-710 Oak Street, Ft. Atkinson, Wisconsin. Prepared by NewFields, May 3, 2006.

Design Plan for Soil Remediation System, D.B. Oaks Facility in Ft. Atkinson, Wisconsin. Prepared by RMT, August 2006.

Construction Documentation Report for Soil Remediation System, D.B. Oaks Facility in Ft. Atkinson, Wisconsin. Prepared by RMT, May 2, 2007.

Quarterly Progress Report, D.B. Oaks Facility – WDNR BRRTs #03-28-176509, Ft. Atkinson, Wisconsin. Prepared by RMT, December 6, 2007.

Supplemental Site Investigation Status Report, D.B. Oaks Facility, 700-710 Oak Street, Ft. Atkinson, Wisconsin. Prepared by NewFields, December 21, 2007.

Groundwater Remedial Actions Options Evaluation Report, D.B. Oaks Facility, 700-710 Oak Street, Ft. Atkinson, Wisconsin. Prepared by NewFields, April 23, 2009.

Work Plan for *In-situ Treatment using Biological Reductive De-chlorination, D.B. Oaks Facility, 700-710 Oak Street, Ft. Atkinson, Wisconsin.* Prepared by NewFields, May 5, 2009.

Status Report for In-situ Treatment using Biological Reductive De-chlorination, D.B. Oaks Facility, 700-710 Oak Street, Ft. Atkinson, Wisconsin. Prepared by NewFields, October 27, 2009.

Tables

Table 1
Monitoring Well Construction and Groundwater Elevations
DB Oaks Facility, Fort Atkinson, Wisconsin

Well Location	Reference Elevation	Ground Elevation	Top of Screen Elevation	Depth to Top of Screen	Bottom of Screen Elevation	Depth to Bottom of Screen	May 26, 2009		July 9, 2009		September 22, 2009		December 2, 2009		March 23, 2010	
							Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation
IW-01	793.11	793.35	697.35	96	687.35	106	8.09	785.02	9.34	783.77	11.32	781.79	10.72	782.39	9.88	783.23
TW-01	793.08	793.33	788.33	5	778.33	15	--	793.08	8.23	784.85	8.88	784.20	9.22	783.86	8.49	784.59
TW-02	793.38	793.88	788.88	5	778.88	15	--	793.38	4.91	788.47	5.61	787.77	4.31	789.07	3.92	789.46
TW-03	793.20	792.65	787.65	5	777.65	15	--	793.20	2.25	790.95	3.13	790.07	1.61	791.59	1.62	791.58
MW-1	793.36	791.3	783.30	8	773.30	18	7.80	785.56	9.58	783.78	12.27	781.09	11.91	781.45	10.88	782.48
MW-2	791.21	791.5	786.00	5.5	776.00	15.5	6.32	784.89	7.93	783.28	10.24	780.97	9.83	781.38	8.87	782.34
MW-2A	791.27	791.5	756.50	35	751.50	40	6.28	784.99	7.90	783.37	10.32	780.95	9.94	781.33	8.93	782.34
MW-2B	791.20	791.5	711.50	80	706.50	85	6.31	784.89	7.94	783.26	10.40	780.80	10.01	781.19	8.96	782.24
MW-3	793.20	790.9	787.90	3	777.90	13	5.30	787.90	6.59	786.61	7.82	785.38	6.64	786.56	6.10	787.10
MW-3A	793.51	790.9	747.90	43	742.90	48	8.61	784.90	9.84	783.67	11.86	781.65	11.23	782.28	10.35	783.16
MW-3B	793.45	791.1	716.10	75	711.10	80	8.65	784.80	9.89	783.56	11.90	781.55	11.28	782.17	10.39	783.06
MW-3C	793.49	791.0	666.00	125	661.00	130	8.56	784.93	9.30	784.19	9.00	784.49	11.65	781.84	10.70	782.79
MW-4	799.24	796.8	791.80	5	781.80	15	6.72	792.52	7.50	791.74	8.86	790.38	6.97	792.27	6.73	792.51
MW-4A	799.13	797.1	763.10	34	758.10	39	6.62	792.51	7.40	791.73	8.75	790.38	6.85	792.28	6.61	792.52
MW-4B	799.07	796.9	716.90	80	711.90	85	6.64	792.43	7.42	791.65	8.80	790.27	6.91	792.16	6.64	792.43
MW-5	798.51	796.2	792.20	4	782.20	14	4.93	793.58	6.41	792.10	8.53	789.98	5.02	793.49	4.60	793.91
MW-6	797.29	797.7	791.70	6	781.70	16	5.28	792.01	7.29	790.00	14.24	783.05	12.80	784.49	4.65	792.64
MW-6A	797.45	797.8	762.80	35	757.80	40	13.24	784.21	15.00	782.45	17.56	779.89	17.32	780.13	16.16	781.29
MW-7	794.48	792.0	782.00	10	772.00	20	8.76	785.72	10.49	783.99	13.22	781.26	12.82	781.66	11.85	782.63
MW-7A	794.28	792.1	752.10	40	747.10	45	8.65	785.63	10.38	783.90	13.09	781.19	12.73	781.55	11.73	782.55
MW-7B	794.24	791.8	711.80	80	706.80	85	8.65	785.59	10.36	783.88	13.06	781.18	12.69	781.55	11.70	782.54
MW-8	795.03	792.8	782.80	10	772.80	20	2.84	792.19	3.56	791.47	4.87	790.16	3.20	791.83	2.95	792.08
MW-8A	795.17	792.8	747.80	45	742.80	50	8.86	786.31	10.18	784.99	12.29	782.88	11.58	783.59	10.73	784.44
MW-8B	795.19	792.7	712.70	80	707.70	85	9.00	786.19	10.20	784.99	12.31	782.88	11.58	783.61	10.74	784.45

Table 2 (Page 1 of 5)
Field Measurements
DB Oaks Facility, Fort Atkinson, Wisconsin

Date	Location	Temperature (Celcius)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	pH	ORP
5/26/09	IW-01	10.51	0.475	0.20	7.62	-46.3
7/9/2009	IW-01	12.51	0.528	0.19	7.43	-124.3
9/22/2009	IW-01	15.53	0.551	0.76	7.79	-151.30
12/2/2009	IW-01	13.11	0.549	0.76	7.37	-172.8
3/23/2010	IW-01	11.14	0.539	2.34	7.62	-154.2
5/26/09	MW-1	9.28	0.675	1.01	6.89	30.2
7/9/2009	MW-1	12.31	0.786	0.23	6.63	40.6
9/22/2009	MW-1	13.43	0.687	3.04	6.93	68.40
12/2/2009	MW-1	12.32	0.65	2.14	6.91	55.8
3/23/2010	MW-1	7.41	0.797	6.0	6.82	251.3
5/26/09	MW-2	10.33	0.934	2.41	7.27	52.8
7/9/2009	MW-2	12.28	1.057	0.20	6.80	-8.7
9/22/2009	MW-2	14.03	1.073	1.05	7.22	-106.30
12/2/2009	MW-2	12.18	0.949	0.65	6.86	-14.7
3/23/2010	MW-2	6.92	0.812	2.32	6.90	17.3
5/26/09	MW-2A	9.01	0.470	0.04	7.38	-27.1
7/9/2009	MW-2A	11.59	0.493	0.12	7.09	-33.6
9/22/2009	MW-2A	12.64	0.473	0.61	7.33	-107.10
12/2/2009	MW-2A	11.94	0.5	0.19	7.27	-275.4
3/23/2010	MW-2A	7.58	0.496	1.84	7.41	22.6
5/26/09	MW-2B	8.89	0.093	0.53	5.81	70.4
9/22/2009	MW-2B	13.43	0.168	0.74	7.19	-72.20
12/2/2009	MW-2B	12.08	0.226	3.28	7.25	55.4
3/23/2010	MW-2B	9.76	0.182	3.03	7.44	24.6

Table 2 (Page 2 of 5)
Field Measurements
DB Oaks Facility, Fort Atkinson, Wisconsin

Date	Location	Temperature (Celcius)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	pH	ORP
5/26/09	MW-3	11.54	0.598	0.30	7.99	51.4
6/1/09	MW-3	12.81	0.499	1.83	8.14	-27.4
6/3/09	MW-3	11.40	0.515	0.32	7.76	-40.80
6/4/09	MW-3	10.74	0.474	0.25	7.65	-24.80
6/5/09	MW-3	11.25	0.425	0.95	7.60	26.60
6/10/09	MW-3	11.31	0.404	0.34	7.66	-72.2
6/11/09	MW-3	11.20	0.393	0.44	7.57	-65.7
7/9/2009	MW-3	13.89	1.443	0.16	6.77	-166.7
9/22/2009	MW-3	15.18	0.434	0.25	6.22	-181.20
12/2/2009	MW-3	13.23	1.18	0.74	6.26	-208.1
3/23/2010	MW-3	7.23	0.714	1.15	6.44	-191.2
5/26/09	MW-3A	10.61	0.776	1.43	7.41	43.7
6/3/09	MW-3A	13.65	0.849	0.03	7.15	-58.70
6/4/09	MW-3A	13.52	0.824	0.11	7.19	-44.30
6/5/09	MW-3A	13.42	0.763	0.06	7.20	-50.00
6/10/09	MW-3A	13.47	0.673	0.11	7.35	-59.2
7/9/2009	MW-3A	13.52	1.028	0.21	7.02	-248.8
9/22/2009	MW-3A	14.74	0.999	1.21	7.03	-238.60
12/2/2009	MW-3A	13.49	0.928	0.77	6.95	-284.1
3/23/2010	MW-3A	10.38	0.828	1.16	7.18	-117.9
5/26/09	MW-3B	10.50	0.522	4.16	7.84	18.7
6/3/09	MW-3B	13.85	0.582	0.05	7.48	-52.90
6/4/09	MW-3B	13.81	0.539	0.66	7.50	10.10
6/5/09	MW-3B	13.70	0.503	0.30	7.54	1.20
6/10/09	MW-3B	13.79	0.446	0.14	7.59	-21.1
6/11/09	MW-3B	13.71	0.445	0.17	7.59	-38.60
7/9/2009	MW-3B	13.04	0.622	0.20	7.23	-50.6
9/22/2009	MW-3B	16.33	0.416	0.46	8.14	-177.70
12/2/2009	MW-3B	13.52	0.603	0.57	7.20	-247.4
3/23/2010	MW-3B	9.74	0.548	7.03	7.51	-67.7
5/26/09	MW-3C	10.36	0.479	0.18	7.93	-57.3
7/9/2009	MW-3C	12.75	0.374	0.13	7.91	-150.3
9/22/2009	MW-3C	14.97	0.634	0.50	7.33	-214.60
12/2/2009	MW-3C	13.26	0.441	0.50	7.52	-220.6
3/23/2010	MW-3C	10.69	0.473	1.89	7.53	-256.5

Table 2 (Page 3 of 5)
Field Measurements
DB Oaks Facility, Fort Atkinson, Wisconsin

Date	Location	Temperature (Celcius)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	pH	ORP
5/26/09	MW-4	10.66	0.535	1.35	7.57	24.4
6/2/09	MW-4	9.01	0.496	0.14	7.52	31.1
6/4/09	MW-4	9.19	0.465	0.31	7.56	-79.70
6/5/09	MW-4	9.27	0.44	0.90	7.58	-98.70
7/9/2009	MW-4	14.34	0.637	0.12	6.59	-153.7
9/22/2009	MW-4	15.43	0.727	0.90	7.05	-109.10
12/2/2009	MW-4	12.12	0.7	0.45	6.98	-166
3/23/2010	MW-4	6.22	0.57	2.43	7.04	-115.4
5/26/09	MW-4A	11.14	0.511	2.83	7.66	22.6
7/9/2009	MW-4A	12.17	0.561	0.21	7.16	-52.0
9/22/2009	MW-4A	13.64	0.526	0.81	7.43	-54.50
12/2/2009	MW-4A	11.33	0.539	0.27	7.26	-200.9
3/23/2010	MW-4A	7.19	0.467	8.22	7.62	41.9
5/26/09	MW-4B	10.08	0.562	0.21	7.52	-40.8
7/9/2009	MW-4B	12.18	0.686	0.23	7.45	-179.3
9/22/2009	MW-4B	15.80	0.684	0.71	7.62	-208.50
12/2/2009	MW-4B	11.02	0.608	0.69	7.22	-211.6
3/23/2010	MW-4B	7.71	0.542	3.88	7.39	34.2
5/26/09	MW-5	12.90	0.820	3.34	7.22	56.9
6/1/09	MW-5	12.09	0.471	1.11	7.94	30.7
7/9/2009	MW-5	13.62	1.088	0.24	6.60	40.1
9/22/2009	MW-5	13.83	1.101	1.48	6.88	18.20
12/2/2009	MW-5	11.20	1.093	1.29	6.76	-49
3/23/2010	MW-5	5.99	0.776	13.44	7.17	306.8
5/26/09	MW-6	10.12	0.371	7.49	7.55	15.6
9/22/2009	MW-6	14.89	0.562	7.74	7.22	49.90
12/2/2009	MW-6	13.75	0.549	6.99	7.32	29.5
3/23/2010	MW-6	7.06	0.624	14.41	7.30	207.5
5/26/09	MW-6A	9.90	0.754	1.97	7.45	39.4
9/22/2009	MW-6A	13.66	0.797	4.15	7.31	53.40
12/2/2009	MW-6A	13.32	0.79	1.28	7.35	-4.3
3/23/2010	MW-6A	10.57	0.735	6.80	7.15	212.3

Table 2 (Page 4 of 5)
Field Measurements
DB Oaks Facility, Fort Atkinson, Wisconsin

Date	Location	Temperature (Celcius)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	pH	ORP
5/26/09	MW-7	9.40	0.522	6.01	7.48	47.4
9/22/2009	MW-7	12.70	0.532	3.26	7.15	60.50
12/2/2009	MW-7	12.01	0.494	2.28	7.23	54
3/23/2010	MW-7	9.29	0.606	11.19	7.22	330.7
5/26/09	MW-7A	9.02	0.675	6.49	7.51	60.4
9/22/2009	MW-7A	12.58	0.775	4.87	7.21	62.80
12/2/2009	MW-7A	11.67	0.793	3.04	7.01	48
3/23/2010	MW-7A	9.45	0.757	6.67	7.10	307.3
5/26/09	MW-7B	9.48	0.739	2.44	7.71	68.8
9/22/2009	MW-7B	13.48	0.846	2.23	7.42	84.20
12/2/2009	MW-7B	12.03	0.865	0.27	7.40	81.4
3/23/2010	MW-7B	8.94	0.849	8.66	7.51	310.9
5/26/09	MW-8	12.96	0.899	1.30	7.26	58.9
9/22/2009	MW-8	15.68	0.901	1.72	6.90	63.40
12/2/2009	MW-8	11.05	0.795	0.38	7.01	-10.6
3/23/2010	MW-8	6.76	1.256	3.96	7.02	319.8
5/26/09	MW-8A	8.92	0.659	3.89	7.56	64.0
9/22/2009	MW-8A	12.97	0.712	2.35	9.18	59.40
12/2/2009	MW-8A	11.68	0.705	0.83	7.24	6.2
3/23/2010	MW-8A	9.23	0.685	11.02	7.54	320.9
5/26/09	MW-8B	9.30	0.779	1.67	7.54	61.7
7/9/2009	MW-8B	11.57	6.860	0.61	6.86	-2.8
9/22/2009	MW-8B	12.70	0.843	1.64	7.11	77.10
12/2/2009	MW-8B	11.52	0.832	0.68	7.16	73.6
3/23/2010	MW-8B	9.16	1.189	2.35	7.19	317.1

Table 2 (Page 5 of 5)
Field Measurements
DB Oaks Facility, Fort Atkinson, Wisconsin

Date	Location	Temperature (Celcius)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	pH	ORP
6/1/09	TW-01	11.07	0.802	1.53	12.01	-223.8
6/1/09	TW-01	10.42	0.846	0.71	12.09	-233.2
6/3/09	TW-01	11.25	0.53	0.89	10.32	-146.80
6/4/09	TW-01	10.74	0.44	0.43	10.91	-190.80
6/5/09	TW-01	10.32	0.397	0.28	11.35	-168.80
7/9/2009	TW-01	12.81	1.278	0.11	6.76	-179.3
9/22/2009	TW-01	16.68	2.348	0.51	5.67	-18.80
12/2/2009	TW-01	13.94	1.02	0.40	6.81	-249
3/23/2010	TW-01	8.62	0.301	1.45	6.84	-166.0
6/1/09	TW-02	12.49	0.312	2.05	10.56	-164.8
6/2/09	TW-02	10.26	0.432	1.00	10.41	-116
6/3/09	TW-02	10.32	0.374	0.62	9.62	-102.00
6/4/09	TW-02	10.34	0.377	0.36	9.09	-123.30
6/5/09	TW-02	10.31	0.475	0.38	7.97	-101.00
6/5/09	TW-02	10.20	0.443	0.10	8.67	-111.30
6/10/09	TW-02	10.55	0.403	0.14	8.48	-188.1
6/11/09	TW-02	10.61	0.409	0.14	8.53	-196.1
7/9/2009	TW-02	16.17	0.544	0.11	11.10	-179.3
9/22/2009	TW-02	17.54	0.620	0.48	11.58	-253.70
12/2/2009	TW-02	12.92	0.457	0.32	10.52	-390.8
3/23/2010	TW-02	7.01	0.705	2.56	11.93	-287.1
6/1/09	TW-03	11.32	0.536	0.28	7.95	-132.8
6/2/09	TW-03	10.52	0.465	0.14	7.41	-75.1
6/2/09	TW-03	10.24	0.436	0.08	7.49	-102
6/2/09	TW-03	10.44	0.651	4.49	9.47	-22.9
6/2/09	TW-03	9.38	0.484	0.16	7.8	-112
6/3/09	TW-03	9.46	0.482	0.06	7.56	-119.20
6/4/09	TW-03	10.18	0.424	0.25	7.52	-97.00
6/5/09	TW-03	9.63	0.419	0.14	7.56	-100.00
6/5/09	TW-03	9.68	0.402	0.11	7.44	-90.60
6/10/09	TW-03	10.14	0.341	0.39	7.55	-92.6
6/11/09	TW-03	10.06	0.377	0.30	7.54	-96.2
7/9/2009	TW-03	15.06	0.596	0.09	7.10	-179.3
9/22/2009	TW-03	18.10	0.609	0.83	7.53	-30.60
12/2/2009	TW-03	11.42	0.519	0.47	7.20	-215.7
3/23/2010	TW-03	6.09	0.154	5.61	8.25	-46.2

Table 3
Groundwater Sample Results for Inorganic Constituents
DB Oaks Facility, Fort Atkinson, Wisconsin

Well Location	May 2009*	September 2009	December 2009	March 2010	May 2009*	September 2009	December 2009	March 2010
	Nitrate as N (mg/L)	Nitrate as N (mg/L)	Nitrate as N (mg/L)	Nitrate as N (mg/L)	Sulfate as SO4 (mg/L)	Sulfate as SO4 (mg/L)	Sulfate as SO4 (mg/L)	Sulfate as SO4 (mg/L)
IW-01	<0.025	<0.025	<0.025	<0.025	**<5.0>**	<2.5	<2.5	<2.5
TW-01	**4.1**	**0.34**	<0.025	<0.025	**40**	**47**	<2.5	<2.5
TW-02	**0.14**	<0.025	<0.025	<0.025	**19**	<2.5	**5.1**	**<4.3>**
TW-03	**4.3**	<0.025	<0.025	<0.025	**48**	**44**	**24**	**<3.6>**
MW-2	**0.23**	<0.025	**<0.047>**	--	**35**	**30**	**34**	**44**
MW-2A	<0.025	<0.025	<0.025	<0.025	**38**	**64**	**75**	**86**
MW-2B	**0.11**	**0.76**	**0.60**	--	**81**	**74**	**74**	**65**
MW-3	<0.025	<0.025	<0.025	<0.025	**60**	<2.5	<2.5	<2.5
MW-3A	<0.025	<0.025	<0.025	<0.025	**66**	**57**	**58**	**57**
MW-3B	<0.025	<0.025	<0.025	<0.025	**74**	**66**	**69**	**66**
MW-3C	<0.025	<0.025	<0.025	<0.025	**12**	**<3.6>**	<2.5	<2.5
MW-4	<0.025	<0.025	<0.025	<0.025	**51**	**<4.1>**	**<3.9>**	**13**
MW-4A	<0.025	<0.025	<0.025	<0.025	**52**	**60**	**54**	**51**
MW-4B	<0.025	<0.025	<0.025	--	**110**	**61**	**49**	<2.5
MW-7	**0.099**	**0.22**	**0.46**	**0.27**	**33**	**8.1**	**7.5**	**21**
MW-7A	**2.9**	**2.70**	**3.10**	**2.5**	**48**	**48**	**42**	**41**
MW-7B	<0.025	<0.025	<0.025	<0.025	**68**	**57**	**68**	**68**

* Samples for TW-01, TW-02, and TW-03 were collected on June 1, 2009.
All units reported in µg/L.
All detected constituents are shown in bold.
< - Detected below Limit of Detection
< > Detected above Limit of Detection, but below Limit of Quatitation.

Table 4
May 2009 VOC Groundwater Sample Results
DB Oaks Facility, Fort Atkinson, Wisconsin

Constituent	PAL	ES	TW-01	TW-02	TW-03	IW-01	MW-1	MW-2	MW-2 DUP 1	MW-2A	MW-2B
1,1-Dichloroethene (DCE)	0.7	7	**12**	**17**	<4.2	<0.21	<0.21	<5.2	<5.2	<10	<0.21
cis-1,2-Dichloroethene (c-DCE)	7	70	**5,900**	**6,000**	*14*	*8.8*	<0.20	**260**	**270**	**660**	**1.4**
trans-1,2-Dichloroethene (t-DCE)	20	100	*52*	*64*	<5.2	<0.26	<0.26	<6.5	<6.5	<13	<0.26
Tetrachloroethene (PCE)	0.5	5	**3,000**	**320**	**210**	*0.76*	<0.21	**110**	**110**	**590**	**11**
Toluene	200	1,000	<8.6	<8.6	<3.4	<0.17	<0.18	<4.3	<4.3	<8.6	<0.17
Trichlorethene (TCE)	0.5	5	**350**	**440**	**200**	*0.68*	<0.17	**69**	**68**	**380**	**6.6**
Vinyl Chloride (VC)	0.02	0.2	**2,700**	**240**	<3.7	**5.5**	<0.18	**6.9**	**8.8**	<9.2	<0.18
Total VOCs			**12,014**	**7,081**	**424**	**15.74**	**0.0**	**445.9**	**456.8**	**1,630**	**19.0**

Constituent	PAL	ES	MW-3	MW-3A	MW-3B	MW-3B DUP 2	MW-3C	MW-4	MW-4A	MW-4B
1,1-Dichloroethene (DCE)	0.7	7	<54	<54	<54	<260	<0.22	<42	<0.21	<0.21
cis-1,2-Dichloroethene (c-DCE)	7	70	**2,800**	**18,000**	**480**	**530**	*37*	<40	**<0.55>**	<0.20
trans-1,2-Dichloroethene (t-DCE)	20	100	<51	**250**	<51	<330	**<0.38>**	<52	<0.26	<0.26
Tetrachloroethene (PCE)	0.5	5	**6,700**	**3,100**	**9,700**	**12,000**	*1.9*	**2,400**	*3.8*	*1.1*
Toluene	200	1,000	<45	<45	<45	<210	**<0.19>**	<34	<0.17	<0.17
Trichlorethene (TCE)	0.5	5	**4,000**	**2,100**	**2,300**	**2,100**	*2.5*	**1,100**	*1.6*	**0.42**
Vinyl Chloride (VC)	0.02	0.2	**270**	**1,700**	<42	<230	**0.57**	<37	<0.18	<0.18
Total VOCs			**13,770**	**25,150**	**12,480**	**14,630**	**42.54**	**3,500**	**6.0**	**1.52**

Constituent	PAL	ES	MW-5	MW-6	MW-6A	MW-7	MW-7A	MW-7B	MW-8	MW-8A	MW-8B
1,1-Dichloroethene (DCE)	0.7	7	<0.21	<0.21	<0.21	<0.21	<1.7	<0.22	<0.22	<0.22	<0.22
cis-1,2-Dichloroethene (c-DCE)	7	70	<0.20	<0.20	<0.20	<0.20	<1.6	<0.16	<0.16	<0.16	<0.16
trans-1,2-Dichloroethene (t-DCE)	20	100	<0.26	<0.26	<0.26	<0.26	<2.1	<0.21	<0.21	<0.21	<0.21
Tetrachloroethene (PCE)	0.5	5	<0.21	<0.21	<0.21	**<0.34>**	**94**	**8.6**	<0.12	<0.12	<0.12
Toluene	200	1,000	<0.17	<0.17	<0.17	<0.17	<1.4	<0.18	<0.18	<0.18	<0.18
Trichlorethene (TCE)	0.5	5	<0.17	<0.17	<0.17	<0.17	*<3.9>*	<0.37	<0.37	<0.37	<0.37
Vinyl Chloride (VC)	0.02	0.2	<0.18	<0.18	<0.18	<0.18	<1.5	<0.17	<0.17	<0.17	<0.17
Total VOCs			**0.0**	**0.0**	**0.0**	**0.3**	**97.9**	**8.6**	**0.0**	**0.0**	**0.0**

All units reported in µg/l.
All detected constituents are shown in bold
< - Detected below Limit of Detection.
< > Detected above Limit of Detection, but below Limit of Quatitation

PAL - Preventive Action Limit per Wisconsin Admin. Code sec. NR 141.10.
ES - Enforcement Standard per Wisconsin Admin. Code sec. NR 141.10.

Concentrations exceeding the PAL are in red italics.
Concentrations exceeding the ES are shaded.

Table 5
September 2009 VOC Groundwater Sample Results
DB Oaks Facility, Fort Atkinson, Wisconsin

Constituent	PAL	ES	TW-01	TW-02	TW-03	IW-01	MW-1	MW-2	MW-2A	MW-2B
Chloroform	0.6	6	<26	<26	<2.6	<0.20	--	<5.1	<10	<0.20
Dichlorofluoromethane	200	1000	<49	<49	<4.9	<0.29	--	<4.9	<9.8	<0.20
1,1-Dichloroethene (DCE)	0.7	7	<43	<43	<4.3	<0.21	--	<5.2	<10	<0.21
cis-1,2-Dichloroethene (c-DCE)	7	70	**5,000**	**3,300**	**<5.5>**	**2.7**	--	**630**	**920**	**1.8**
trans-1,2-Dichloroethene (t-DCE)	20	100	**140**	*<63>*	<4.1	<0.26	--	<6.5	<13	<0.26
Methylene Chloride	0.5	5	<44	<44	**17**	<0.48	--	<12	<24	<0.48
Tetrachloroethene (PCE)	0.5	5	**120**	**640**	**1,100**	<0.21	--	**270**	**530**	**9.2**
Toluene	200	1,000	<36	<120	<3.6	**<0.35>**		<4.3	<8.6	<0.17
Trichlorethene (TCE)	0.5	5	<74	**750**	**130**	<0.17	--	**170**	**280**	**6.4**
Vinyl Chloride (VC)	0.02	0.2	**1,300**	**410**	<3.4	**7.2**	--	**25**	**75**	<0.18
Total VOCs			**6,560**	**5,163**	**1,253**	**10.25**	**0**	**1,095**	**1,805**	**17.40**

Constituent	PAL	ES	MW-3	MW-3A	MW-3B	MW-3B DUP 1	MW-3C	MW-4	MW-4A	MW-4B
Chloroform	0.6	6	<100	<200	<160	<3.3	<0.20	<40	<0.13	<0.13
Dichlorofluoromethane	200	1000	<140	<290	<230	<6.2	<0.29	<58	**<0.30>**	<0.15
1,1-Dichloroethene (DCE)	0.7	7	<100	<210	<170	<5.4	<0.21	<42	<0.22	<0.22
cis-1,2-Dichloroethene (c-DCE)	7	70	**27,000**	**20,000**	**1,000**	**710**	**<0.35>**	**5,200**	**<0.36>**	**1.1**
trans-1,2-Dichloroethene (t-DCE)	20	100	**840**	**<300>**	<210	**<11>**	<0.26	<52	<0.21	<0.21
Methylene Chloride	0.5	5	<240	<480	<380	**21**	<0.48	<96	<0.22	<0.22
Tetrachloroethene (PCE)	0.5	5	<100	**1,200**	**9,800**	**9,200**	*<0.68>*	<41	<0.12	*3.6*
Toluene	200	1,000	<86	<170	<140	<4.5	<0.17	<120	<0.18	<0.18
Trichlorethene (TCE)	0.5	5	<84	**1,100**	**1,900**	**1,900**	**<0.22>**	**44**	<0.37	*1.2*
Vinyl Chloride (VC)	0.02	0.2	**12,000**	**2,300**	**210**	**160**	<0.18	**1,300**	<0.17	<0.17
Total VOCs			**39,840**	**24,900**	**12,910**	**11,981**	**1.25**	**6,544**	**0.66**	**5.90**

Constituent	PAL	ES	MW-5	MW-6	MW-6A	MW-7	MW-7A	MW-7B	MW-8	MW-8A	MW-8B
Chloroform	0.6	6	--	--	--	<0.13	<1.0	*<0.66>*	--	--	--
Dichlorofluoromethane	200	1000	--	--	--	<0.15	<2.0	<0.25	--	--	--
1,1-Dichloroethene (DCE)	0.7	7	--	--	--	<0.22	<1.7	<0.22	--	--	--
cis-1,2-Dichloroethene (c-DCE)	7	70	--	--	--	<0.16	<1.3	<0.16	--	--	--
trans-1,2-Dichloroethene (t-DCE)	20	100	--	--	--	<0.21	<1.6	<0.21	--	--	--
Methylene Chloride	0.5	5	--	--	--	<0.22	<1.7	<0.22	--	--	--
Tetrachloroethene (PCE)	0.5	5	--	--	--	*0.85*	**68**	**10**	--	--	--
Toluene	200	1,000	--	--	--	<0.18	<1.4	<0.18	--	--	--
Trichlorethene (TCE)	0.5	5	--	--	--	<0.37	**<5.9>**	**<0.39>**	--	--	--
Vinyl Chloride (VC)	0.02	0.2	--	--	--	<0.17	<1.4	<0.17	--	--	--
Total VOCs			**0**	**0**	**0**	**0.85**	**73.90**	**11.05**	**0**	**0**	**0**

All units reported in µg/l.
All detected constituents are shown in bold
< - Detected below Limit of Detection.
< > Detected above Limit of Detection, but below Limit of Quatitation

PAL - Preventive Action Limit per Wisconsin Admin. Code sec. NR 141.10.
ES - Enforcement Standard per Wisconsin Admin. Code sec. NR 141.10.

Concentrations exceeding the PAL are in red italics.
Concentrations exceeding the ES are shaded.

Table 6 (Page 1 of 2)
December 2009 VOC Groundwater Sample Results
DB Oaks Facility, Fort Atkinson, Wisconsin

Constituent	PAL	ES	TW-01	TW-02	TW-02 Dup2	TW-03	IW-01	MW-1	MW-2	MW-2A	MW-2B
Chloroform	0.6	6	<16	<26	<10	<2.6	<0.13	--	<3.3	<6.5	<0.13
Dichlorofluoromethane	200	1,000	<31	<49	<20	<2.9	<0.25	--	<6.2	<7.3	<0.25
1,1-Dichloroethene (DCE)	0.7	7	<27	<43	**<56>**	<4.3	<0.22	--	<5.4	<11	<0.22
cis-1,2-Dichloroethene (c-DCE)	7	70	**1,900**	**4,100**	**4,000**	**220**	**2**	--	**510**	**1,700**	**2.2**
trans-1,2-Dichloroethene (t-DCE)	20	100	***89***	***<62>***	***56***	<4.1	<0.21	--	<5.1	**<11>**	<0.21
p-Isopropytoluene			***89***	<33	<13	<3.3	<0.16	--	<4.1	<8.2	<0.16
Ispropyl Ether			<19	<31	<12	<3.1	<0.16	--	**<5>**	<7.8	<0.16
Methylene Chloride	0.5	5	<27	<44	<17	<4.4	<0.22	--	<5.5	<11	<0.22
Tetrachloroethene (PCE)	0.5	5	<15	**460**	**450**	**590**	**<0.12>**	--	**320**	**390**	**9.8**
Toluene	200	1,000	<22	<36	<14	<3.6	**5.8**	--	<4.5	<8.9	<0.18
Trichlorethene (TCE)	0.5	5	<46	**710**	**650**	**130**	**<0.43>**	--	**230**	**280**	**5.9**
Vinyl Chloride (VC)	0.02	0.2	**560**	**520**	**550**	<3.4	**7.8**	--	**<6.5>**	**56**	<0.17
Total VOCs			**2,638**	**5,852**	**5,762**	**940**	**16.15**	**0**	**1,072**	**2,437**	**17.90**

Constituent	PAL	ES	MW-3	MW-3A	MW-3B	MW-3C	MW-4	MW-4A	MW-4B	MW-5
Chloroform	0.6	6	<65	<160	<100	<0.33	<13	<0.13	<0.13	--
Dichlorofluoromethane	200	1,000	<120	<310	<200	<0.62	<25	<0.25	<0.25	--
1,1-Dichloroethene (DCE)	0.7	7	<110	<270	<170	<0.54	<22	<0.22	<0.22	--
cis-1,2-Dichloroethene (c-DCE)	7	70	**68,000**	**18,000**	**1,000**	<0.41	**1,600**	**<0.20>**	**2.5**	--
trans-1,2-Dichloroethene (t-DCE)	20	100	2,000	<260	<160	<0.51	<21	<0.21	<0.21	--
p-Isopropytoluene			82	<200	<130	<0.41	<16	<0.16	<0.16	
Ispropyl Ether			<78	<190	<120	<0.39	<16	<0.16	<0.16	
Methylene Chloride	0.5	5	<110	<270	<170	<0.55	<22	<0.22	<0.22	--
Tetrachloroethene (PCE)	0.5	5	<59	**1,500**	**9,700**	<0.30	**110**	**0.95**	***2.8***	--
Toluene	200	1,000	<89	<220	<140	**48**	<18	<0.18	<0.18	--
Trichlorethene (TCE)	0.5	5	<190	**<1,200>**	***<1.1>***	<1.1>	**<71>**	<0.37	***<1.1>***	--
Vinyl Chloride (VC)	0.02	0.2	**27,000**	**2,200**	<140	<0.42	**800**	<0.17	<0.17	--
Total VOCs			**97,082**	**22,900**	**10,701**	**48.00**	**2,581**	**1.15**	**6.40**	**0**

All units reported in µg/l.
All detected constituents are shown in bold
< - Detected below Limit of Detection.
< > Detected above Limit of Detection, but below Limit of Quatitation

PAL - Preventive Action Limit per Wisconsin Admin. Code sec. NR 141.10.
ES - Enforcement Standard per Wisconsin Admin. Code sec. NR 141.10.

Concentrations exceeding the PAL are in red italics.
Concentrations exceeding the ES are shaded.

Table 6 (Page 2 of 2)
December 2009 VOC Groundwater Sample Results
DB Oaks Facility, Fort Atkinson, Wisconsin

Constituent	PAL	ES	MW-6	MW-6A	MW-7	MW-7A	MW-7A Dup 1	MW-7B	MW-8	MW-8A	MW-8B
Chloroform	0.6	6	--	--	<0.13	<0.13	<0.13	<0.13	--	--	--
Dichlorofluoromethane	200	1,000	--	--	<0.25	<0.25	<0.25	<0.25	--	--	--
1,1-Dichloroethene (DCE)	0.7	7	--	--	<0.22	<0.22	<0.22	<0.22	--	--	--
cis-1,2-Dichloroethene (c-DCE)	7	70	--	--	<0.16	**<0.5>**	**0.54**	**<0.49>**	--	--	--
trans-1,2-Dichloroethene (t-DCE)	20	100	--	--	<0.21	<0.21	<0.21	<0.21	--	--	--
p-Isopropytoluene					<0.16	<0.16	<0.16	<0.16			
Ispropyl Ether					<0.16	<0.16	<0.16	<0.16			
Methylene Chloride	0.5	5	--	--	<0.22	<0.22	<0.22	<0.22	--	--	--
Tetrachloroethene (PCE)	0.5	5	--	--	*0.98*	**83**	**84**	**11**	--	--	--
Toluene	200	1,000	--	--	<0.18	<0.18	<0.18	<0.18	--	--	--
Trichlorethene (TCE)	0.5	5	--	--	<0.37	*3.6*	*3.5*	*<0.62>*	--	--	--
Vinyl Chloride (VC)	0.02	0.2	--	--	<0.17	<0.17	<0.17	<0.17	--	--	--
Total VOCs			**0**	**0**	**0.98**	**87.10**	**88.04**	**12.11**	**0**	**0**	**0**

All units reported in µg/l.
All detected constituents are shown in bold
< - Detected below Limit of Detection.
< > Detected above Limit of Detection, but below Limit of Quatitation

PAL - Preventive Action Limit per Wisconsin Admin. Code sec. NR 141.10.
ES - Enforcement Standard per Wisconsin Admin. Code sec. NR 141.10.

Concentrations exceeding the PAL are in red italics.
Concentrations exceeding the ES are shaded.

Table 7 (Page 1 of 2)
March 2010 VOC Groundwater Sample Results
DB Oaks Facility, Fort Atkinson, Wisconsin

Constituent	PAL	ES	TW-01	TW-02	TW-03	IW-01	MW-1	MW-2	MW-2A	MW-2B
Chloromethane	**0.3**	**3**	<0.23	<93	<12	<0.23	<0.28	<11	<28	<0.28
n-Butylbenzene			<0.18	<72	<9.1	<0.18	<0.14	<5.4	<14	<0.14
sec-Butylbenzene			<0.20	<78	<9.8	<0.20	<0.12	<5.0	<12	<0.12
tert-Butylbenzene			<0.21	<82	<10	<0.21	<0.13	<5.4	<13	<0.13
1,1-Dichloroethene (DCE)	0.7	7	<0.21	<83	<10	<0.21	<0.15	<6.0	<15	<0.15
cis-1,2-Dichloroethene (c-DCE)	7	70	**3.0**	**3,700**	**450**	**1.7**	<0.12	**1,000**	**1,900**	**4.6**
trans-1,2-Dichloroethene (t-DCE)	20	100	**0.93**	<100	<13	<0.26	<0.13	**<7.6>**	*<16>*	<0.13
Isopropylbenzene			<0.22	<86	<11	<0.22	<0.10	<4.0	<10	<0.10
p-Isopropytoluene			<0.19	<76	<9.5	<0.19	<0.11	<4.3	<11	<0.11
Tetrachloroethene (PCE)	0.5	5	*1.3*	**530**	**92**	<0.21	<0.18	**470**	**250**	**13**
Toluene	200	1,000	**<0.23>**	<68	<8.6	**7.2**	<0.16	<6.2	<16	<0.16
Trichlorethene (TCE)	0.5	5	*0.91*	**640**	**77**	<0.17	<0.16	**360**	**180**	**6.7**
Vinyl Chloride (VC)	0.02	0.2	**1.1**	**680**	<9.2	**9.3**	<0.17	**<17>**	**76**	<0.17
Total VOCs			**7.47**	**5,550**	**619**	**18.20**	**0.00**	**1,854.60**	**2,422**	**24.30**

Constituent	PAL	ES	MW-3	MW-3A	MW-3A DUP 2	MW-3B	MW-3C	MW-4	MW-4A	MW-4B
Chloromethane	**0.3**	**3**	<1,400	<350	<290	<220	<1.1	<190	<0.23	<0.23
n-Butylbenzene			<680	<170	<230	<110	<0.54	<23	<0.18	<0.18
sec-Butylbenzene			<620	<160	<240	<99	<0.50	<24	<0.20	<0.20
tert-Butylbenzene			<670	<170	<260	<110	<0.54	<26	<0.21	<0.21
1,1-Dichloroethene (DCE)	0.7	7	<760	<190	<260	<120	<0.60	**180**	<0.21	<0.21
cis-1,2-Dichloroethene (c-DCE)	7	70	**80,000**	**15,000**	**15,000**	**920**	**5.0**	**4,300**	**2.6**	**<0.29>**
trans-1,2-Dichloroethene (t-DCE)	20	100	**<1,800>**	**<180>**	<330	<100	<0.50	*<47>*	<0.26	<0.26
Isopropylbenzene			<510	<130	<270	<81	<0.40	<27	<0.22	<0.22
p-Isopropytoluene			<540	<140	<240	<86	<0.43	<24	<0.19	<0.19
Tetrachloroethene (PCE)	0.5	5	<900	**1,400**	**1,600**	**10,000**	<0.72	**5,000**	*3.3*	*2.2*
Toluene	200	1,000	<780	<200	<210	<120	*230*	<21	<0.17	<0.17
Trichlorethene (TCE)	0.5	5	<820	**1,300**	**1,500**	**2,200**	<0.65	**17,000**	*2.2*	**<0.25>**
Vinyl Chloride (VC)	0.02	0.2	**31,000**	**1,600**	**1,700**	<140	**<1.8>**	**1,600**	<0.18	<0.18
Total VOCs			**112,800**	**19,480**	**19,800**	**13,120.00**	**236.80**	**28,127**	**8.10**	**2.74**

All units reported in µg/l.
All detected constituents are shown in bold
< - Detected below Limit of Detection.
< > Detected above Limit of Detection, but below Limit of Quatitation

PAL - Preventive Action Limit per Wisconsin Admin. Code sec. NR 141.10.
ES - Enforcement Standard per Wisconsin Admin. Code sec. NR 141.10.

Concentrations exceeding the PAL are in red italics.
Concentrations exceeding the ES are shaded.

Table 7 (Page 2 of 2)
March 2010 VOC Groundwater Sample Results
DB Oaks Facility, Fort Atkinson, Wisconsin

Constituent	PAL	ES	MW-5	MW-6	MW-6A	MW-7	MW-7A	MW-7A DUP 1	MW-7B	MW-8	MW-8A	MW-8B
Chloromethane	**0.3**	**3**	<0.28	**<0.29>**	<0.28	<0.28	<1.4	<2.3	<0.28	<0.28	<0.28	<0.23
n-Butylbenzene			<0.14	<0.14	<0.14	<0.14	<0.68	<1.8	<0.14	**<0.16>**	<0.14	<0.18
sec-Butylbenzene			<0.12	<0.12	<0.12	<0.12	<0.62	<2.0	<0.12	**<0.14>**	<0.12	<0.20
tert-Butylbenzene			<0.13	<0.13	<0.13	<0.13	<0.67	<2.1	<0.13	**<0.14>**	<0.13	<0.21
1,1-Dichloroethene (DCE)	0.7	7	<0.15	<0.15	<0.15	<0.15	<0.76	<2.1	<0.15	<0.15	<0.15	<0.21
cis-1,2-Dichloroethene (c-DCE)	7	70	<0.12	<0.12	<0.12	<0.12	**5.0**	**<5.3>**	**<0.20>**	<0.12	<0.12	**<0.24>**
trans-1,2-Dichloroethene (t-DCE)	20	100	<0.13	<0.13	<0.13	<0.13	<0.63	<2.6	<0.13	<0.13	<0.13	<0.26
Isopropylbenzene			<0.10	<0.10	<0.10	<0.10	<0.51	<2.2	<0.10	**<0.12>**	<0.10	<0.22
p-Isopropytoluene			<0.11	<0.11	<0.11	<0.11	<0.54	<1.9	<0.11	**<0.15>**	<0.11	<0.19
Tetrachloroethene (PCE)	0.5	5	<0.18	<0.18	<0.18	**<0.32>**	**92**	**100**	**8.6**	**<0.22>**	*1.1*	*2.0*
Toluene	200	1,000	<0.16	<0.16	<0.16	<0.16	<0.78	<1.7	<0.16	<0.16	<0.16	<0.17
Trichlorethene (TCE)	0.5	5	<0.16	<0.16	<0.16	<0.16	**6.4**	**7**	*0.62*	<0.16	<0.16	<0.17
Vinyl Chloride (VC)	0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.87	<1.8	<0.17	<0.17	<0.17	<0.18
Total VOCs			**0.00**	**0.29**	**0.00**	**0.32**	**103.40**	**112.30**	**9.42**	**0.93**	**1.10**	**2.24**

All units reported in µg/l.
All detected constituents are shown in bold
< - Detected below Limit of Detection.
< > Detected above Limit of Detection, but below Limit of Quatitation

PAL - Preventive Action Limit per Wisconsin Admin. Code sec. NR 141.10.
ES - Enforcement Standard per Wisconsin Admin. Code sec. NR 141.10.

Concentrations exceeding the PAL are in red italics.
Concentrations exceeding the ES are shaded.

Table 8 (Page 1 of 3)
Historic Groundwater Sample Results – Volatile Organic Compounds (VOCs)
D.B Oaks Facility, Fort Atkinson, Wisconsin

Analyte	Date	TW-01	TW-02	TW-03	IW-01	MW-1	MW-2	MW-2A	MW-2B
1,1-DCE	12/16/2004	--	--	--	--	<0.24	18	<12	--
1,1-DCE	6/1/2005	--	--	--	--	<0.41	<210	<10	--
1,1-DCE	3/28/2006	--	--	--	--	<0.15	<76	16	--
1,1-DCE	11/2/2006	--	--	--	--	--	--	--	--
1,1-DCE	10/25/2007	--	--	--	--	<0.50	<25	<25	<0.50
1,1-DCE	4/21/2008	--	--	--	--	<0.50	<25	<25	<0.50
1,1-DCE	5/26/2009	12	17	<4.2	<0.21	<0.21	<5.2	<10	<0.21
1,1-DCE	9/22/2009	<43	<43	<4.3	<0.21	--	<5.2	<10	<0.21
1,1-DCE	12/2/2009	<27	<34	<4.3	<0.22	--	<5.4	<11	<0.22
1,1-DCE	3/23/2010	<0.21	<83	<10	<0.21	<0.15	<6.0	<15	<0.15
trans-1,2-	12/16/2004	--	--	--	<0.21	<0.11	32	<5.4	--
trans-1,2-	6/1/2005	--	--	--	--	<0.35	160	<8.7	--
trans-1,2-	3/28/2006	--	--	--	--	<0.17	<85	20	--
trans-1,2-	11/2/2006	--	--	--	--	--	--	--	--
trans-1,2-	10/25/2007	--	--	--	--	<0.50	<25	<25	<0.50
trans-1,2-	4/21/2008	--	--	--	--	<0.50	<25	<25	<0.50
trans-1,2-	5/26/2009	52	64	<5.2	<0.26	<0.26	<6.5	<13	<0.26
trans-1,2-	9/22/2009	140	63	<4.1	<0.26	--	<6.5	<13	<0.26
trans-1,2-	12/2/2009	89	62	<4.1	<0.21	--	<5.1	11	<0.21
trans-1,2-	3/23/2010	0.93	<100	<13	<0.26	<0.13	7.6	16	<0.13
cis-1,2-	12/16/2004	--	--	--	--	0.14	5,900	380	--
cis-1,2-	6/1/2005	--	--	--	--	<0.40	3,800	350	--
cis-1,2-	3/28/2006	--	--	--	--	<0.19	6,400	3,800	--
cis-1,2-	11/2/2006	--	--	--	--	--	--	--	--
cis-1,2-	10/25/2007	--	--	--	--	<0.50	1,800	1,800	19
cis-1,2-	4/21/2008	--	--	--	--	<0.50	560	2,100	19
cis-1,2-	5/26/2009	5,900	6,000	14	8.8	<0.20	260	660	1.4
cis-1,2-	9/22/2009	5,000	3,300	5.5	2.7	--	630	920	1.8
cis-1,2-	12/2/2009	1,900	4,100	220	2	--	510	1,700	2.2
cis-1,2-	3/23/2010	3.0	3,700	450	1.7	<0.12	1,000	1,900	4.6
TCE	12/16/2004	--	--	--	--	<0.12	140	69	--
TCE	6/1/2005	--	--	--	--	<0.25	160	83	--
TCE	3/28/2006	--	--	--	--	0.4	450	700	--
TCE	11/2/2006	--	--	--	--	--	--	--	--
TCE	10/25/2007	--	--	--	--	<0.50	520	530	6.2
TCE	4/21/2008	--	--	--	--	<0.50	85	620	6.2
TCE	5/26/2009	350	440	200	0.68	<0.17	69	380	6.6
TCE	9/22/2009	<74	750	130	<0.17	--	170	280	6.4
TCE	12/2/2009	<46	710	130	0.43	--	230	280	5.9
TCE	3/23/2010	0.91	640	77	<0.17	<0.16	360	180	6.7
PCE	12/16/2004	--	--	--	--	<0.13	120	44	--
PCE	6/1/2005	--	--	--	--	<0.31	<150	110	--
PCE	3/28/2006	--	--	--	--	<0.16	190	320	--
PCE	11/2/2006	--	--	--	--	--	--	--	--
PCE	10/25/2007	--	--	--	--	<0.50	<25	360	15
PCE	4/21/2008	--	--	--	--	<0.50	120	610	15
PCE	5/26/2009	3,000	320	210	0.76	<0.21	110	590	11
PCE	9/22/2009	120	640	1,100	<0.21	--	270	530	9.2
PCE	12/2/2009	<15	460	590	0.12	--	320	390	9.8
PCE	3/23/2010	1.3	530	92	<0.21	<0.18	470	250	13
Vinyl	12/16/2004	--	--	--	--	<0.16	33	29	--
Vinyl	6/1/2005	--	--	--	--	<0.11	<53	36	--
Vinyl	3/28/2006	--	--	--	--	<0.2	<98	91	--
Vinyl	11/2/2006	--	--	--	--	--	--	--	--
Vinyl	10/25/2007	--	--	--	--	<0.50	27	<25	<0.50
Vinyl	4/21/2008	--	--	--	--	<0.50	<25	<25	<0.50
Vinyl	5/26/2009	2,700	240	<3.7	5.5	<0.18	6.9	<9.2	<0.18
Vinyl	9/22/2009	1,300	410	<3.4	7.2	--	25	75	<0.18
Vinyl	12/2/2009	560	520	<3.4	7.8	--	6.5	56	<0.17
Vinyl	3/23/2010	1.1	680	<9.2	9.3	<0.17	17	76	<0.17

Table 8 (Page 2 of 3)
Historic Groundwater Sample Results – Volatile Organic Compounds (VOCs)
D.B Oaks Facility, Fort Atkinson, Wisconsin

Analyte	Date	MW-3	MW-3A	MW-3B	MW-3C	MW-4	MW-4A	MW-4B
1,1-DCE	12/16/2004	<1,200	--	--	--	<120	<0.24	--
1,1-DCE	6/1/2005	<1,000	<210	--	--	<210	<0.41	--
1,1-DCE	3/28/2006	<380	<76	<76	--	<150	<0.15	--
1,1-DCE	11/2/2006	<140	<140	<71	--	--	--	--
1,1-DCE	10/25/2007	<200	<125	<100	<1.0	<25	<0.50	--
1,1-DCE	4/21/2008	<130	<250	<100	<5	<500	<0.50	--
1,1-DCE	5/26/2009	<54	<54	<54	<0.22	<42	<0.21	<0.21
1,1-DCE	9/22/2009	<100	<210	<170	<0.21	<42	<0.22	<0.22
1,1-DCE	12/2/2009	<110	<270	<170	<0.54	<22	<0.22	<0.22
1,1-DCE	3/23/2010	<760	<190	<120	<0.60	180	<0.21	<0.21
trans-1,2-DCE	12/16/2004	<540	--	--	--	<54	<0.11	--
trans-1,2-DCE	6/1/2005	<870	250	--	--	<170	<0.35	--
trans-1,2-DCE	3/28/2006	<420	190	<85	--	<170	<0.17	--
trans-1,2-DCE	11/2/2006	<220	<220	<110	--	--	--	--
trans-1,2-DCE	10/25/2007	<200	190	<100	1	<25	<0.50	--
trans-1,2-DCE	4/21/2008	<130	<250	<100	<5	<500	<0.50	--
trans-1,2-DCE	5/26/2009	<51	250	<51	0.38	<52	<0.26	<0.26
trans-1,2-DCE	9/22/2009	840	300	<210	<0.26	<52	<0.21	<0.21
trans-1,2-DCE	12/2/2009	2,000	<260	<160	<0.51	<21	<0.21	<0.21
trans-1,2-DCE	3/23/2010	1,800	180	<100	<0.50	47	<0.26	<0.26
cis-1,2-DCE	12/16/2004	6,800	--	--	--	<66	0.89	--
cis-1,2-DCE	6/1/2005	2,600	13,000	--	--	<200	<0.40	--
cis-1,2-DCE	3/28/2006	3,500	12,000	600	--	<190	0.29	--
cis-1,2-DCE	11/2/2006	3,000	14,000	400	--	--	--	--
cis-1,2-DCE	10/25/2007	5,800	11,000	330	110	42	<0.50	--
cis-1,2-DCE	4/21/2008	2,100	16,000	530	49	600	<0.50	--
cis-1,2-DCE	5/26/2009	2,800	18,000	480	37	<40	<0.20	<0.20
cis-1,2-DCE	9/22/2009	27,000	20,000	1,000	0.35	5,200	0.36	1.1
cis-1,2-DCE	12/2/2009	68,000	18,000	1,000	<0.41	1,600	0.2	2.5
cis-1,2-DCE	3/23/2010	80,000	15,000	920	5.0	4,300	2.6	0.29
TCE	12/16/2004	17,000	--	--	--	10,000	23	--
TCE	6/1/2005	5,500	2,300	--	--	4,700	0.59	--
TCE	3/28/2006	7,200	2,900	2,800	--	38,000	0.97	--
TCE	11/2/2006	5,100	1,900	1,800	--	--	--	--
TCE	10/25/2007	3,300	1,500	1,200	1.4	1,500	8.5	--
TCE	4/21/2008	3,100	2,700	2,400	<5	43,000	1.1	--
TCE	5/26/2009	4,000	2,100	2,300	2.5	1,100	1.6	0.42
TCE	9/22/2009	<84	1,100	1,900	0.22	44	<0.37	1.2
TCE	12/2/2009	<190	1,200	2,200	1.1	71	<0.37	1.1
TCE	3/23/2010	<820	1,300	2,200	<0.65	17,000	2.2	0.25
PCE	12/16/2004	34,000	--	--	--	2,500	7.1	--
PCE	6/1/2005	27,000	3,000	--	--	2,500	1.2	--
PCE	3/28/2006	28,000	4,200	17,000	--	5,400	6.9	--
PCE	11/2/2006	22,000	1,700	9,700	--	--	--	--
PCE	10/25/2007	10,000	2,100	5,300	3.2	2,000	1.2	--
PCE	4/21/2008	24,000	4,400	12,000	<5	14,000	1.5	--
PCE	5/26/2009	6,700	3,100	9,700	1.9	2,400	3.8	1.1
PCE	9/22/2009	<100	1,200	9,800	0.68	<41	<0.12	3.6
PCE	12/2/2009	<59	1,500	9,700	<0.30	110	0.95	2.8
PCE	3/23/2010	<900	1,400	10,000	<0.72	5,000	3.3	2.2
Vinyl Chloride	12/16/2004	<820	--	--	--	<82	<0.16	--
Vinyl Chloride	6/1/2005	<270	910	--	--	<53	<0.11	--
Vinyl Chloride	3/28/2006	<490	740	<98	--	<200	<0.2	--
Vinyl Chloride	11/2/2006	79	580	<22	--	--	--	--
Vinyl Chloride	10/25/2007	710	520	<100	2.8	<25	<0.50	--
Vinyl Chloride	4/21/2008	<130	990	<100	<5	<500	<0.50	--
Vinyl Chloride	5/26/2009	270	1,700	<42	0.57	<37	<0.18	<0.18
Vinyl Chloride	9/22/2009	12,000	2,300	210	<0.18	1,300	<0.17	<0.17
Vinyl Chloride	12/2/2009	27,000	2,200	<140	<0.42	800	<0.57	<0.17
Vinyl Chloride	3/23/2010	31,000	1,600	<140	1.8	1,600	<0.18	<0.18

Table 8 (Page 3 of 3)
Historic Groundwater Sample Results – Volatile Organic Compounds (VOCs)
D.B Oaks Facility, Fort Atkinson, Wisconsin

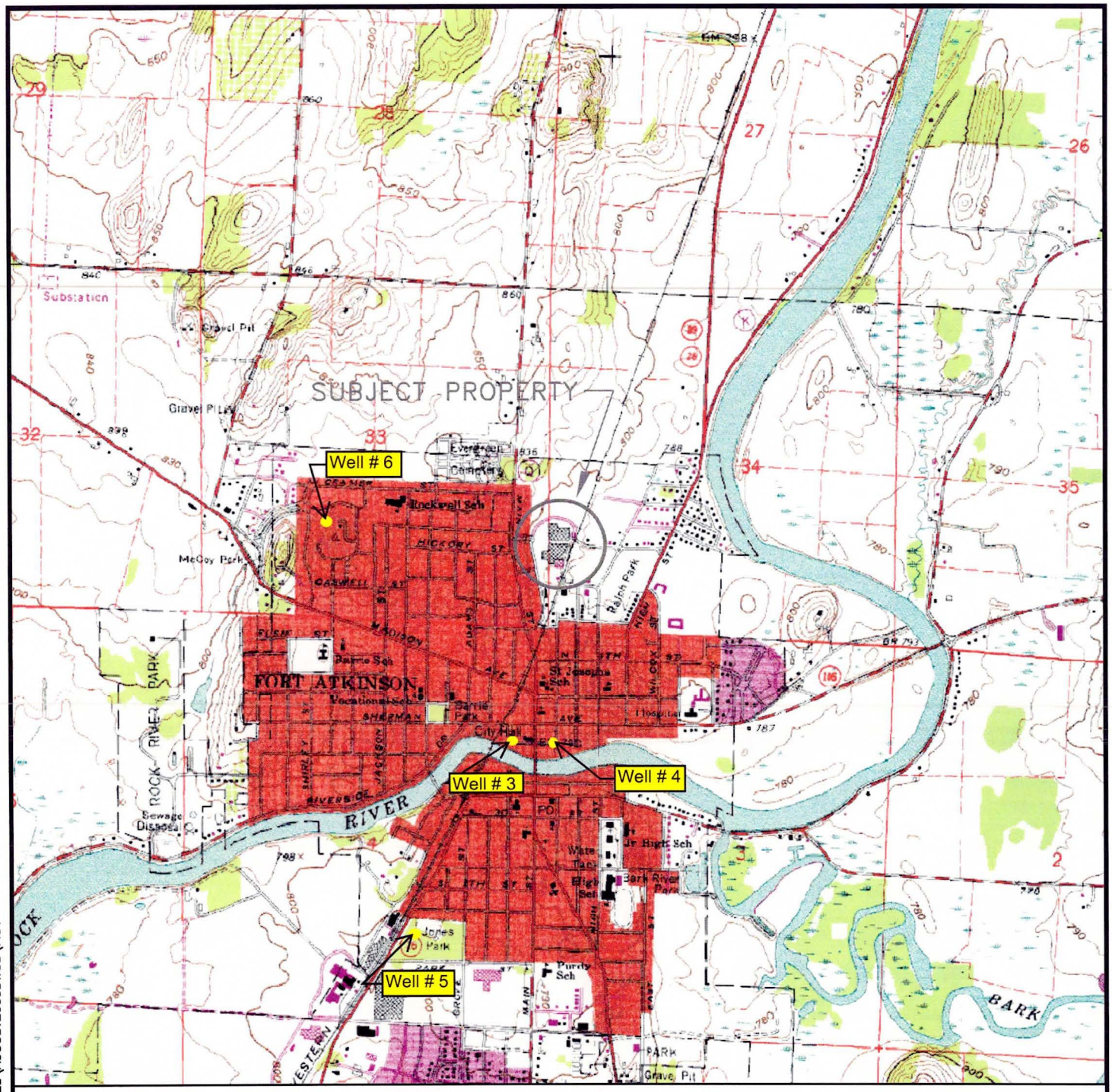
Analyte	Date	MW-5	MW-6	MW-6A	MW-7	MW-7A	MW-7B	MW-8	MW-8A	MW-8B
1,1-DCE	12/16/2004	<0.24	--	--	--	--	--	--	--	--
1,1-DCE	6/1/2005	<0.41	<0.41	<0.41	--	--	--	--	--	--
1,1-DCE	3/28/2006	<0.15	<0.15	<0.14	<0.15	<0.68	--	--	--	--
1,1-DCE	11/2/2006	--	--	--	<0.57	<5.7	--	--	--	--
1,1-DCE	10/25/2007	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50
1,1-DCE	4/21/2008	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1-DCE	5/26/2009	<0.21	<0.21	<0.21	<0.21	<1.7	<0.22	<0.22	<0.22	<0.22
1,1-DCE	9/22/2009	--	--	--	<0.22	<1.7	<0.22	--	--	--
1,1-DCE	12/2/2009	--	--	--	<0.22	<0.22	<0.22	--	--	--
1,1-DCE	3/23/2010	<0.15	<0.15	<0.15	<0.15	<0.76	<0.15	<0.15	<0.15	<0.21
trans-1,2-DCE	12/16/2004	<0.11	--	--	--	--	--	--	--	--
trans-1,2-DCE	6/1/2005	<0.35	<0.35	<0.35	--	--	--	--	--	--
trans-1,2-DCE	3/28/2006	<0.17	<0.17	<0.21	<0.17	<10	--	--	--	--
trans-1,2-DCE	11/2/2006	--	--	--	<0.89	<8.9	--	--	--	--
trans-1,2-DCE	10/25/2007	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50
trans-1,2-DCE	4/21/2008	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
trans-1,2-DCE	5/26/2009	<0.26	<0.26	<0.26	<0.26	<2.1	<0.21	<0.21	<0.21	<0.21
trans-1,2-DCE	9/22/2009	--	--	--	<0.21	<1.6	<0.21	--	--	--
trans-1,2-DCE	12/2/2009	--	--	--	<0.21	<0.21	<0.21	--	--	--
trans-1,2-DCE	3/23/2010	<0.13	<0.13	<0.13	<0.13	<0.63	<0.13	<0.13	<0.13	<0.26
cis-1,2-DCE	12/16/2004	**0.21**	--	--	--	--	--	--	--	--
cis-1,2-DCE	6/1/2005	<0.40	<0.40	<0.40	--	--	--	--	--	--
cis-1,2-DCE	3/28/2006	<0.19	<0.19	<0.34	**0.89**	**270**	--	--	--	--
cis-1,2-DCE	11/2/2006	--	--	--	<0.83	**290**	--	--	--	--
cis-1,2-DCE	10/25/2007	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50
cis-1,2-DCE	4/21/2008	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	*1.3*
cis-1,2-DCE	5/26/2009	<0.20	<0.20	<0.20	<0.20	<1.6	<0.16	<0.16	<0.16	<0.16
cis-1,2-DCE	9/22/2009	--	--	--	<0.16	<1.3	<0.16	--	--	--
cis-1,2-DCE	12/2/2009	--	--	--	<0.16	**0.50**	**0.49**	--	--	--
cis-1,2-DCE	3/23/2010	<0.12	<0.12	<0.12	<0.12	**5.0**	0.20	<0.12	<0.12	**0.24**
TCE	12/16/2004	*1.2*	--	--	--	--	--	--	--	--
TCE	6/1/2005	<0.25	<0.25	<0.25	--	--	--	--	--	--
TCE	3/28/2006	*0.77*	**0.35**	<0.19	*2.9*	**200**	--	--	--	--
TCE	11/2/2006	--	--	--	*1.4*	**180**	--	--	--	--
TCE	10/25/2007	<0.50	<0.50	<0.50	*0.63*	**110**	*0.87*	<0.50	<0.50	<0.50
TCE	4/21/2008	*0.81*	<0.50	<0.50	<0.50	<0.50	*0.73*	<0.50	<0.50	*1.4*
TCE	5/26/2009	<0.17	<0.17	<0.17	<0.17	*3.9*	<0.37	<0.37	<0.37	<0.37
TCE	9/22/2009	--	--	--	<0.37	*5.9*	**0.39**	--	--	--
TCE	12/2/2009	--	--	--	<0.37	**3.6**	**0.62**	--	--	--
TCE	3/23/2010	<0.16	<0.16	<0.16	<0.16	**6.4**	*0.62*	<0.16	<0.16	<0.17
PCE	12/16/2004	*2.3*	--	--	--	--	--	--	--	--
PCE	6/1/2005	<0.31	<0.31	<0.31	--	--	--	--	--	--
PCE	3/28/2006	**0.17**	<0.16	<0.16	**5.4**	**850**	--	--	--	--
PCE	11/2/2006	--	--	--	*4.9*	**560**	--	--	--	--
PCE	10/25/2007	<0.50	<0.50	<0.50	*3.5*	**310**	**6.9**	<0.50	<0.50	<0.50
PCE	4/21/2008	*0.78*	<0.50	<0.50	<0.50	*0.67*	**6.4**	<0.50	*1.9*	*4*
PCE	5/26/2009	<0.21	<0.21	<0.21	**0.34**	**94**	**8.6**	<0.12	<0.12	<0.12
PCE	9/22/2009	--	--	--	*0.85*	**68**	**10**	--	--	--
PCE	12/2/2009	--	--	--	*0.98*	**83**	**11**	--	--	--
PCE	3/23/2010	<0.18	<0.18	<0.18	**0.32**	**92**	**8.6**	**0.22**	*1.1*	*2.0*
Vinyl Chloride	12/16/2004	<0.16	--	--	--	--	--	--	--	--
Vinyl Chloride	6/1/2005	<0.11	<0.11	<0.11	--	--	--	--	--	--
Vinyl Chloride	3/28/2006	<0.2	<0.2	<0.17	<0.2	<8.3	--	--	--	--
Vinyl Chloride	11/2/2006	--	--	--	<0.18	<1.8	--	--	--	--
Vinyl Chloride	10/25/2007	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50
Vinyl Chloride	4/21/2008	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Vinyl Chloride	5/26/2009	<0.18	<0.18	<0.18	<0.18	<1.5	<0.17	<0.17	<0.17	<0.17
Vinyl Chloride	9/22/2009	--	--	--	<0.17	<1.4	<0.17	--	--	--
Vinyl Chloride	12/2/2009	--	--	--	<0.17	<0.57	<0.17	--	--	--
Vinyl Chloride	3/23/2010	<0.17	<0.17	<0.17	<0.17	<0.87	<0.17	<0.17	<0.17	<0.18

All units reported in µg/l.
All detected constituents are shown in bold

< - Detected below Limit of Detection.

Concentrations exceeding the PAL are in red italics.
Concentrations exceeding the ES are shaded.

Figures



BASE MAP SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE, FORT ATKINSON, WISCONSIN, DATED 1987.

QUADRANGLE LOCATION

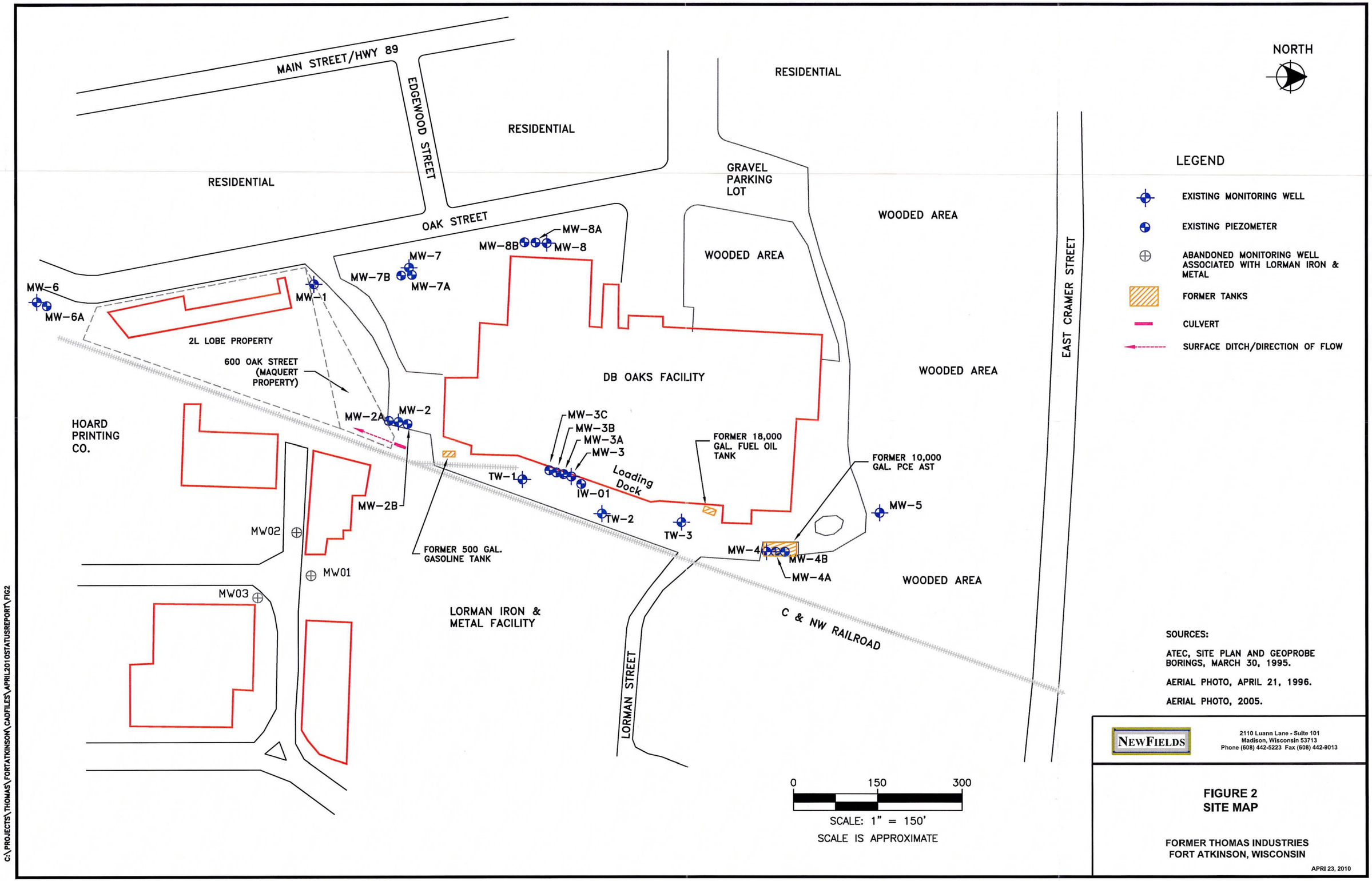
NORTH
SCALE: 1"=2400'

FORMER THOMAS FACILITY
FORT ATKINSON, WISCONSIN

FIGURE 1
SITE LOCATION

DRN. BY DDZ	PROJECT NO. 0451-002-800
DATE 17.AUG.2005	NEWFIELDS

C:\PROJECTS\THOMAS_FORTATKINSON\CADFILES\AUGUST2005DWGS\FIG1



SOURCES:

ATEC, SITE PLAN AND GEOPROBE BORINGS, MARCH 30, 1995.

AERIAL PHOTO, APRIL 21, 1996.

AERIAL PHOTO, 2005.

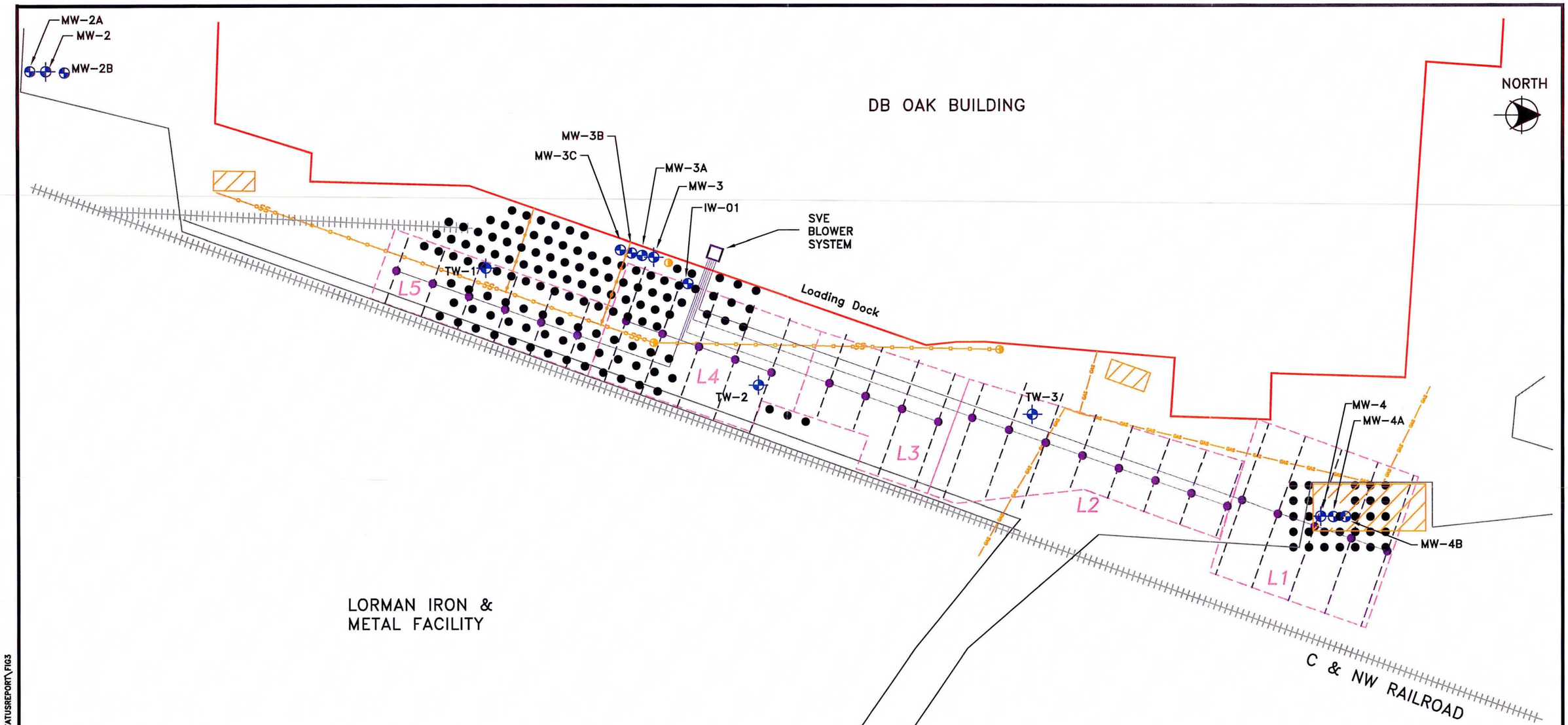
NEWFIELDS
2110 Luann Lane - Suite 101
Madison, Wisconsin 53713
Phone (608) 442-5223 Fax (608) 442-9013

FIGURE 2
SITE MAP

FORMER THOMAS INDUSTRIES
FORT ATKINSON, WISCONSIN

APRI 23, 2010

C:\PROJECTS\THOMAS\FORTATKINSON\CADFILES\APRIL2010STATUSREPORT\FIG2



LORMAN IRON &
METAL FACILITY

LEGEND

- STORM SEWER/MANHOLE
- GAS LINE
- EXISTING SVE LATERAL SECTIONS
- EXISTING SVE LATERAL CARRIER PIPING
- EXISTING SVE PERFORATED LATERAL PIPING
- JUNE 2009 EOS INJECTION POINTS

0 50 100

SCALE: 1" = 50'

SCALE IS APPROXIMATE

SOURCES:

ATEC, SITE PLAN AND GEOPROBE BORINGS, MARCH 30, 1995.

AERIAL PHOTO, APRIL 21, 1996.

RMT, FIGURE 4, SVE SYSTEM & NEW STORMWATER PIPING LAYOUT, MAY 2, 2007.

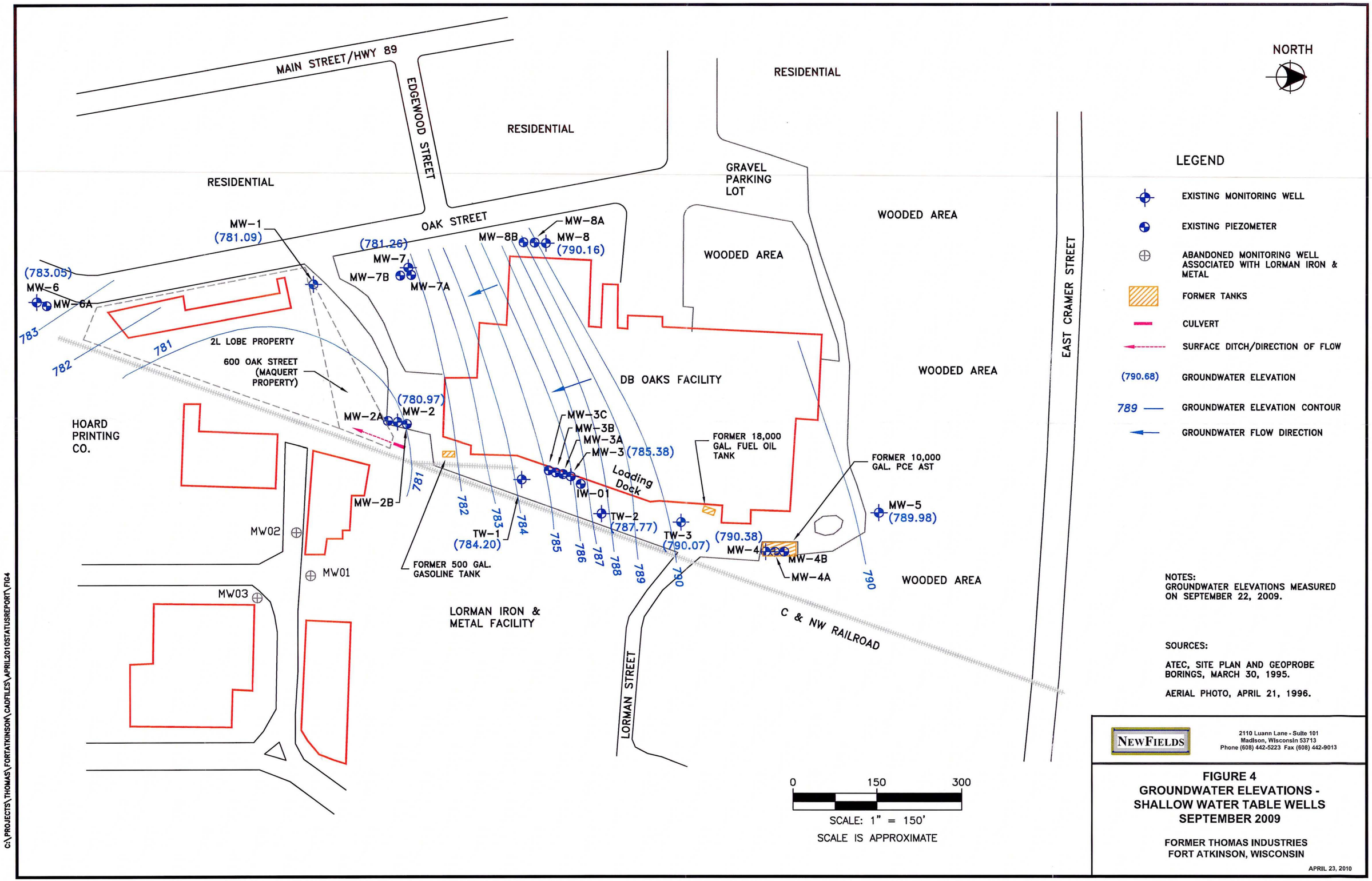
NEWFIELDS
2110 Luann Lane - Sulte 101
Madison, Wisconsin 53713
Phone (608) 442-5223 Fax (608) 442-9013

FIGURE 3
BIOLOGICAL REDUCTIVE DECHLORINATION AS BUILT

FORMER THOMAS INDUSTRIES
FORT ATKINSON, WISCONSIN

APRIL 23, 2010

C:\PROJECTS\THOMAS\FORTATKINSON\CADFILES\APRIL2010STATUSREPORT\FIG3



LEGEND

- EXISTING MONITORING WELL
- EXISTING PIEZOMETER
- ABANDONED MONITORING WELL ASSOCIATED WITH LORMAN IRON & METAL
- FORMER TANKS
- CULVERT
- SURFACE DITCH/DIRECTION OF FLOW
- (790.68) GROUNDWATER ELEVATION
- 789 GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION

NOTES:
GROUNDWATER ELEVATIONS MEASURED ON SEPTEMBER 22, 2009.

SOURCES:

ATEC, SITE PLAN AND GEOPROBE BORINGS, MARCH 30, 1995.

AERIAL PHOTO, APRIL 21, 1996.

NEWFIELDS
2110 Luann Lane - Suite 101
Madison, Wisconsin 53713
Phone (608) 442-5223 Fax (608) 442-9013

FIGURE 4
GROUNDWATER ELEVATIONS - SHALLOW WATER TABLE WELLS SEPTEMBER 2009

FORMER THOMAS INDUSTRIES
FORT ATKINSON, WISCONSIN

APRIL 23, 2010

C:\PROJECTS\THOMAS\FORTATKINSON\CADFILES\APRIL2010STATUSREPORT\FIG4

NORTH

MAIN STREET/HWY 89

EDGEWOOD STREET

RESIDENTIAL

RESIDENTIAL

RESIDENTIAL

GRAVEL PARKING LOT

WOODED AREA

WOODED AREA

WOODED AREA

WOODED AREA

OAK STREET

EAST CRAMER STREET

MW-8A (782.58)

MW-8B

MW-8

MW-7

MW-7B

MW-7A (781.19)

MW-1

MW-6

MW-6A (779.89)

2L LOBE PROPERTY

600 OAK STREET (MAQUERT PROPERTY)

DB OAKS FACILITY

780

HOARD PRINTING CO.

(780.95)

MW-2A

MW-2

MW-3C

MW-3B

MW-3A (781.65)

MW-3

FORMER 18,000 GAL. FUEL OIL TANK

FORMER 10,000 GAL. PCE AST

Loading Dock

TW-1

IW-01

TW-2

TW-3

MW-5

MW-2B

MW02

781

FORMER 500 GAL. GASOLINE TANK

MW-4

MW-4B

MW-4A (790.38)

MW01

MW03

LORMAN IRON & METAL FACILITY

782

783

784

785

786

787

788

789

790

LORMAN STREET

C & NW RAILROAD

0 150 300

SCALE: 1" = 150'

SCALE IS APPROXIMATE

LEGEND

- EXISTING MONITORING WELL
- EXISTING PIEZOMETER
- ABANDONED MONITORING WELL ASSOCIATED WITH LORMAN IRON & METAL
- FORMER TANKS
- CULVERT
- SURFACE DITCH/DIRECTION OF FLOW
- (790.68) GROUNDWATER ELEVATION
- 789 GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION

NOTES:
GROUNDWATER ELEVATIONS MEASURED ON SEPTEMBER 22, 2009.

SOURCES:

ATEC, SITE PLAN AND GEOPROBE BORINGS, MARCH 30, 1995.

AERIAL PHOTO, APRIL 21, 1996.

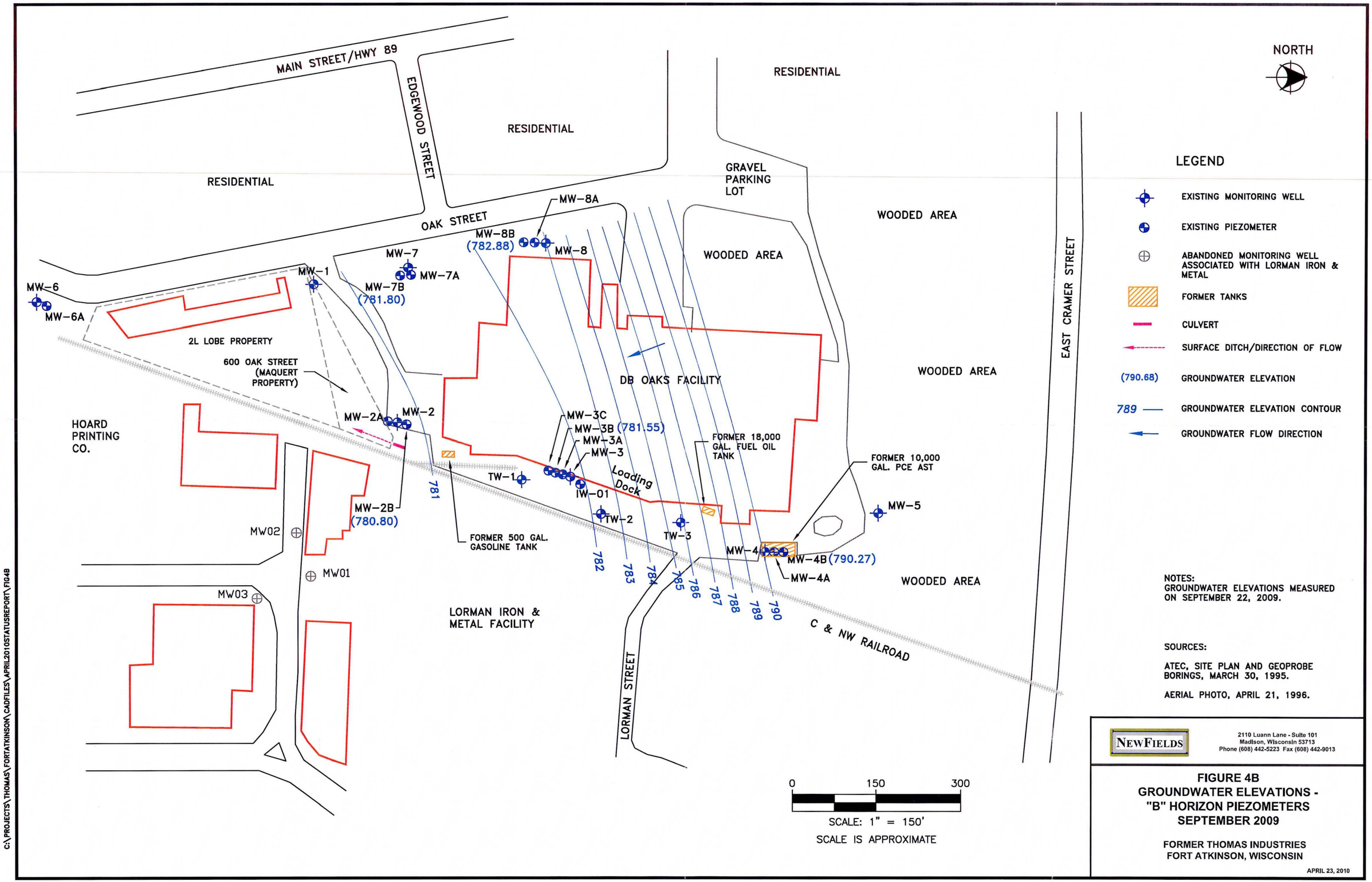
NEWFIELDS
2110 Luann Lane - Suite 101
Madison, Wisconsin 53713
Phone (608) 442-5223 Fax (608) 442-9013

FIGURE 4A
GROUNDWATER ELEVATIONS - "A" HORIZON PIEZOMETERS SEPTEMBER 2009

FORMER THOMAS INDUSTRIES
FORT ATKINSON, WISCONSIN

APRIL 23, 2010

C:\PROJECTS\THOMAS\FORTATKINSON\CADFILES\APRIL2010STATUSREPORT\FIG4A



NOTES:
GROUNDWATER ELEVATIONS MEASURED ON SEPTEMBER 22, 2009.

SOURCES:

ATEC, SITE PLAN AND GEOPROBE BORINGS, MARCH 30, 1995.

AERIAL PHOTO, APRIL 21, 1996.

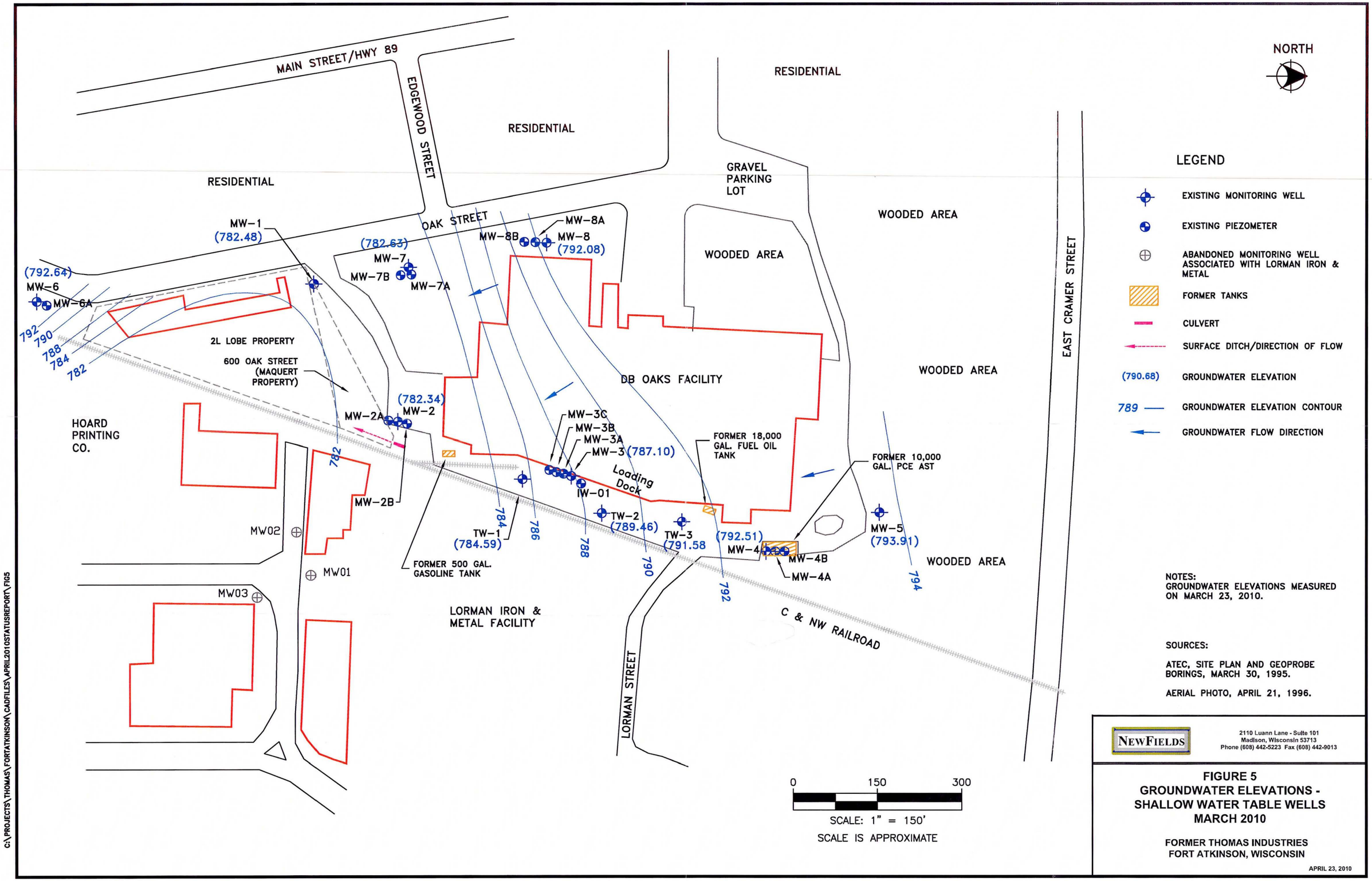
NEWFIELDS
2110 Luann Lane - Suite 101
Madison, Wisconsin 53713
Phone (608) 442-5223 Fax (608) 442-9013

FIGURE 4B
GROUNDWATER ELEVATIONS - "B" HORIZON PIEZOMETERS SEPTEMBER 2009

FORMER THOMAS INDUSTRIES
FORT ATKINSON, WISCONSIN

APRIL 23, 2010

C:\PROJECTS\THOMAS\FORTATKINSON\CADFILES\APRIL2010STATUSREPORT\FIG4B



NOTES:
GROUNDWATER ELEVATIONS MEASURED ON MARCH 23, 2010.

SOURCES:

ATEC, SITE PLAN AND GEOPROBE BORINGS, MARCH 30, 1995.

AERIAL PHOTO, APRIL 21, 1996.

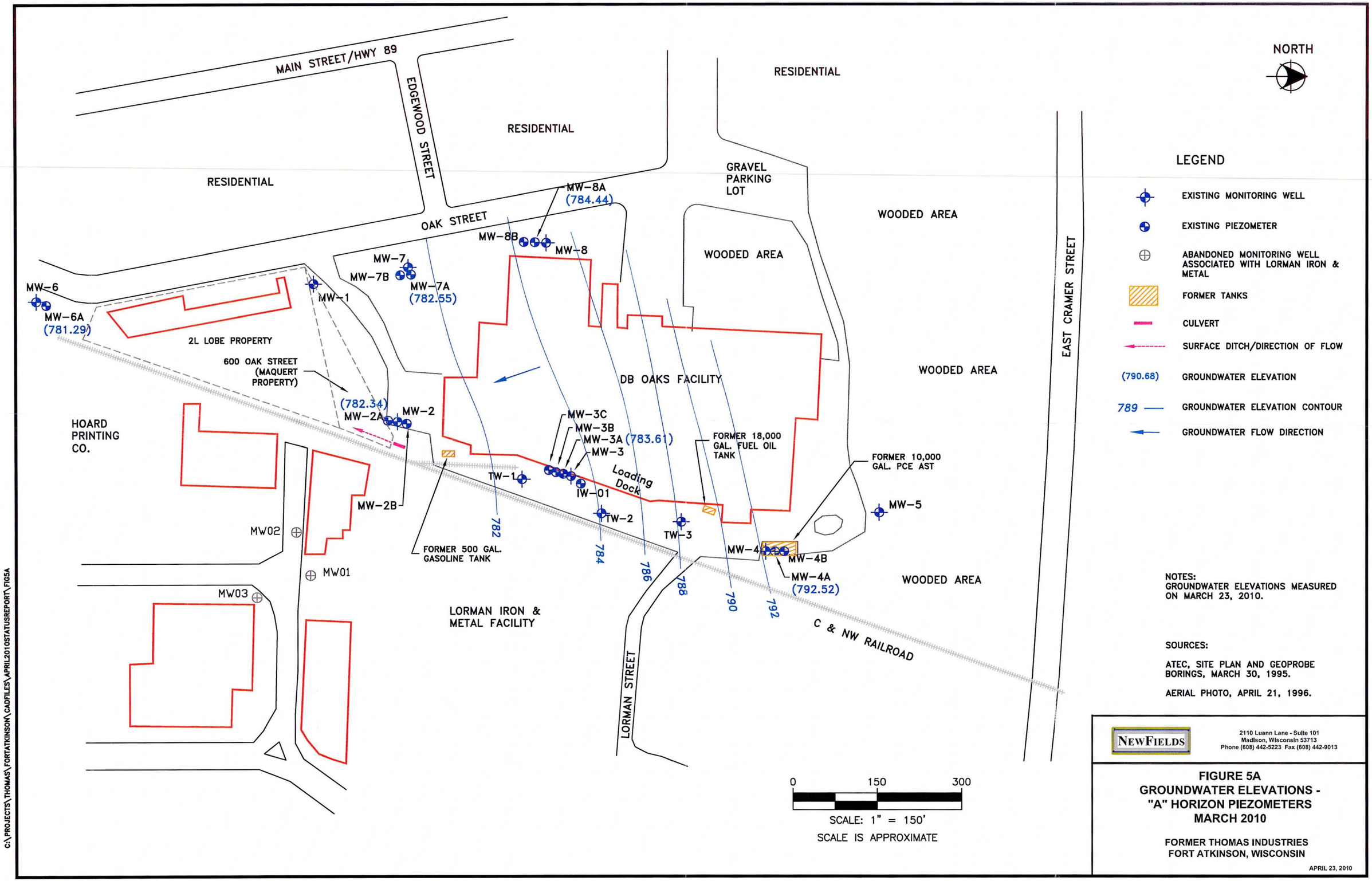
NEWFIELDS
2110 Luann Lane - Suite 101
Madison, Wisconsin 53713
Phone (608) 442-5223 Fax (608) 442-9013

FIGURE 5
GROUNDWATER ELEVATIONS - SHALLOW WATER TABLE WELLS MARCH 2010

FORMER THOMAS INDUSTRIES
FORT ATKINSON, WISCONSIN

APRIL 23, 2010

C:\PROJECTS\THOMAS\FORTATKINSON\CADFILES\APRIL2010STATUSREPORT\FIG5



NOTES:
GROUNDWATER ELEVATIONS MEASURED ON MARCH 23, 2010.

SOURCES:

ATEC, SITE PLAN AND GEOPROBE BORINGS, MARCH 30, 1995.

AERIAL PHOTO, APRIL 21, 1996.

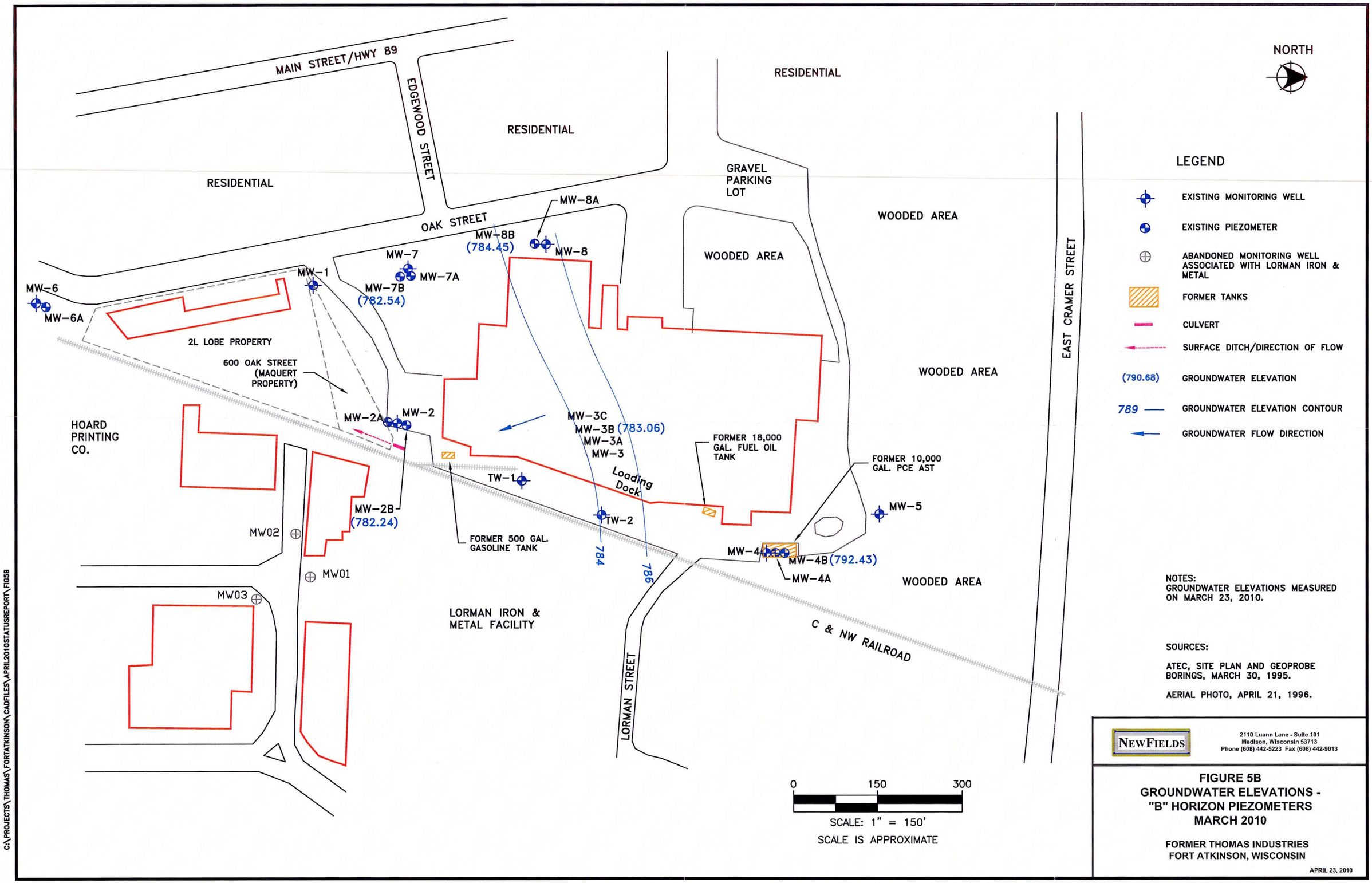
NEWFIELDS
2110 Luann Lane - Suite 101
Madison, Wisconsin 53713
Phone (608) 442-5223 Fax (608) 442-9013

FIGURE 5A
GROUNDWATER ELEVATIONS - "A" HORIZON PIEZOMETERS MARCH 2010

FORMER THOMAS INDUSTRIES
FORT ATKINSON, WISCONSIN

APRIL 23, 2010

C:\PROJECTS\THOMAS\FORTATKINSON\CADFILES\APRIL2010STATUSREPORT\FIG5A



NOTES:
GROUNDWATER ELEVATIONS MEASURED ON MARCH 23, 2010.

SOURCES:

ATEC, SITE PLAN AND GEOPROBE BORINGS, MARCH 30, 1995.

AERIAL PHOTO, APRIL 21, 1996.

NEWFIELDS
2110 Luann Lane - Suite 101
Madison, Wisconsin 53713
Phone (608) 442-5223 Fax (608) 442-9013

FIGURE 5B
GROUNDWATER ELEVATIONS - "B" HORIZON PIEZOMETERS MARCH 2010

FORMER THOMAS INDUSTRIES
FORT ATKINSON, WISCONSIN

APRIL 23, 2010

C:\PROJECTS\THOMAS\FORTATKINSON\CADFILES\APRIL2010STATUSREPORT\FIG5B

Appendices

Appendix A

Purge Water Disposal Documentation

13,000

4442

REPUBLIC SERVICES, INC.

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name: DB Oaks Facility
Address: 200 · 210 · Oak Street
City: Fort Atkinson County: Jefferson
State: Wi. Zip: 53538

CUSTOMER/BILLING INFORMATION

Billing Name: Veolia ES Industrial Services
Address: 1203 Klement St
City: Fort Atkinson County: Jefferson
State: WI Zip: 53538

Site Location (if different):

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
~~8[illegible]~~	Purge Water	815 gal.	299T	Bulk
SOL907009				
	*Per Leroy @ VEOLIA			

*Attach Additional Sheet if necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

LeRoy Coolbors [signature] 8-17-09

Generator/Authorized Agent Name Signature Date Shipped

TRANSPORTER INFORMATION

Transporter Name: Veolia ES Industrial Services DOT# 383213
Transporter Address: 1203 Klement St
Fort Atkinson Wi. 53538
Truck Number: 042075
Phone Number: 920-563-3484

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Ed KRUGER [signature] 8-17-09

Name of Authorized Agent Signature Date Delivered

DISPOSAL SITE INFORMATION

☒ Mallard Ridge RDF
W8470 State Road 11
Delavan, WI 53115
(262) 724-3257 phone
(262) 724-5479 fax

☐ Kestrel Hawk RDF
1989 Oakes Road
Racine, WI 53406
(262) 884-7080 phone
(262) 884-7096 fax

I hereby acknowledge receipt of the above described materials.

Barb Becker [signature] 8/17/09

Name (Print or Type) Signature Date Received

Form SW02 (2003)

...IA
...RONMENTAL SERVICES

SHIPPING DOCUMENT	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Shipping Document Tracking Number
				ZZ 00136238

5. Generator's Name and Mailing Address
Farmer DB Oaks Property
700-710 Oak Street
Fort Atkinson
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Veolia ES Industrial Services — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Burlington Waste Water Treatment Facility — U.S. EPA ID Number:
Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Codes
	1. Non Haz Purge Water			400	G	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

15. **GENERATOR S/OFFEROR S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month Day Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Shipment

Transporter 1 Printed/Typed Name: Ed Krueger — Signature — Month: 9 Day: 23 Year: 09

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Shipping Document Tracking Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Report Management Method Codes (i.e., codes for treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of shipment except as noted in Item 18a

Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY TO GENERATOR

VEOLIA ENVIRONMENTAL SERVICES

SERVICE R CEIPT 203- 017834 BILLED

Date	Customer No.	Customer Name	Work Site Address
12-3-09	4008163	D.B. C..kes	Fort Atkinson, Wis.

Project Number	Onsite Time	Pre-Trip Time	Post-Trip Time
34809059	6:4? am		

Project Manager	Customer Contact
Leroy Loofboro	

Dept. ID	Product ID	Work Description
		Dump out totes

Employee Information

Emp ID	Emp Name	Emp Signature	Labor Code	Start	End	Lunch Y/N	Total	Per Diem
113678	Larry W. Henschel	Larry W. Henschel	R	6:30	7:30	N	1.00	
113678	Larry W. Henschel	Larry W. Henschel	R	830	11:00	N	2.50	

Disposal

Manifest / Load	Quantity	UOM	Waste Type	Disp	Site	Miles	Loading Time Start	Stop	Total
1	400	gals	rinse water	B...	...		6:45	7:30	.75

Equipment / Materials

Description	Quantity	Equip / PPE Code	UOM	Billable	Unbillable
Tractor 072075					3.50
Trailer ———					

Customer Printed Name	Customer Signature / Approval	Date

Project Manager Printed Name	Project Manager Signature / Approval	Date
LeRoy Loofboro	[signature]	12-8-09

WHITE - Invoice GREEN - Project Manager YELLOW Customer PINK - Project GOLD - Payroll

[illegible]	Carrier's No.	Date 4-7-10	Shipper No.

TO Consignee: Burlington WWTP

Street:

Destination: Burlington Zip Code WI

FROM Shipper: D. B Oakes (Atchison [illegible]) [illegible]

Emergency Response Phone No.

Route:

Vehicle No.

No. Shipping Units	HM	Kind of Package, Description of Articles, Special Marks and Exceptions	*Weight (Sub. to Corr.)	RATE	✓	CHARGES
400	G	Waste [illegible] water				

REMIT C.O.D. TO:

COD AMT: $ | C.O.D. FEE PREPAID ☐ COLLECT ☐ $ | TOTAL CHARGES: $

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight".

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $________ per ________

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other charges.

________________ (Signature of Consignor)

FREIGHT CHARGES
Check Appropriate Box:
☐ Freight prepaid ☐ Collect

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of receipt by the carrier of the property described in the Original Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classifications in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

D B Oakes Shipper, Per Rick Olson — Rick Olson Agent, Per [illegible]

Permanent post office address of shipper + Mark with "X" to designate Hazardous Material as defined in Title 49 of Federal Regulations.

Signature for D. B. Oakes

For further details on TRANSPORTING HAZARDOUS MATERIALS see Federal Regulations 49 CFR, Part 172.

TOPS FORM No. 3841
Printed in the U.S.A.

1

Appendix B

Laboratory Reports
December 2009 Groundwater Samples

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

Client: NewFields Companies LLC
Attn: Mark S McColloch PG
2110 Luann Lane #101
Madison, WI 53713 3098

NLS Project: 139420
NLS Customer: 93437

Fax: 608 442 9013 Phone: 608 442 5223

Project: DB Oak/0451-003-800

MW-2 NLS ID: 545820
COC: 119864:1 Matrix: GW
Collected: 12/02/09 08:45 Received: 12/03/09

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	[0.047]	mg/L	1	0.025	0.075	12/10/09	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	34	mg/L	10	2.5	5.0	12/07/09	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					12/04/09	SW846 8260	721026460

MW-2A NLS ID: 545821
COC: 119864:2 Matrix: GW
Collected: 12/02/09 08:50 Received: 12/03/09

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	ND	mg/L	1	0.025	0.075	12/07/09	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	75	mg/L	10	2.5	5.0	12/07/09	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					12/07/09	SW846 8260	721026460

MW-2B NLS ID: 545822
COC: 119864:3 Matrix: GW
Collected: 12/02/09 09:00 Received: 12/03/09

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	0.60	mg/L	1	0.025	0.075	12/07/09	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	74	mg/L	10	2.5	5.0	12/07/09	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					12/04/09	SW846 8260	721026460

IW-01 NLS ID: 545823
COC: 119864:4 Matrix: GW
Collected: 12/02/09 11:40 Received: 12/03/09

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	ND	mg/L	1	0.025	0.075	12/07/09	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	ND	mg/L	10	2.5	5.0	12/07/09	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					12/04/09	SW846 8260	721026460

MW-3 NLS ID: 545824
COC: 119864:5 Matrix: GW
Collected: 12/02/09 12:45 Received: 12/03/09

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	ND	mg/L	1	0.025	0.075	12/07/09	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	ND	mg/L	10	2.5	5.0	12/07/09	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					12/07/09	SW846 8260	721026460

MW-3A NLS ID: 545825
COC: 119864:6 Matrix: GW
Collected: 12/02/09 12:20 Received: 12/03/09

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	ND	mg/L	1	0.025	0.075	12/07/09	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	58	mg/L	10	2.5	5.0	12/07/09	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					12/04/09	SW846 8260	721026460

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

Client: NewFields Companies LLC
Attn: Mark S McColloch PG
2110 Luann Lane #101
Madison, WI 53713 3098

NLS Project: 139420
NLS Customer: 93437

Fax: 608 442 9013 Phone: 608 442 5223

Project: DB Oak/0451-003-800

MW-3B NLS ID: 545826
COC: 119864:7 Matrix: GW
Collected: 12/02/09 12:00 Received: 12/03/09

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	ND	mg/L	1	0.025	0.075	12/07/09	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	69	mg/L	10	2.5	5.0	12/07/09	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					12/04/09	SW846 8260	721026460

MW-3C NLS ID: 545827
COC: 119864:8 Matrix: GW
Collected: 12/02/09 13:30 Received: 12/03/09

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	ND	mg/L	1	0.025	0.075	12/07/09	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	ND	mg/L	10	2.5	5.0	12/07/09	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					12/07/09	SW846 8260	721026460

Dup-1 NLS ID: 545828
COC: 119864:9 Matrix: GW
Collected: 12/02/09 00:00 Received: 12/03/09

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	3.1	mg/L	1	0.025	0.075	12/07/09	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	41	mg/L	10	2.5	5.0	12/07/09	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					12/07/09	SW846 8260	721026460

Dup-2 NLS ID: 545829
COC: 119864:10 Matrix: GW
Collected: 12/02/09 00:00 Received: 12/03/09

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	ND	mg/L	1	0.025	0.075	12/07/09	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	5.6	mg/L	10	2.5	5.0	12/07/09	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					12/11/09	SW846 8260	721026460

MW-4 NLS ID: 545830
COC: 119865:1 Matrix: GW
Collected: 12/02/09 10:15 Received: 12/03/09

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	ND	mg/L	1	0.025	0.075	12/07/09	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	[3.9]	mg/L	10	2.5	5.0	12/07/09	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					12/11/09	SW846 8260	721026460

MW-4A NLS ID: 545831
COC: 119865:2 Matrix: GW
Collected: 12/02/09 10:10 Received: 12/03/09

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	ND	mg/L	1	0.025	0.075	12/07/09	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	54	mg/L	10	2.5	5.0	12/07/09	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					12/11/09	SW846 8260	721026460

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

NLS Project: 139420
NLS Customer: 93437

Client: NewFields Companies LLC
Attn: Mark S McColloch PG
2110 Luann Lane #101
Madison, WI 53713 3098

Fax: 608 442 9013 Phone: 608 442 5223

Project: DB Oak/0451-003-800

MW-4B NLS ID: 545832
COC: 119865:3 Matrix: GW
Collected: 12/02/09 10:30 Received: 12/03/09

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	ND	mg/L	1	0.025	0.075	12/07/09	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	49	mg/L	10	2.5	5.0	12/07/09	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					12/11/09	SW846 8260	721026460

MW-7 NLS ID: 545833
COC: 119865:4 Matrix: GW
Collected: 12/02/09 07:40 Received: 12/03/09

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	0.46	mg/L	1	0.025	0.075	12/07/09	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	7.5	mg/L	10	2.5	5.0	12/07/09	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					12/07/09	SW846 8260	721026460

MW-7A NLS ID: 545834
COC: 119865:5 Matrix: GW
Collected: 12/02/09 07:35 Received: 12/03/09

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	3.1	mg/L	1	0.025	0.075	12/07/09	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	42	mg/L	10	2.5	5.0	12/07/09	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					12/11/09	SW846 8260	721026460

MW-7B NLS ID: 545835
COC: 119865:6 Matrix: GW
Collected: 12/02/09 07:30 Received: 12/03/09

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	ND	mg/L	1	0.025	0.075	12/07/09	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	68	mg/L	10	2.5	5.0	12/07/09	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					12/11/09	SW846 8260	721026460

TW-1 NLS ID: 545836
COC: 119865:7 Matrix: GW
Collected: 12/02/09 11:55 Received: 12/03/09

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	ND	mg/L	1	0.025	0.075	12/07/09	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	ND	mg/L	10	2.5	5.0	12/07/09	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					12/11/09	SW846 8260	721026460

TW-2 NLS ID: 545837
COC: 119865:8 Matrix: GW
Collected: 12/02/09 12:05 Received: 12/03/09

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	ND	mg/L	1	0.025	0.075	12/07/09	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	5.1	mg/L	10	2.5	5.0	12/07/09	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					12/11/09	SW846 8260	721026460

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

NLS Project: 139420
NLS Customer: 93437

Client: NewFields Companies LLC
Attn: Mark S McColloch PG
2110 Luann Lane #101
Madison, WI 53713 3098

Fax: 608 442 9013 Phone: 608 442 5223

Project: DB Oak/0451-003-800

TW-3 NLS ID: 545838
COC: 119865:9 Matrix: GW
Collected: 12/02/09 12:10 Received: 12/03/09

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	ND	mg/L	1	0.025	0.075	12/07/09	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	24	mg/L	10	2.5	5.0	12/07/09	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					12/11/09	SW846 8260	721026460

Trip Blank NLS ID: 545839
COC: 119865 Matrix: TB
Collected: 12/02/09 00:00 Received: 12/03/09

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
VOCs (water) by EPA Method 8260B	see attached					12/14/09	SW846 8260	721026460

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection LOQ = Limit of Quantitation ND = Not Detected (< LOD) 1000 ug/L = 1 mg/L
DWB = Dry Weight Basis NA = Not Applicable %DWB = (mg/kg DWB) / 10000
MCL = Maximum Contaminant Levels for Drinking Water Samples. Shaded results indicate >MCL.

Reviewed by:

Authorized by:
R. T. Krueger
President

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)

Customer: NewFields Companies LLC **NLS Project: 139420**

Project Description: DB Oak/0451-003-800

Project Title: **Template: SATW** **Printed: 12/16/2009 15:26**

Sample: 545820 MW-2 Collected: 12/02/09 Analyzed: 12/04/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	25	6.0	19	
Bromobenzene	ND	ug/L	25	4.5	15	
Bromochloromethane	ND	ug/L	25	3.8	12	
Bromodichloromethane	ND	ug/L	25	3.4	11	
Bromoform	ND	ug/L	25	3.7	12	
Bromomethane	ND	ug/L	25	12	40	CC
n-Butylbenzene	ND	ug/L	25	5.6	19	
sec-Butylbenzene	ND	ug/L	25	5.4	18	
tert-Butylbenzene	ND	ug/L	25	4.9	16	
Carbon Tetrachloride	ND	ug/L	25	3.9	13	
Chlorobenzene	ND	ug/L	25	4.8	16	
Chloroethane	ND	ug/L	25	29	91	
Chloroform	ND	ug/L	25	3.3	11	
Chloromethane	ND	ug/L	25	5.8	18	CC
2-Chlorotoluene	ND	ug/L	25	4.7	16	
4-Chlorotoluene	ND	ug/L	25	4.3	14	
Dibromochloromethane	ND	ug/L	25	3.6	12	
1,2-Dibromo-3-Chloropropane	ND	ug/L	25	5.3	18	LC
1,2-Dibromoethane	ND	ug/L	25	4.3	14	
Dibromomethane	ND	ug/L	25	4.7	16	
1,2-Dichlorobenzene	ND	ug/L	25	4.0	13	
1,3-Dichlorobenzene	ND	ug/L	25	3.9	13	
1,4-Dichlorobenzene	ND	ug/L	25	7.4	25	
Dichlorodifluoromethane	ND	ug/L	25	6.2	21	
1,1-Dichloroethane	ND	ug/L	25	4.3	14	
1,2-Dichloroethane	ND	ug/L	25	3.8	13	
1,1-Dichloroethene	ND	ug/L	25	5.4	18	
cis-1,2-Dichloroethene	510	ug/L	25	4.1	14	
trans-1,2-Dichloroethene	ND	ug/L	25	5.1	17	
1,2-Dichloropropane	ND	ug/L	25	8.2	27	
1,3-Dichloropropane	ND	ug/L	25	4.0	13	
2,2-Dichloropropane	ND	ug/L	25	4.9	16	
1,1-Dichloropropene	ND	ug/L	25	3.0	9.9	
cis-1,3-Dichloropropene	ND	ug/L	25	5.1	17	
trans-1,3-Dichloropropene	ND	ug/L	25	3.6	12	
Ethylbenzene	ND	ug/L	25	3.9	13	
Hexachlorobutadiene	ND	ug/L	25	6.2	21	
Isopropylbenzene	ND	ug/L	25	4.4	15	
p-Isopropyltoluene	ND	ug/L	25	4.1	14	
Methylene chloride	ND	ug/L	25	5.5	20	
Naphthalene	ND	ug/L	25	7.9	28	
n-Propylbenzene	ND	ug/L	25	5.0	17	
ortho-Xylene	ND	ug/L	25	4.1	14	
Styrene	ND	ug/L	25	5.0	16	
1,1,1,2-Tetrachloroethane	ND	ug/L	25	3.5	12	
1,1,2,2-Tetrachloroethane	ND	ug/L	25	4.8	16	
Tetrachloroethene	320	ug/L	25	3.0	9.8	
Toluene	ND	ug/L	25	4.5	15	
1,2,3-Trichlorobenzene	ND	ug/L	25	7.4	25	
1,2,4-Trichlorobenzene	ND	ug/L	25	5.5	18	
1,1,1-Trichloroethane	ND	ug/L	25	3.1	10	
1,1,2-Trichloroethane	ND	ug/L	25	5.2	17	
Trichloroethene	230	ug/L	25	9.3	31	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545820 MW-2 Collected: 12/02/09 Analyzed: 12/04/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	25	5.3	18	
1,2,3-Trichloropropane	ND	ug/L	25	8.6	29	
1,2,4-Trimethylbenzene	ND	ug/L	25	4.8	16	
1,3,5-Trimethylbenzene	ND	ug/L	25	4.9	16	
Vinyl chloride	[6.5]	ug/L	25	4.2	14	
meta,para-Xylene	ND	ug/L	25	7.0	23	
MTBE	ND	ug/L	25	4.8	16	
Isopropyl Ether	[5.0]	ug/L	25	3.9	13	
Dibromofluoromethane (SURR)	111.1%					S
Toluene-d8 (SURR)	108.74%					S
1-Bromo-4-Fluorobenzene (SURR)	95.38%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 36%
Chloromethane recovery 79%

LC = Laboratory control spike recovery was outside QC limits.
1,2-Dibromo-3-Chloropropane recovered below QC limits at 64.6%.

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545821 MW-2A Collected: 12/02/09 Analyzed: 12/04/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	50	12	38	
Bromobenzene	ND	ug/L	50	8.9	30	
Bromochloromethane	ND	ug/L	50	7.5	24	
Bromodichloromethane	ND	ug/L	50	6.8	23	
Bromoform	ND	ug/L	50	7.5	25	
Bromomethane	ND	ug/L	50	24	81	CC
n-Butylbenzene	ND	ug/L	50	11	37	
sec-Butylbenzene	ND	ug/L	50	11	36	
tert-Butylbenzene	ND	ug/L	50	9.9	33	
Carbon Tetrachloride	ND	ug/L	50	7.7	26	
Chlorobenzene	ND	ug/L	50	9.6	32	
Chloroethane	ND	ug/L	50	57	180	
Chloroform	ND	ug/L	50	6.5	22	
Chloromethane	ND	ug/L	50	12	37	CC
2-Chlorotoluene	ND	ug/L	50	9.5	32	
4-Chlorotoluene	ND	ug/L	50	8.6	28	
Dibromochloromethane	ND	ug/L	50	7.3	24	
1,2-Dibromo-3-Chloropropane	ND	ug/L	50	11	36	LC
1,2-Dibromoethane	ND	ug/L	50	8.6	29	
Dibromomethane	ND	ug/L	50	9.3	31	
1,2-Dichlorobenzene	ND	ug/L	50	7.9	26	
1,3-Dichlorobenzene	ND	ug/L	50	7.7	26	
1,4-Dichlorobenzene	ND	ug/L	50	15	49	
Dichlorodifluoromethane	ND	ug/L	50	12	41	
1,1-Dichloroethane	ND	ug/L	50	8.5	28	
1,2-Dichloroethane	ND	ug/L	50	7.6	25	
1,1-Dichloroethene	ND	ug/L	50	11	36	
cis-1,2-Dichloroethene	1700	ug/L	100	16	54	
trans-1,2-Dichloroethene	[11]	ug/L	50	10	34	
1,2-Dichloropropane	ND	ug/L	50	16	55	
1,3-Dichloropropane	ND	ug/L	50	7.9	26	
2,2-Dichloropropane	ND	ug/L	50	9.7	32	
1,1-Dichloropropene	ND	ug/L	50	5.9	20	
cis-1,3-Dichloropropene	ND	ug/L	50	10	34	
trans-1,3-Dichloropropene	ND	ug/L	50	7.3	24	
Ethylbenzene	ND	ug/L	50	7.7	26	
Hexachlorobutadiene	ND	ug/L	50	12	41	
Isopropylbenzene	ND	ug/L	50	8.8	29	
p-Isopropyltoluene	ND	ug/L	50	8.2	27	
Methylene chloride	ND	ug/L	50	11	39	
Naphthalene	ND	ug/L	50	16	56	
n-Propylbenzene	ND	ug/L	50	10	34	
ortho-Xylene	ND	ug/L	50	8.3	28	
Styrene	ND	ug/L	50	10	32	
1,1,1,2-Tetrachloroethane	ND	ug/L	50	7.0	23	
1,1,2,2-Tetrachloroethane	ND	ug/L	50	9.5	32	
Tetrachloroethene	390	ug/L	50	5.9	20	
Toluene	ND	ug/L	50	8.9	30	
1,2,3-Trichlorobenzene	ND	ug/L	50	15	49	
1,2,4-Trichlorobenzene	ND	ug/L	50	11	37	
1,1,1-Trichloroethane	ND	ug/L	50	6.3	21	
1,1,2-Trichloroethane	ND	ug/L	50	10	35	
Trichloroethene	280	ug/L	50	19	62	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545821 MW-2A Collected: 12/02/09 Analyzed: 12/04/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	50	11	35	
1,2,3-Trichloropropane	ND	ug/L	50	17	57	
1,2,4-Trimethylbenzene	ND	ug/L	50	9.5	32	
1,3,5-Trimethylbenzene	ND	ug/L	50	9.7	32	
Vinyl chloride	56	ug/L	50	8.5	28	
meta,para-Xylene	ND	ug/L	50	14	47	
MTBE	ND	ug/L	50	9.6	32	
Isopropyl Ether	ND	ug/L	50	7.8	26	
Dibromofluoromethane (SURR)	108.37%					S
Toluene-d8 (SURR)	108.79%					S
1-Bromo-4-Fluorobenzene (SURR)	93.32%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 36%
Chloromethane recovery 79%

LC = Laboratory control spike recovery was outside QC limits.
1,2-Dibromo-3-Chloropropane recovered below QC limits at 64.6%.

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545822 MW-2B Collected: 12/02/09 Analyzed: 12/04/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.24	0.76	
Bromobenzene	ND	ug/L	1	0.18	0.59	
Bromochloromethane	ND	ug/L	1	0.15	0.48	
Bromodichloromethane	ND	ug/L	1	0.14	0.46	
Bromoform	ND	ug/L	1	0.15	0.50	
Bromomethane	ND	ug/L	1	0.48	1.6	CC
n-Butylbenzene	ND	ug/L	1	0.23	0.75	
sec-Butylbenzene	ND	ug/L	1	0.22	0.72	
tert-Butylbenzene	ND	ug/L	1	0.20	0.66	
Carbon Tetrachloride	ND	ug/L	1	0.15	0.51	
Chlorobenzene	ND	ug/L	1	0.19	0.64	
Chloroethane	ND	ug/L	1	1.1	3.6	
Chloroform	ND	ug/L	1	0.13	0.44	
Chloromethane	ND	ug/L	1	0.23	0.73	CC
2-Chlorotoluene	ND	ug/L	1	0.19	0.63	
4-Chlorotoluene	ND	ug/L	1	0.17	0.57	
Dibromochloromethane	ND	ug/L	1	0.15	0.48	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.71	LC
1,2-Dibromoethane	ND	ug/L	1	0.17	0.57	
Dibromomethane	ND	ug/L	1	0.19	0.62	
1,2-Dichlorobenzene	ND	ug/L	1	0.16	0.53	
1,3-Dichlorobenzene	ND	ug/L	1	0.15	0.52	
1,4-Dichlorobenzene	ND	ug/L	1	0.30	0.99	
Dichlorodifluoromethane	ND	ug/L	1	0.25	0.83	
1,1-Dichloroethane	ND	ug/L	1	0.17	0.57	
1,2-Dichloroethane	ND	ug/L	1	0.15	0.51	
1,1-Dichloroethene	ND	ug/L	1	0.22	0.72	
cis-1,2-Dichloroethene	2.2	ug/L	1	0.16	0.54	
trans-1,2-Dichloroethene	ND	ug/L	1	0.21	0.68	
1,2-Dichloropropane	ND	ug/L	1	0.33	1.1	
1,3-Dichloropropane	ND	ug/L	1	0.16	0.53	
2,2-Dichloropropane	ND	ug/L	1	0.19	0.65	
1,1-Dichloropropene	ND	ug/L	1	0.12	0.40	
cis-1,3-Dichloropropene	ND	ug/L	1	0.20	0.67	
trans-1,3-Dichloropropene	ND	ug/L	1	0.15	0.48	
Ethylbenzene	ND	ug/L	1	0.15	0.51	
Hexachlorobutadiene	ND	ug/L	1	0.25	0.82	
Isopropylbenzene	ND	ug/L	1	0.18	0.59	
p-Isopropyltoluene	ND	ug/L	1	0.16	0.55	
Methylene chloride	ND	ug/L	1	0.22	0.79	
Naphthalene	ND	ug/L	1	0.32	1.1	
n-Propylbenzene	ND	ug/L	1	0.20	0.67	
ortho-Xylene	ND	ug/L	1	0.17	0.55	
Styrene	ND	ug/L	1	0.20	0.63	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.14	0.47	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.19	0.63	
Tetrachloroethene	9.8	ug/L	1	0.12	0.39	
Toluene	ND	ug/L	1	0.18	0.59	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.30	0.98	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.22	0.73	
1,1,1-Trichloroethane	ND	ug/L	1	0.13	0.42	
1,1,2-Trichloroethane	ND	ug/L	1	0.21	0.70	
Trichloroethene	5.9	ug/L	1	0.37	1.2	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545822 MW-2B Collected: 12/02/09 Analyzed: 12/04/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.21	0.70	
1,2,3-Trichloropropane	ND	ug/L	1	0.34	1.1	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.19	0.64	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.19	0.65	
Vinyl chloride	ND	ug/L	1	0.17	0.57	
meta,para-Xylene	ND	ug/L	1	0.28	0.94	
MTBE	ND	ug/L	1	0.19	0.64	
Isopropyl Ether	ND	ug/L	1	0.16	0.52	
Dibromofluoromethane (SURR)	108.17%					S
Toluene-d8 (SURR)	115.26%					S
1-Bromo-4-Fluorobenzene (SURR)	97.94%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 36%
Chloromethane recovery 79%

LC = Laboratory control spike recovery was outside QC limits.
1,2-Dibromo-3-Chloropropane recovered below QC limits at 64.6%.

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545823 IW-01 Collected: 12/02/09 Analyzed: 12/04/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.24	0.76	
Bromobenzene	ND	ug/L	1	0.18	0.59	
Bromochloromethane	ND	ug/L	1	0.15	0.48	
Bromodichloromethane	ND	ug/L	1	0.14	0.46	
Bromoform	ND	ug/L	1	0.15	0.50	
Bromomethane	ND	ug/L	1	0.48	1.6	CC
n-Butylbenzene	ND	ug/L	1	0.23	0.75	
sec-Butylbenzene	ND	ug/L	1	0.22	0.72	
tert-Butylbenzene	ND	ug/L	1	0.20	0.66	
Carbon Tetrachloride	ND	ug/L	1	0.15	0.51	
Chlorobenzene	ND	ug/L	1	0.19	0.64	
Chloroethane	ND	ug/L	1	1.1	3.6	
Chloroform	ND	ug/L	1	0.13	0.44	
Chloromethane	ND	ug/L	1	0.23	0.73	CC
2-Chlorotoluene	ND	ug/L	1	0.19	0.63	
4-Chlorotoluene	ND	ug/L	1	0.17	0.57	
Dibromochloromethane	ND	ug/L	1	0.15	0.48	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.71	LC
1,2-Dibromoethane	ND	ug/L	1	0.17	0.57	
Dibromomethane	ND	ug/L	1	0.19	0.62	
1,2-Dichlorobenzene	ND	ug/L	1	0.16	0.53	
1,3-Dichlorobenzene	ND	ug/L	1	0.15	0.52	
1,4-Dichlorobenzene	ND	ug/L	1	0.30	0.99	
Dichlorodifluoromethane	ND	ug/L	1	0.25	0.83	
1,1-Dichloroethane	ND	ug/L	1	0.17	0.57	
1,2-Dichloroethane	ND	ug/L	1	0.15	0.51	
1,1-Dichloroethene	ND	ug/L	1	0.22	0.72	
cis-1,2-Dichloroethene	2.0	ug/L	1	0.16	0.54	
trans-1,2-Dichloroethene	ND	ug/L	1	0.21	0.68	
1,2-Dichloropropane	ND	ug/L	1	0.33	1.1	
1,3-Dichloropropane	ND	ug/L	1	0.16	0.53	
2,2-Dichloropropane	ND	ug/L	1	0.19	0.65	
1,1-Dichloropropene	ND	ug/L	1	0.12	0.40	
cis-1,3-Dichloropropene	ND	ug/L	1	0.20	0.67	
trans-1,3-Dichloropropene	ND	ug/L	1	0.15	0.48	
Ethylbenzene	ND	ug/L	1	0.15	0.51	
Hexachlorobutadiene	ND	ug/L	1	0.25	0.82	
Isopropylbenzene	ND	ug/L	1	0.18	0.59	
p-Isopropyltoluene	ND	ug/L	1	0.16	0.55	
Methylene chloride	ND	ug/L	1	0.22	0.79	
Naphthalene	ND	ug/L	1	0.32	1.1	
n-Propylbenzene	ND	ug/L	1	0.20	0.67	
ortho-Xylene	ND	ug/L	1	0.17	0.55	
Styrene	ND	ug/L	1	0.20	0.63	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.14	0.47	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.19	0.63	
Tetrachloroethene	[0.12]	ug/L	1	0.12	0.39	
Toluene	5.8	ug/L	1	0.18	0.59	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.30	0.98	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.22	0.73	
1,1,1-Trichloroethane	ND	ug/L	1	0.13	0.42	
1,1,2-Trichloroethane	ND	ug/L	1	0.21	0.70	
Trichloroethene	[0.43]	ug/L	1	0.37	1.2	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545823 IW-01 Collected: 12/02/09 Analyzed: 12/04/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.21	0.70	
1,2,3-Trichloropropane	ND	ug/L	1	0.34	1.1	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.19	0.64	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.19	0.65	
Vinyl chloride	7.8	ug/L	1	0.17	0.57	
meta,para-Xylene	ND	ug/L	1	0.28	0.94	
MTBE	ND	ug/L	1	0.19	0.64	
Isopropyl Ether	ND	ug/L	1	0.16	0.52	
Dibromofluoromethane (SURR)	107.91%					S
Toluene-d8 (SURR)	117.3%					S
1-Bromo-4-Fluorobenzene (SURR)	95.68%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 36%
Chloromethane recovery 79%

LC = Laboratory control spike recovery was outside QC limits.
1,2-Dibromo-3-Chloropropane recovered below QC limits at 64.6%.

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545824 MW-3 Collected: 12/02/09 Analyzed: 12/04/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	500	120	380	
Bromobenzene	ND	ug/L	500	89	300	
Bromochloromethane	ND	ug/L	500	75	240	
Bromodichloromethane	ND	ug/L	500	68	230	
Bromoform	ND	ug/L	500	75	250	
Bromomethane	ND	ug/L	500	240	810	CC
n-Butylbenzene	ND	ug/L	500	110	370	
sec-Butylbenzene	ND	ug/L	500	110	360	
tert-Butylbenzene	ND	ug/L	500	99	330	
Carbon Tetrachloride	ND	ug/L	500	77	260	
Chlorobenzene	ND	ug/L	500	96	320	
Chloroethane	ND	ug/L	500	570	1800	
Chloroform	ND	ug/L	500	65	220	
Chloromethane	ND	ug/L	500	120	370	CC
2-Chlorotoluene	ND	ug/L	500	95	320	
4-Chlorotoluene	ND	ug/L	500	86	280	
Dibromochloromethane	ND	ug/L	500	73	240	
1,2-Dibromo-3-Chloropropane	ND	ug/L	500	110	360	LC
1,2-Dibromoethane	ND	ug/L	500	86	290	
Dibromomethane	ND	ug/L	500	93	310	
1,2-Dichlorobenzene	ND	ug/L	500	79	260	
1,3-Dichlorobenzene	ND	ug/L	500	77	260	
1,4-Dichlorobenzene	ND	ug/L	500	150	490	
Dichlorodifluoromethane	ND	ug/L	500	120	410	
1,1-Dichloroethane	ND	ug/L	500	85	280	
1,2-Dichloroethane	ND	ug/L	500	76	250	
1,1-Dichloroethene	ND	ug/L	500	110	360	
cis-1,2-Dichloroethene	68000	ug/L	5000	810	2700	
trans-1,2-Dichloroethene	2000	ug/L	500	100	340	
1,2-Dichloropropane	ND	ug/L	500	160	550	
1,3-Dichloropropane	ND	ug/L	500	79	260	
2,2-Dichloropropane	ND	ug/L	500	97	320	
1,1-Dichloropropene	ND	ug/L	500	59	200	
cis-1,3-Dichloropropene	ND	ug/L	500	100	340	
trans-1,3-Dichloropropene	ND	ug/L	500	73	240	
Ethylbenzene	ND	ug/L	500	77	260	
Hexachlorobutadiene	ND	ug/L	500	120	410	
Isopropylbenzene	ND	ug/L	500	88	290	
p-Isopropyltoluene	ND	ug/L	500	82	270	
Methylene chloride	ND	ug/L	500	110	390	
Naphthalene	ND	ug/L	500	160	560	
n-Propylbenzene	ND	ug/L	500	100	340	
ortho-Xylene	ND	ug/L	500	83	280	
Styrene	ND	ug/L	500	100	320	
1,1,1,2-Tetrachloroethane	ND	ug/L	500	70	230	
1,1,2,2-Tetrachloroethane	ND	ug/L	500	95	320	
Tetrachloroethene	ND	ug/L	500	59	200	
Toluene	ND	ug/L	500	89	300	
1,2,3-Trichlorobenzene	ND	ug/L	500	150	490	
1,2,4-Trichlorobenzene	ND	ug/L	500	110	370	
1,1,1-Trichloroethane	ND	ug/L	500	63	210	
1,1,2-Trichloroethane	ND	ug/L	500	100	350	
Trichloroethene	ND	ug/L	500	190	620	

Customer: NewFields Companies LLC **NLS Project: 139420**

Project Description: DB Oak/0451-003-800

Project Title: **Template: SATW** **Printed: 12/16/2009 15:26**

Sample: 545824 MW-3 Collected: 12/02/09 Analyzed: 12/04/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	500	110	350	
1,2,3-Trichloropropane	ND	ug/L	500	170	570	
1,2,4-Trimethylbenzene	ND	ug/L	500	95	320	
1,3,5-Trimethylbenzene	ND	ug/L	500	97	320	
Vinyl chloride	27000	ug/L	5000	850	2800	
meta,para-Xylene	ND	ug/L	500	140	470	
MTBE	ND	ug/L	500	96	320	
Isopropyl Ether	ND	ug/L	500	78	260	
Dibromofluoromethane (SURR)	103.89%					S
Toluene-d8 (SURR)	116.38%					S
1-Bromo-4-Fluorobenzene (SURR)	96.14%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 36%
Chloromethane recovery 79%

LC = Laboratory control spike recovery was outside QC limits.
1,2-Dibromo-3-Chloropropane recovered below QC limits at 64.6%.

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545825 MW-3A Collected: 12/02/09 Analyzed: 12/04/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1250	300	950	
Bromobenzene	ND	ug/L	1250	220	740	
Bromochloromethane	ND	ug/L	1250	190	600	
Bromodichloromethane	ND	ug/L	1250	170	570	
Bromoform	ND	ug/L	1250	190	620	
Bromomethane	ND	ug/L	1250	600	2000	CC
n-Butylbenzene	ND	ug/L	1250	280	940	
sec-Butylbenzene	ND	ug/L	1250	270	900	
tert-Butylbenzene	ND	ug/L	1250	250	820	
Carbon Tetrachloride	ND	ug/L	1250	190	640	
Chlorobenzene	ND	ug/L	1250	240	800	
Chloroethane	ND	ug/L	1250	1400	4500	
Chloroform	ND	ug/L	1250	160	540	
Chloromethane	ND	ug/L	1250	290	920	CC
2-Chlorotoluene	ND	ug/L	1250	240	790	
4-Chlorotoluene	ND	ug/L	1250	210	710	
Dibromochloromethane	ND	ug/L	1250	180	610	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1250	270	890	LC
1,2-Dibromoethane	ND	ug/L	1250	220	720	
Dibromomethane	ND	ug/L	1250	230	780	
1,2-Dichlorobenzene	ND	ug/L	1250	200	660	
1,3-Dichlorobenzene	ND	ug/L	1250	190	640	
1,4-Dichlorobenzene	ND	ug/L	1250	370	1200	
Dichlorodifluoromethane	ND	ug/L	1250	310	1000	
1,1-Dichloroethane	ND	ug/L	1250	210	710	
1,2-Dichloroethane	ND	ug/L	1250	190	640	
1,1-Dichloroethene	ND	ug/L	1250	270	900	
cis-1,2-Dichloroethene	18000	ug/L	1250	200	680	
trans-1,2-Dichloroethene	ND	ug/L	1250	260	850	
1,2-Dichloropropane	ND	ug/L	1250	410	1400	
1,3-Dichloropropane	ND	ug/L	1250	200	660	
2,2-Dichloropropane	ND	ug/L	1250	240	810	
1,1-Dichloropropene	ND	ug/L	1250	150	490	
cis-1,3-Dichloropropene	ND	ug/L	1250	250	840	
trans-1,3-Dichloropropene	ND	ug/L	1250	180	610	
Ethylbenzene	ND	ug/L	1250	190	640	
Hexachlorobutadiene	ND	ug/L	1250	310	1000	
Isopropylbenzene	ND	ug/L	1250	220	730	
p-Isopropyltoluene	ND	ug/L	1250	200	680	
Methylene chloride	ND	ug/L	1250	270	990	
Naphthalene	ND	ug/L	1250	400	1400	
n-Propylbenzene	ND	ug/L	1250	250	840	
ortho-Xylene	ND	ug/L	1250	210	690	
Styrene	ND	ug/L	1250	250	790	
1,1,1,2-Tetrachloroethane	ND	ug/L	1250	180	590	
1,1,2,2-Tetrachloroethane	ND	ug/L	1250	240	790	
Tetrachloroethene	1500	ug/L	1250	150	490	
Toluene	ND	ug/L	1250	220	740	
1,2,3-Trichlorobenzene	ND	ug/L	1250	370	1200	
1,2,4-Trichlorobenzene	ND	ug/L	1250	270	920	
1,1,1-Trichloroethane	ND	ug/L	1250	160	520	
1,1,2-Trichloroethane	ND	ug/L	1250	260	870	
Trichloroethene	[1200]	ug/L	1250	460	1500	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545825 MW-3A Collected: 12/02/09 Analyzed: 12/04/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1250	260	880	
1,2,3-Trichloropropane	ND	ug/L	1250	430	1400	
1,2,4-Trimethylbenzene	ND	ug/L	1250	240	790	
1,3,5-Trimethylbenzene	ND	ug/L	1250	240	810	
Vinyl chloride	2200	ug/L	1250	210	710	
meta,para-Xylene	ND	ug/L	1250	350	1200	
MTBE	ND	ug/L	1250	240	800	
Isopropyl Ether	ND	ug/L	1250	190	650	
Dibromofluoromethane (SURR)	111.54%					S
Toluene-d8 (SURR)	114.66%					S
1-Bromo-4-Fluorobenzene (SURR)	93.31%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 36%
Chloromethane recovery 79%

LC = Laboratory control spike recovery was outside QC limits.
1,2-Dibromo-3-Chloropropane recovered below QC limits at 64.6%.

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545826 MW-3B Collected: 12/02/09 Analyzed: 12/04/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	800	190	610	
Bromobenzene	ND	ug/L	800	140	480	
Bromochloromethane	ND	ug/L	800	120	380	
Bromodichloromethane	ND	ug/L	800	110	360	
Bromoform	ND	ug/L	800	120	400	
Bromomethane	ND	ug/L	800	390	1300	CC
n-Butylbenzene	ND	ug/L	800	180	600	
sec-Butylbenzene	ND	ug/L	800	170	570	
tert-Butylbenzene	ND	ug/L	800	160	530	
Carbon Tetrachloride	ND	ug/L	800	120	410	
Chlorobenzene	ND	ug/L	800	150	510	
Chloroethane	ND	ug/L	800	910	2900	
Chloroform	ND	ug/L	800	100	350	
Chloromethane	ND	ug/L	800	180	590	CC
2-Chlorotoluene	ND	ug/L	800	150	500	
4-Chlorotoluene	ND	ug/L	800	140	460	
Dibromochloromethane	ND	ug/L	800	120	390	
1,2-Dibromo-3-Chloropropane	ND	ug/L	800	170	570	LC
1,2-Dibromoethane	ND	ug/L	800	140	460	
Dibromomethane	ND	ug/L	800	150	500	
1,2-Dichlorobenzene	ND	ug/L	800	130	420	
1,3-Dichlorobenzene	ND	ug/L	800	120	410	
1,4-Dichlorobenzene	ND	ug/L	800	240	790	
Dichlorodifluoromethane	ND	ug/L	800	200	660	
1,1-Dichloroethane	ND	ug/L	800	140	450	
1,2-Dichloroethane	ND	ug/L	800	120	410	
1,1-Dichloroethene	ND	ug/L	800	170	580	
cis-1,2-Dichloroethene	1000	ug/L	800	130	430	
trans-1,2-Dichloroethene	ND	ug/L	800	160	550	
1,2-Dichloropropane	ND	ug/L	800	260	870	
1,3-Dichloropropane	ND	ug/L	800	130	420	
2,2-Dichloropropane	ND	ug/L	800	160	520	
1,1-Dichloropropene	ND	ug/L	800	94	320	
cis-1,3-Dichloropropene	ND	ug/L	800	160	540	
trans-1,3-Dichloropropene	ND	ug/L	800	120	390	
Ethylbenzene	ND	ug/L	800	120	410	
Hexachlorobutadiene	ND	ug/L	800	200	660	
Isopropylbenzene	ND	ug/L	800	140	470	
p-Isopropyltoluene	ND	ug/L	800	130	440	
Methylene chloride	ND	ug/L	800	170	630	
Naphthalene	ND	ug/L	800	250	900	
n-Propylbenzene	ND	ug/L	800	160	540	
ortho-Xylene	ND	ug/L	800	130	440	
Styrene	ND	ug/L	800	160	510	
1,1,1,2-Tetrachloroethane	ND	ug/L	800	110	370	
1,1,2,2-Tetrachloroethane	ND	ug/L	800	150	510	
Tetrachloroethene	9700	ug/L	800	94	310	
Toluene	ND	ug/L	800	140	470	
1,2,3-Trichlorobenzene	ND	ug/L	800	240	790	
1,2,4-Trichlorobenzene	ND	ug/L	800	180	590	
1,1,1-Trichloroethane	ND	ug/L	800	100	330	
1,1,2-Trichloroethane	ND	ug/L	800	170	560	
Trichloroethene	2200	ug/L	800	300	990	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545826 MW-3B Collected: 12/02/09 Analyzed: 12/04/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	800	170	560	
1,2,3-Trichloropropane	ND	ug/L	800	270	910	
1,2,4-Trimethylbenzene	ND	ug/L	800	150	510	
1,3,5-Trimethylbenzene	ND	ug/L	800	160	520	
Vinyl chloride	ND	ug/L	800	140	450	
meta,para-Xylene	ND	ug/L	800	220	750	
MTBE	ND	ug/L	800	150	510	
Isopropyl Ether	ND	ug/L	800	120	410	
Dibromofluoromethane (SURR)	113.76%					S
Toluene-d8 (SURR)	114.35%					S
1-Bromo-4-Fluorobenzene (SURR)	97.89%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 36%
Chloromethane recovery 79%

LC = Laboratory control spike recovery was outside QC limits.
1,2-Dibromo-3-Chloropropane recovered below QC limits at 64.6%.

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545827 MW-3C Collected: 12/02/09 Analyzed: 12/04/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	2.5	0.60	1.9	
Bromobenzene	ND	ug/L	2.5	0.45	1.5	
Bromochloromethane	ND	ug/L	2.5	0.38	1.2	
Bromodichloromethane	ND	ug/L	2.5	0.34	1.1	
Bromoform	ND	ug/L	2.5	0.37	1.2	
Bromomethane	ND	ug/L	2.5	1.2	4.0	CC
n-Butylbenzene	ND	ug/L	2.5	0.56	1.9	
sec-Butylbenzene	ND	ug/L	2.5	0.54	1.8	
tert-Butylbenzene	ND	ug/L	2.5	0.49	1.6	
Carbon Tetrachloride	ND	ug/L	2.5	0.39	1.3	
Chlorobenzene	ND	ug/L	2.5	0.48	1.6	
Chloroethane	ND	ug/L	2.5	2.9	9.1	
Chloroform	ND	ug/L	2.5	0.33	1.1	
Chloromethane	ND	ug/L	2.5	0.58	1.8	CC
2-Chlorotoluene	ND	ug/L	2.5	0.47	1.6	
4-Chlorotoluene	ND	ug/L	2.5	0.43	1.4	
Dibromochloromethane	ND	ug/L	2.5	0.36	1.2	
1,2-Dibromo-3-Chloropropane	ND	ug/L	2.5	0.53	1.8	LC
1,2-Dibromoethane	ND	ug/L	2.5	0.43	1.4	
Dibromomethane	ND	ug/L	2.5	0.47	1.6	
1,2-Dichlorobenzene	ND	ug/L	2.5	0.40	1.3	
1,3-Dichlorobenzene	ND	ug/L	2.5	0.39	1.3	
1,4-Dichlorobenzene	ND	ug/L	2.5	0.74	2.5	
Dichlorodifluoromethane	ND	ug/L	2.5	0.62	2.1	
1,1-Dichloroethane	ND	ug/L	2.5	0.43	1.4	
1,2-Dichloroethane	ND	ug/L	2.5	0.38	1.3	
1,1-Dichloroethene	ND	ug/L	2.5	0.54	1.8	
cis-1,2-Dichloroethene	ND	ug/L	2.5	0.41	1.4	
trans-1,2-Dichloroethene	ND	ug/L	2.5	0.51	1.7	
1,2-Dichloropropane	ND	ug/L	2.5	0.82	2.7	
1,3-Dichloropropane	ND	ug/L	2.5	0.40	1.3	
2,2-Dichloropropane	ND	ug/L	2.5	0.49	1.6	
1,1-Dichloropropene	ND	ug/L	2.5	0.30	0.99	
cis-1,3-Dichloropropene	ND	ug/L	2.5	0.51	1.7	
trans-1,3-Dichloropropene	ND	ug/L	2.5	0.36	1.2	
Ethylbenzene	ND	ug/L	2.5	0.39	1.3	
Hexachlorobutadiene	ND	ug/L	2.5	0.62	2.1	
Isopropylbenzene	ND	ug/L	2.5	0.44	1.5	
p-Isopropyltoluene	ND	ug/L	2.5	0.41	1.4	
Methylene chloride	ND	ug/L	2.5	0.55	2.0	
Naphthalene	ND	ug/L	2.5	0.79	2.8	
n-Propylbenzene	ND	ug/L	2.5	0.50	1.7	
ortho-Xylene	ND	ug/L	2.5	0.41	1.4	
Styrene	ND	ug/L	2.5	0.50	1.6	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.5	0.35	1.2	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.5	0.48	1.6	
Tetrachloroethene	ND	ug/L	2.5	0.30	0.98	
Toluene	48	ug/L	4	0.71	2.4	
1,2,3-Trichlorobenzene	ND	ug/L	2.5	0.74	2.5	
1,2,4-Trichlorobenzene	ND	ug/L	2.5	0.55	1.8	
1,1,1-Trichloroethane	ND	ug/L	2.5	0.31	1.0	
1,1,2-Trichloroethane	ND	ug/L	2.5	0.52	1.7	
Trichloroethene	[1.1]	ug/L	2.5	0.93	3.1	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545827 MW-3C Collected: 12/02/09 Analyzed: 12/04/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	2.5	0.53	1.8	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.86	2.9	
1,2,4-Trimethylbenzene	ND	ug/L	2.5	0.48	1.6	
1,3,5-Trimethylbenzene	ND	ug/L	2.5	0.49	1.6	
Vinyl chloride	ND	ug/L	2.5	0.42	1.4	
meta,para-Xylene	ND	ug/L	2.5	0.70	2.3	
MTBE	ND	ug/L	2.5	0.48	1.6	
Isopropyl Ether	ND	ug/L	2.5	0.39	1.3	
Dibromofluoromethane (SURR)	107.61%					S
Toluene-d8 (SURR)	110.62%					S
1-Bromo-4-Fluorobenzene (SURR)	87.56%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 36%
Chloromethane recovery 79%

LC = Laboratory control spike recovery was outside QC limits.
1,2-Dibromo-3-Chloropropane recovered below QC limits at 64.6%.

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545828 Dup-1 Collected: 12/02/09 Analyzed: 12/04/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.24	0.76	
Bromobenzene	ND	ug/L	1	0.18	0.59	
Bromochloromethane	ND	ug/L	1	0.15	0.48	
Bromodichloromethane	ND	ug/L	1	0.14	0.46	
Bromoform	ND	ug/L	1	0.15	0.50	
Bromomethane	ND	ug/L	1	0.48	1.6	CC
n-Butylbenzene	ND	ug/L	1	0.23	0.75	
sec-Butylbenzene	ND	ug/L	1	0.22	0.72	
tert-Butylbenzene	ND	ug/L	1	0.20	0.66	
Carbon Tetrachloride	ND	ug/L	1	0.15	0.51	
Chlorobenzene	ND	ug/L	1	0.19	0.64	
Chloroethane	ND	ug/L	1	1.1	3.6	
Chloroform	ND	ug/L	1	0.13	0.44	
Chloromethane	ND	ug/L	1	0.23	0.73	CC
2-Chlorotoluene	ND	ug/L	1	0.19	0.63	
4-Chlorotoluene	ND	ug/L	1	0.17	0.57	
Dibromochloromethane	ND	ug/L	1	0.15	0.48	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.71	LC
1,2-Dibromoethane	ND	ug/L	1	0.17	0.57	
Dibromomethane	ND	ug/L	1	0.19	0.62	
1,2-Dichlorobenzene	ND	ug/L	1	0.16	0.53	
1,3-Dichlorobenzene	ND	ug/L	1	0.15	0.52	
1,4-Dichlorobenzene	ND	ug/L	1	0.30	0.99	
Dichlorodifluoromethane	ND	ug/L	1	0.25	0.83	
1,1-Dichloroethane	ND	ug/L	1	0.17	0.57	
1,2-Dichloroethane	ND	ug/L	1	0.15	0.51	
1,1-Dichloroethene	ND	ug/L	1	0.22	0.72	
cis-1,2-Dichloroethene	0.54	ug/L	1	0.16	0.54	
trans-1,2-Dichloroethene	ND	ug/L	1	0.21	0.68	
1,2-Dichloropropane	ND	ug/L	1	0.33	1.1	
1,3-Dichloropropane	ND	ug/L	1	0.16	0.53	
2,2-Dichloropropane	ND	ug/L	1	0.19	0.65	
1,1-Dichloropropene	ND	ug/L	1	0.12	0.40	
cis-1,3-Dichloropropene	ND	ug/L	1	0.20	0.67	
trans-1,3-Dichloropropene	ND	ug/L	1	0.15	0.48	
Ethylbenzene	ND	ug/L	1	0.15	0.51	
Hexachlorobutadiene	ND	ug/L	1	0.25	0.82	
Isopropylbenzene	ND	ug/L	1	0.18	0.59	
p-Isopropyltoluene	ND	ug/L	1	0.16	0.55	
Methylene chloride	ND	ug/L	1	0.22	0.79	
Naphthalene	ND	ug/L	1	0.32	1.1	
n-Propylbenzene	ND	ug/L	1	0.20	0.67	
ortho-Xylene	ND	ug/L	1	0.17	0.55	
Styrene	ND	ug/L	1	0.20	0.63	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.14	0.47	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.19	0.63	
Tetrachloroethene	84	ug/L	5	0.59	2.0	
Toluene	ND	ug/L	1	0.18	0.59	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.30	0.98	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.22	0.73	
1,1,1-Trichloroethane	ND	ug/L	1	0.13	0.42	
1,1,2-Trichloroethane	ND	ug/L	1	0.21	0.70	
Trichloroethene	3.5	ug/L	1	0.37	1.2	

Sample: 545828 Dup-1 Collected: 12/02/09 Analyzed: 12/04/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.21	0.70	
1,2,3-Trichloropropane	ND	ug/L	1	0.34	1.1	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.19	0.64	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.19	0.65	
Vinyl chloride	ND	ug/L	1	0.17	0.57	
meta,para-Xylene	ND	ug/L	1	0.28	0.94	
MTBE	ND	ug/L	1	0.19	0.64	
Isopropyl Ether	ND	ug/L	1	0.16	0.52	
Dibromofluoromethane (SURR)	102.71%					S
Toluene-d8 (SURR)	107.99%					S
1-Bromo-4-Fluorobenzene (SURR)	87%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 36%
Chloromethane recovery 79%

LC = Laboratory control spike recovery was outside QC limits.
1,2-Dibromo-3-Chloropropane recovered below QC limits at 64.6%.

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545829 Dup-2 Collected: 12/02/09 Analyzed: 12/10/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	80	19	61	
Bromobenzene	ND	ug/L	80	14	48	
Bromochloromethane	ND	ug/L	80	12	38	
Bromodichloromethane	ND	ug/L	80	11	36	
Bromoform	ND	ug/L	80	12	40	
Bromomethane	ND	ug/L	80	39	130	CC
n-Butylbenzene	ND	ug/L	80	18	60	
sec-Butylbenzene	ND	ug/L	80	17	57	
tert-Butylbenzene	ND	ug/L	80	16	53	
Carbon Tetrachloride	ND	ug/L	80	12	41	
Chlorobenzene	ND	ug/L	80	15	51	
Chloroethane	ND	ug/L	80	91	290	
Chloroform	ND	ug/L	80	10	35	
Chloromethane	ND	ug/L	80	18	59	CC
2-Chlorotoluene	ND	ug/L	80	15	50	
4-Chlorotoluene	ND	ug/L	80	14	46	
Dibromochloromethane	ND	ug/L	80	12	39	
1,2-Dibromo-3-Chloropropane	ND	ug/L	80	17	57	
1,2-Dibromoethane	ND	ug/L	80	14	46	
Dibromomethane	ND	ug/L	80	15	50	
1,2-Dichlorobenzene	ND	ug/L	80	13	42	
1,3-Dichlorobenzene	ND	ug/L	80	12	41	
1,4-Dichlorobenzene	ND	ug/L	80	24	79	
Dichlorodifluoromethane	ND	ug/L	80	20	66	
1,1-Dichloroethane	ND	ug/L	80	14	45	
1,2-Dichloroethane	ND	ug/L	80	12	41	
1,1-Dichloroethene	[56]	ug/L	80	17	58	
cis-1,2-Dichloroethene	4000	ug/L	400	65	220	
trans-1,2-Dichloroethene	56	ug/L	80	16	55	
1,2-Dichloropropane	ND	ug/L	80	26	87	
1,3-Dichloropropane	ND	ug/L	80	13	42	
2,2-Dichloropropane	ND	ug/L	80	16	52	
1,1-Dichloropropene	ND	ug/L	80	9.4	32	
cis-1,3-Dichloropropene	ND	ug/L	80	16	54	
trans-1,3-Dichloropropene	ND	ug/L	80	12	39	
Ethylbenzene	ND	ug/L	80	12	41	
Hexachlorobutadiene	ND	ug/L	80	20	66	
Isopropylbenzene	ND	ug/L	80	14	47	
p-Isopropyltoluene	ND	ug/L	80	13	44	
Methylene chloride	ND	ug/L	80	17	63	
Naphthalene	ND	ug/L	80	25	90	
n-Propylbenzene	ND	ug/L	80	16	54	
ortho-Xylene	ND	ug/L	80	13	44	
Styrene	ND	ug/L	80	16	51	
1,1,1,2-Tetrachloroethane	ND	ug/L	80	11	37	
1,1,2,2-Tetrachloroethane	ND	ug/L	80	15	51	
Tetrachloroethene	450	ug/L	80	9.4	31	
Toluene	ND	ug/L	80	14	47	
1,2,3-Trichlorobenzene	ND	ug/L	80	24	79	
1,2,4-Trichlorobenzene	ND	ug/L	80	18	59	
1,1,1-Trichloroethane	ND	ug/L	80	10	33	
1,1,2-Trichloroethane	ND	ug/L	80	17	56	
Trichloroethene	650	ug/L	80	30	99	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545829 Dup-2 Collected: 12/02/09 Analyzed: 12/10/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	80	17	56	
1,2,3-Trichloropropane	ND	ug/L	80	27	91	
1,2,4-Trimethylbenzene	ND	ug/L	80	15	51	
1,3,5-Trimethylbenzene	ND	ug/L	80	16	52	
Vinyl chloride	550	ug/L	80	14	45	
meta,para-Xylene	ND	ug/L	80	22	75	
MTBE	ND	ug/L	80	15	51	
Isopropyl Ether	ND	ug/L	80	12	41	
Dibromofluoromethane (SURR)	102.77%					S
Toluene-d8 (SURR)	105.2%					S
1-Bromo-4-Fluorobenzene (SURR)	95.5%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.
CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 37.1%
Chloromethane recovery 68.4%

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545830 MW-4 Collected: 12/02/09 Analyzed: 12/07/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	100	24	76	
Bromobenzene	ND	ug/L	100	18	59	
Bromochloromethane	ND	ug/L	100	15	48	
Bromodichloromethane	ND	ug/L	100	14	46	
Bromoform	ND	ug/L	100	15	50	
Bromomethane	ND	ug/L	100	48	160	CC
n-Butylbenzene	ND	ug/L	100	23	75	
sec-Butylbenzene	ND	ug/L	100	22	72	
tert-Butylbenzene	ND	ug/L	100	20	66	
Carbon Tetrachloride	ND	ug/L	100	15	51	
Chlorobenzene	ND	ug/L	100	19	64	
Chloroethane	ND	ug/L	100	110	360	
Chloroform	ND	ug/L	100	13	44	
Chloromethane	ND	ug/L	100	23	73	CC
2-Chlorotoluene	ND	ug/L	100	19	63	
4-Chlorotoluene	ND	ug/L	100	17	57	
Dibromochloromethane	ND	ug/L	100	15	48	
1,2-Dibromo-3-Chloropropane	ND	ug/L	100	21	71	
1,2-Dibromoethane	ND	ug/L	100	17	57	
Dibromomethane	ND	ug/L	100	19	62	
1,2-Dichlorobenzene	ND	ug/L	100	16	53	
1,3-Dichlorobenzene	ND	ug/L	100	15	52	
1,4-Dichlorobenzene	ND	ug/L	100	30	99	
Dichlorodifluoromethane	ND	ug/L	100	25	83	
1,1-Dichloroethane	ND	ug/L	100	17	57	
1,2-Dichloroethane	ND	ug/L	100	15	51	
1,1-Dichloroethene	ND	ug/L	100	22	72	
cis-1,2-Dichloroethene	1600	ug/L	100	16	54	
trans-1,2-Dichloroethene	ND	ug/L	100	21	68	
1,2-Dichloropropane	ND	ug/L	100	33	110	
1,3-Dichloropropane	ND	ug/L	100	16	53	
2,2-Dichloropropane	ND	ug/L	100	19	65	
1,1-Dichloropropene	ND	ug/L	100	12	40	
cis-1,3-Dichloropropene	ND	ug/L	100	20	67	
trans-1,3-Dichloropropene	ND	ug/L	100	15	48	
Ethylbenzene	ND	ug/L	100	15	51	
Hexachlorobutadiene	ND	ug/L	100	25	82	
Isopropylbenzene	ND	ug/L	100	18	59	
p-Isopropyltoluene	ND	ug/L	100	16	55	
Methylene chloride	ND	ug/L	100	22	79	
Naphthalene	ND	ug/L	100	32	110	
n-Propylbenzene	ND	ug/L	100	20	67	
ortho-Xylene	ND	ug/L	100	17	55	
Styrene	ND	ug/L	100	20	63	
1,1,1,2-Tetrachloroethane	ND	ug/L	100	14	47	
1,1,2,2-Tetrachloroethane	ND	ug/L	100	19	63	
Tetrachloroethene	110	ug/L	100	12	39	
Toluene	ND	ug/L	100	18	59	
1,2,3-Trichlorobenzene	ND	ug/L	100	30	98	
1,2,4-Trichlorobenzene	ND	ug/L	100	22	73	
1,1,1-Trichloroethane	ND	ug/L	100	13	42	
1,1,2-Trichloroethane	ND	ug/L	100	21	70	
Trichloroethene	[71]	ug/L	100	37	120	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545830 MW-4 Collected: 12/02/09 Analyzed: 12/07/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	100	21	70	
1,2,3-Trichloropropane	ND	ug/L	100	34	110	
1,2,4-Trimethylbenzene	ND	ug/L	100	19	64	
1,3,5-Trimethylbenzene	ND	ug/L	100	19	65	
Vinyl chloride	800	ug/L	100	17	57	
meta,para-Xylene	ND	ug/L	100	28	94	
MTBE	ND	ug/L	100	19	64	
Isopropyl Ether	ND	ug/L	100	16	52	
Dibromofluoromethane (SURR)	103.4%					S
Toluene-d8 (SURR)	119.54%					S
1-Bromo-4-Fluorobenzene (SURR)	103.3%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 13.8%
Chloromethane recovery 68.4%

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545831 MW-4A Collected: 12/02/09 Analyzed: 12/07/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.24	0.76	
Bromobenzene	ND	ug/L	1	0.18	0.59	
Bromochloromethane	ND	ug/L	1	0.15	0.48	
Bromodichloromethane	ND	ug/L	1	0.14	0.46	
Bromoform	ND	ug/L	1	0.15	0.50	
Bromomethane	ND	ug/L	1	0.48	1.6	CC
n-Butylbenzene	ND	ug/L	1	0.23	0.75	
sec-Butylbenzene	ND	ug/L	1	0.22	0.72	
tert-Butylbenzene	ND	ug/L	1	0.20	0.66	
Carbon Tetrachloride	ND	ug/L	1	0.15	0.51	
Chlorobenzene	ND	ug/L	1	0.19	0.64	
Chloroethane	ND	ug/L	1	1.1	3.6	
Chloroform	ND	ug/L	1	0.13	0.44	
Chloromethane	ND	ug/L	1	0.23	0.73	
2-Chlorotoluene	ND	ug/L	1	0.19	0.63	
4-Chlorotoluene	ND	ug/L	1	0.17	0.57	
Dibromochloromethane	ND	ug/L	1	0.15	0.48	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.71	
1,2-Dibromoethane	ND	ug/L	1	0.17	0.57	
Dibromomethane	ND	ug/L	1	0.19	0.62	
1,2-Dichlorobenzene	ND	ug/L	1	0.16	0.53	
1,3-Dichlorobenzene	ND	ug/L	1	0.15	0.52	
1,4-Dichlorobenzene	ND	ug/L	1	0.30	0.99	
Dichlorodifluoromethane	ND	ug/L	1	0.25	0.83	
1,1-Dichloroethane	ND	ug/L	1	0.17	0.57	
1,2-Dichloroethane	ND	ug/L	1	0.15	0.51	
1,1-Dichloroethene	ND	ug/L	1	0.22	0.72	
cis-1,2-Dichloroethene	[0.20]	ug/L	1	0.16	0.54	
trans-1,2-Dichloroethene	ND	ug/L	1	0.21	0.68	
1,2-Dichloropropane	ND	ug/L	1	0.33	1.1	
1,3-Dichloropropane	ND	ug/L	1	0.16	0.53	
2,2-Dichloropropane	ND	ug/L	1	0.19	0.65	
1,1-Dichloropropene	ND	ug/L	1	0.12	0.40	
cis-1,3-Dichloropropene	ND	ug/L	1	0.20	0.67	
trans-1,3-Dichloropropene	ND	ug/L	1	0.15	0.48	
Ethylbenzene	ND	ug/L	1	0.15	0.51	
Hexachlorobutadiene	ND	ug/L	1	0.25	0.82	
Isopropylbenzene	ND	ug/L	1	0.18	0.59	
p-Isopropyltoluene	ND	ug/L	1	0.16	0.55	
Methylene chloride	ND	ug/L	1	0.22	0.79	
Naphthalene	ND	ug/L	1	0.32	1.1	
n-Propylbenzene	ND	ug/L	1	0.20	0.67	
ortho-Xylene	ND	ug/L	1	0.17	0.55	
Styrene	ND	ug/L	1	0.20	0.63	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.14	0.47	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.19	0.63	
Tetrachloroethene	0.95	ug/L	1	0.12	0.39	
Toluene	ND	ug/L	1	0.18	0.59	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.30	0.98	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.22	0.73	
1,1,1-Trichloroethane	ND	ug/L	1	0.13	0.42	
1,1,2-Trichloroethane	ND	ug/L	1	0.21	0.70	
Trichloroethene	ND	ug/L	1	0.37	1.2	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545831 MW-4A Collected: 12/02/09 Analyzed: 12/07/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.21	0.70	
1,2,3-Trichloropropane	ND	ug/L	1	0.34	1.1	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.19	0.64	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.19	0.65	
Vinyl chloride	ND	ug/L	1	0.17	0.57	
meta,para-Xylene	ND	ug/L	1	0.28	0.94	
MTBE	ND	ug/L	1	0.19	0.64	
Isopropyl Ether	ND	ug/L	1	0.16	0.52	
Dibromofluoromethane (SURR)	100.03%					S
Toluene-d8 (SURR)	104.55%					S
1-Bromo-4-Fluorobenzene (SURR)	90.15%					S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.
CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 62.2%

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545832 MW-4B Collected: 12/02/09 Analyzed: 12/07/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.24	0.76	
Bromobenzene	ND	ug/L	1	0.18	0.59	
Bromochloromethane	ND	ug/L	1	0.15	0.48	
Bromodichloromethane	ND	ug/L	1	0.14	0.46	
Bromoform	ND	ug/L	1	0.15	0.50	
Bromomethane	ND	ug/L	1	0.48	1.6	CC
n-Butylbenzene	ND	ug/L	1	0.23	0.75	
sec-Butylbenzene	ND	ug/L	1	0.22	0.72	
tert-Butylbenzene	ND	ug/L	1	0.20	0.66	
Carbon Tetrachloride	ND	ug/L	1	0.15	0.51	
Chlorobenzene	ND	ug/L	1	0.19	0.64	
Chloroethane	ND	ug/L	1	1.1	3.6	
Chloroform	ND	ug/L	1	0.13	0.44	
Chloromethane	ND	ug/L	1	0.23	0.73	
2-Chlorotoluene	ND	ug/L	1	0.19	0.63	
4-Chlorotoluene	ND	ug/L	1	0.17	0.57	
Dibromochloromethane	ND	ug/L	1	0.15	0.48	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.71	
1,2-Dibromoethane	ND	ug/L	1	0.17	0.57	
Dibromomethane	ND	ug/L	1	0.19	0.62	
1,2-Dichlorobenzene	ND	ug/L	1	0.16	0.53	
1,3-Dichlorobenzene	ND	ug/L	1	0.15	0.52	
1,4-Dichlorobenzene	ND	ug/L	1	0.30	0.99	
Dichlorodifluoromethane	ND	ug/L	1	0.25	0.83	
1,1-Dichloroethane	ND	ug/L	1	0.17	0.57	
1,2-Dichloroethane	ND	ug/L	1	0.15	0.51	
1,1-Dichloroethene	ND	ug/L	1	0.22	0.72	
cis-1,2-Dichloroethene	2.5	ug/L	1	0.16	0.54	
trans-1,2-Dichloroethene	ND	ug/L	1	0.21	0.68	
1,2-Dichloropropane	ND	ug/L	1	0.33	1.1	
1,3-Dichloropropane	ND	ug/L	1	0.16	0.53	
2,2-Dichloropropane	ND	ug/L	1	0.19	0.65	
1,1-Dichloropropene	ND	ug/L	1	0.12	0.40	
cis-1,3-Dichloropropene	ND	ug/L	1	0.20	0.67	
trans-1,3-Dichloropropene	ND	ug/L	1	0.15	0.48	
Ethylbenzene	ND	ug/L	1	0.15	0.51	
Hexachlorobutadiene	ND	ug/L	1	0.25	0.82	
Isopropylbenzene	ND	ug/L	1	0.18	0.59	
p-Isopropyltoluene	ND	ug/L	1	0.16	0.55	
Methylene chloride	ND	ug/L	1	0.22	0.79	
Naphthalene	ND	ug/L	1	0.32	1.1	
n-Propylbenzene	ND	ug/L	1	0.20	0.67	
ortho-Xylene	ND	ug/L	1	0.17	0.55	
Styrene	ND	ug/L	1	0.20	0.63	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.14	0.47	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.19	0.63	
Tetrachloroethene	2.8	ug/L	1	0.12	0.39	
Toluene	ND	ug/L	1	0.18	0.59	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.30	0.98	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.22	0.73	
1,1,1-Trichloroethane	ND	ug/L	1	0.13	0.42	
1,1,2-Trichloroethane	ND	ug/L	1	0.21	0.70	
Trichloroethene	[1.1]	ug/L	1	0.37	1.2	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545832 MW-4B Collected: 12/02/09 Analyzed: 12/07/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.21	0.70	
1,2,3-Trichloropropane	ND	ug/L	1	0.34	1.1	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.19	0.64	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.19	0.65	
Vinyl chloride	ND	ug/L	1	0.17	0.57	
meta,para-Xylene	ND	ug/L	1	0.28	0.94	
MTBE	ND	ug/L	1	0.19	0.64	
Isopropyl Ether	ND	ug/L	1	0.16	0.52	
Dibromofluoromethane (SURR)	108.06%					S
Toluene-d8 (SURR)	116.4%					S
1-Bromo-4-Fluorobenzene (SURR)	98.89%					S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.
CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 62.2%

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545833 MW-7 Collected: 12/02/09 Analyzed: 12/04/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.24	0.76	
Bromobenzene	ND	ug/L	1	0.18	0.59	
Bromochloromethane	ND	ug/L	1	0.15	0.48	
Bromodichloromethane	ND	ug/L	1	0.14	0.46	
Bromoform	ND	ug/L	1	0.15	0.50	
Bromomethane	ND	ug/L	1	0.48	1.6	CC
n-Butylbenzene	ND	ug/L	1	0.23	0.75	
sec-Butylbenzene	ND	ug/L	1	0.22	0.72	
tert-Butylbenzene	ND	ug/L	1	0.20	0.66	
Carbon Tetrachloride	ND	ug/L	1	0.15	0.51	
Chlorobenzene	ND	ug/L	1	0.19	0.64	
Chloroethane	ND	ug/L	1	1.1	3.6	
Chloroform	ND	ug/L	1	0.13	0.44	
Chloromethane	ND	ug/L	1	0.23	0.73	
2-Chlorotoluene	ND	ug/L	1	0.19	0.63	
4-Chlorotoluene	ND	ug/L	1	0.17	0.57	
Dibromochloromethane	ND	ug/L	1	0.15	0.48	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.71	
1,2-Dibromoethane	ND	ug/L	1	0.17	0.57	
Dibromomethane	ND	ug/L	1	0.19	0.62	
1,2-Dichlorobenzene	ND	ug/L	1	0.16	0.53	
1,3-Dichlorobenzene	ND	ug/L	1	0.15	0.52	
1,4-Dichlorobenzene	ND	ug/L	1	0.30	0.99	
Dichlorodifluoromethane	ND	ug/L	1	0.25	0.83	
1,1-Dichloroethane	ND	ug/L	1	0.17	0.57	
1,2-Dichloroethane	ND	ug/L	1	0.15	0.51	
1,1-Dichloroethene	ND	ug/L	1	0.22	0.72	
cis-1,2-Dichloroethene	ND	ug/L	1	0.16	0.54	
trans-1,2-Dichloroethene	ND	ug/L	1	0.21	0.68	
1,2-Dichloropropane	ND	ug/L	1	0.33	1.1	
1,3-Dichloropropane	ND	ug/L	1	0.16	0.53	
2,2-Dichloropropane	ND	ug/L	1	0.19	0.65	
1,1-Dichloropropene	ND	ug/L	1	0.12	0.40	
cis-1,3-Dichloropropene	ND	ug/L	1	0.20	0.67	
trans-1,3-Dichloropropene	ND	ug/L	1	0.15	0.48	
Ethylbenzene	ND	ug/L	1	0.15	0.51	
Hexachlorobutadiene	ND	ug/L	1	0.25	0.82	
Isopropylbenzene	ND	ug/L	1	0.18	0.59	
p-Isopropyltoluene	ND	ug/L	1	0.16	0.55	
Methylene chloride	ND	ug/L	1	0.22	0.79	
Naphthalene	ND	ug/L	1	0.32	1.1	
n-Propylbenzene	ND	ug/L	1	0.20	0.67	
ortho-Xylene	ND	ug/L	1	0.17	0.55	
Styrene	ND	ug/L	1	0.20	0.63	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.14	0.47	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.19	0.63	
Tetrachloroethene	0.98	ug/L	1	0.12	0.39	
Toluene	ND	ug/L	1	0.18	0.59	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.30	0.98	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.22	0.73	
1,1,1-Trichloroethane	ND	ug/L	1	0.13	0.42	
1,1,2-Trichloroethane	ND	ug/L	1	0.21	0.70	
Trichloroethene	ND	ug/L	1	0.37	1.2	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545833 MW-7 Collected: 12/02/09 Analyzed: 12/04/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.21	0.70	
1,2,3-Trichloropropane	ND	ug/L	1	0.34	1.1	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.19	0.64	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.19	0.65	
Vinyl chloride	ND	ug/L	1	0.17	0.57	
meta,para-Xylene	ND	ug/L	1	0.28	0.94	
MTBE	ND	ug/L	1	0.19	0.64	
Isopropyl Ether	ND	ug/L	1	0.16	0.52	
Dibromofluoromethane (SURR)	100.86%					S
Toluene-d8 (SURR)	110.83%					S
1-Bromo-4-Fluorobenzene (SURR)	95.11%					S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.
CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 62.2%

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545834 MW-7A Collected: 12/02/09 Analyzed: 12/11/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.24	0.76	
Bromobenzene	ND	ug/L	1	0.18	0.59	
Bromochloromethane	ND	ug/L	1	0.15	0.48	
Bromodichloromethane	ND	ug/L	1	0.14	0.46	
Bromoform	ND	ug/L	1	0.15	0.50	
Bromomethane	ND	ug/L	1	0.48	1.6	CC
n-Butylbenzene	ND	ug/L	1	0.23	0.75	
sec-Butylbenzene	ND	ug/L	1	0.22	0.72	
tert-Butylbenzene	ND	ug/L	1	0.20	0.66	
Carbon Tetrachloride	ND	ug/L	1	0.15	0.51	
Chlorobenzene	ND	ug/L	1	0.19	0.64	
Chloroethane	ND	ug/L	1	1.1	3.6	
Chloroform	ND	ug/L	1	0.13	0.44	
Chloromethane	ND	ug/L	1	0.23	0.73	CC
2-Chlorotoluene	ND	ug/L	1	0.19	0.63	
4-Chlorotoluene	ND	ug/L	1	0.17	0.57	
Dibromochloromethane	ND	ug/L	1	0.15	0.48	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.71	
1,2-Dibromoethane	ND	ug/L	1	0.17	0.57	
Dibromomethane	ND	ug/L	1	0.19	0.62	
1,2-Dichlorobenzene	ND	ug/L	1	0.16	0.53	
1,3-Dichlorobenzene	ND	ug/L	1	0.15	0.52	
1,4-Dichlorobenzene	ND	ug/L	1	0.30	0.99	
Dichlorodifluoromethane	ND	ug/L	1	0.25	0.83	
1,1-Dichloroethane	ND	ug/L	1	0.17	0.57	
1,2-Dichloroethane	ND	ug/L	1	0.15	0.51	
1,1-Dichloroethene	ND	ug/L	1	0.22	0.72	
cis-1,2-Dichloroethene	[0.50]	ug/L	1	0.16	0.54	
trans-1,2-Dichloroethene	ND	ug/L	1	0.21	0.68	
1,2-Dichloropropane	ND	ug/L	1	0.33	1.1	
1,3-Dichloropropane	ND	ug/L	1	0.16	0.53	
2,2-Dichloropropane	ND	ug/L	1	0.19	0.65	
1,1-Dichloropropene	ND	ug/L	1	0.12	0.40	
cis-1,3-Dichloropropene	ND	ug/L	1	0.20	0.67	
trans-1,3-Dichloropropene	ND	ug/L	1	0.15	0.48	
Ethylbenzene	ND	ug/L	1	0.15	0.51	
Hexachlorobutadiene	ND	ug/L	1	0.25	0.82	
Isopropylbenzene	ND	ug/L	1	0.18	0.59	
p-Isopropyltoluene	ND	ug/L	1	0.16	0.55	
Methylene chloride	ND	ug/L	1	0.22	0.79	
Naphthalene	ND	ug/L	1	0.32	1.1	
n-Propylbenzene	ND	ug/L	1	0.20	0.67	
ortho-Xylene	ND	ug/L	1	0.17	0.55	
Styrene	ND	ug/L	1	0.20	0.63	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.14	0.47	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.19	0.63	
Tetrachloroethene	83	ug/L	5	0.59	2.0	
Toluene	ND	ug/L	1	0.18	0.59	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.30	0.98	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.22	0.73	
1,1,1-Trichloroethane	ND	ug/L	1	0.13	0.42	
1,1,2-Trichloroethane	ND	ug/L	1	0.21	0.70	
Trichloroethene	3.6	ug/L	1	0.37	1.2	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545834 MW-7A Collected: 12/02/09 Analyzed: 12/11/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.21	0.70	
1,2,3-Trichloropropane	ND	ug/L	1	0.34	1.1	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.19	0.64	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.19	0.65	
Vinyl chloride	ND	ug/L	1	0.17	0.57	
meta,para-Xylene	ND	ug/L	1	0.28	0.94	
MTBE	ND	ug/L	1	0.19	0.64	
Isopropyl Ether	ND	ug/L	1	0.16	0.52	
Dibromofluoromethane (SURR)	98.37%					S
Toluene-d8 (SURR)	116.93%					S
1-Bromo-4-Fluorobenzene (SURR)	96.95%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.
CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 13.8%
Chloromethane recovery 68.4%

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545835 MW-7B Collected: 12/02/09 Analyzed: 12/07/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.24	0.76	
Bromobenzene	ND	ug/L	1	0.18	0.59	
Bromochloromethane	ND	ug/L	1	0.15	0.48	
Bromodichloromethane	ND	ug/L	1	0.14	0.46	
Bromoform	ND	ug/L	1	0.15	0.50	
Bromomethane	ND	ug/L	1	0.48	1.6	CC
n-Butylbenzene	ND	ug/L	1	0.23	0.75	
sec-Butylbenzene	ND	ug/L	1	0.22	0.72	
tert-Butylbenzene	ND	ug/L	1	0.20	0.66	
Carbon Tetrachloride	ND	ug/L	1	0.15	0.51	
Chlorobenzene	ND	ug/L	1	0.19	0.64	
Chloroethane	ND	ug/L	1	1.1	3.6	
Chloroform	ND	ug/L	1	0.13	0.44	
Chloromethane	ND	ug/L	1	0.23	0.73	
2-Chlorotoluene	ND	ug/L	1	0.19	0.63	
4-Chlorotoluene	ND	ug/L	1	0.17	0.57	
Dibromochloromethane	ND	ug/L	1	0.15	0.48	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.71	
1,2-Dibromoethane	ND	ug/L	1	0.17	0.57	
Dibromomethane	ND	ug/L	1	0.19	0.62	
1,2-Dichlorobenzene	ND	ug/L	1	0.16	0.53	
1,3-Dichlorobenzene	ND	ug/L	1	0.15	0.52	
1,4-Dichlorobenzene	ND	ug/L	1	0.30	0.99	
Dichlorodifluoromethane	ND	ug/L	1	0.25	0.83	
1,1-Dichloroethane	ND	ug/L	1	0.17	0.57	
1,2-Dichloroethane	ND	ug/L	1	0.15	0.51	
1,1-Dichloroethene	ND	ug/L	1	0.22	0.72	
cis-1,2-Dichloroethene	[0.49]	ug/L	1	0.16	0.54	
trans-1,2-Dichloroethene	ND	ug/L	1	0.21	0.68	
1,2-Dichloropropane	ND	ug/L	1	0.33	1.1	
1,3-Dichloropropane	ND	ug/L	1	0.16	0.53	
2,2-Dichloropropane	ND	ug/L	1	0.19	0.65	
1,1-Dichloropropene	ND	ug/L	1	0.12	0.40	
cis-1,3-Dichloropropene	ND	ug/L	1	0.20	0.67	
trans-1,3-Dichloropropene	ND	ug/L	1	0.15	0.48	
Ethylbenzene	ND	ug/L	1	0.15	0.51	
Hexachlorobutadiene	ND	ug/L	1	0.25	0.82	
Isopropylbenzene	ND	ug/L	1	0.18	0.59	
p-Isopropyltoluene	ND	ug/L	1	0.16	0.55	
Methylene chloride	ND	ug/L	1	0.22	0.79	
Naphthalene	ND	ug/L	1	0.32	1.1	
n-Propylbenzene	ND	ug/L	1	0.20	0.67	
ortho-Xylene	ND	ug/L	1	0.17	0.55	
Styrene	ND	ug/L	1	0.20	0.63	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.14	0.47	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.19	0.63	
Tetrachloroethene	11	ug/L	1	0.12	0.39	
Toluene	ND	ug/L	1	0.18	0.59	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.30	0.98	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.22	0.73	
1,1,1-Trichloroethane	ND	ug/L	1	0.13	0.42	
1,1,2-Trichloroethane	ND	ug/L	1	0.21	0.70	
Trichloroethene	[0.62]	ug/L	1	0.37	1.2	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545835 MW-7B Collected: 12/02/09 Analyzed: 12/07/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.21	0.70	
1,2,3-Trichloropropane	ND	ug/L	1	0.34	1.1	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.19	0.64	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.19	0.65	
Vinyl chloride	ND	ug/L	1	0.17	0.57	
meta,para-Xylene	ND	ug/L	1	0.28	0.94	
MTBE	ND	ug/L	1	0.19	0.64	
Isopropyl Ether	ND	ug/L	1	0.16	0.52	
Dibromofluoromethane (SURR)	103.13%					S
Toluene-d8 (SURR)	111.8%					S
1-Bromo-4-Fluorobenzene (SURR)	93.81%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 62.2%

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545836 TW-1 Collected: 12/02/09 Analyzed: 12/11/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	125	30	95	
Bromobenzene	ND	ug/L	125	22	74	
Bromochloromethane	ND	ug/L	125	19	60	
Bromodichloromethane	ND	ug/L	125	17	57	
Bromoform	ND	ug/L	125	19	62	
Bromomethane	ND	ug/L	125	60	200	CC
n-Butylbenzene	ND	ug/L	125	28	94	
sec-Butylbenzene	ND	ug/L	125	27	90	
tert-Butylbenzene	ND	ug/L	125	25	82	
Carbon Tetrachloride	ND	ug/L	125	19	64	
Chlorobenzene	ND	ug/L	125	24	80	
Chloroethane	ND	ug/L	125	140	450	
Chloroform	ND	ug/L	125	16	54	
Chloromethane	ND	ug/L	125	29	92	CC
2-Chlorotoluene	ND	ug/L	125	24	79	
4-Chlorotoluene	ND	ug/L	125	21	71	
Dibromochloromethane	ND	ug/L	125	18	61	
1,2-Dibromo-3-Chloropropane	ND	ug/L	125	27	89	
1,2-Dibromoethane	ND	ug/L	125	22	72	
Dibromomethane	ND	ug/L	125	23	78	
1,2-Dichlorobenzene	ND	ug/L	125	20	66	
1,3-Dichlorobenzene	ND	ug/L	125	19	64	
1,4-Dichlorobenzene	ND	ug/L	125	37	120	
Dichlorodifluoromethane	ND	ug/L	125	31	100	
1,1-Dichloroethane	ND	ug/L	125	21	71	
1,2-Dichloroethane	ND	ug/L	125	19	64	
1,1-Dichloroethene	ND	ug/L	125	27	90	
cis-1,2-Dichloroethene	1900	ug/L	500	81	270	
trans-1,2-Dichloroethene	89	ug/L	125	26	85	
1,2-Dichloropropane	ND	ug/L	125	41	140	
1,3-Dichloropropane	ND	ug/L	125	20	66	
2,2-Dichloropropane	ND	ug/L	125	24	81	
1,1-Dichloropropene	ND	ug/L	125	15	49	
cis-1,3-Dichloropropene	ND	ug/L	125	25	84	
trans-1,3-Dichloropropene	ND	ug/L	125	18	61	
Ethylbenzene	ND	ug/L	125	19	64	
Hexachlorobutadiene	ND	ug/L	125	31	100	
Isopropylbenzene	ND	ug/L	125	22	73	
p-Isopropyltoluene	89	ug/L	125	20	68	
Methylene chloride	ND	ug/L	125	27	99	
Naphthalene	ND	ug/L	125	40	140	
n-Propylbenzene	ND	ug/L	125	25	84	
ortho-Xylene	ND	ug/L	125	21	69	
Styrene	ND	ug/L	125	25	79	
1,1,1,2-Tetrachloroethane	ND	ug/L	125	18	59	
1,1,2,2-Tetrachloroethane	ND	ug/L	125	24	79	
Tetrachloroethene	ND	ug/L	125	15	49	
Toluene	ND	ug/L	125	22	74	
1,2,3-Trichlorobenzene	ND	ug/L	125	37	120	
1,2,4-Trichlorobenzene	ND	ug/L	125	27	92	
1,1,1-Trichloroethane	ND	ug/L	125	16	52	
1,1,2-Trichloroethane	ND	ug/L	125	26	87	
Trichloroethene	ND	ug/L	125	46	150	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545836 TW-1 Collected: 12/02/09 Analyzed: 12/11/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	125	26	88	
1,2,3-Trichloropropane	ND	ug/L	125	43	140	
1,2,4-Trimethylbenzene	ND	ug/L	125	24	79	
1,3,5-Trimethylbenzene	ND	ug/L	125	24	81	
Vinyl chloride	560	ug/L	125	21	71	
meta,para-Xylene	ND	ug/L	125	35	120	
MTBE	ND	ug/L	125	24	80	
Isopropyl Ether	ND	ug/L	125	19	65	
Dibromofluoromethane (SURR)	103.07%					S
Toluene-d8 (SURR)	110.52%					S
1-Bromo-4-Fluorobenzene (SURR)	103.36%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.
CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 13.8%
Chloromethane recovery 68.4%

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545837 TW-2 Collected: 12/02/09 Analyzed: 12/10/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	200	48	150	
Bromobenzene	ND	ug/L	200	36	120	
Bromochloromethane	ND	ug/L	200	30	96	
Bromodichloromethane	ND	ug/L	200	27	91	
Bromoform	ND	ug/L	200	30	100	
Bromomethane	ND	ug/L	200	97	320	CC
n-Butylbenzene	ND	ug/L	200	45	150	
sec-Butylbenzene	ND	ug/L	200	43	140	
tert-Butylbenzene	ND	ug/L	200	39	130	
Carbon Tetrachloride	ND	ug/L	200	31	100	
Chlorobenzene	ND	ug/L	200	38	130	
Chloroethane	ND	ug/L	200	230	730	
Chloroform	ND	ug/L	200	26	87	
Chloromethane	ND	ug/L	200	46	150	CC
2-Chlorotoluene	ND	ug/L	200	38	130	
4-Chlorotoluene	ND	ug/L	200	34	110	
Dibromochloromethane	ND	ug/L	200	29	97	
1,2-Dibromo-3-Chloropropane	ND	ug/L	200	43	140	
1,2-Dibromoethane	ND	ug/L	200	34	110	
Dibromomethane	ND	ug/L	200	37	120	
1,2-Dichlorobenzene	ND	ug/L	200	32	110	
1,3-Dichlorobenzene	ND	ug/L	200	31	100	
1,4-Dichlorobenzene	ND	ug/L	200	59	200	
Dichlorodifluoromethane	ND	ug/L	200	49	170	
1,1-Dichloroethane	ND	ug/L	200	34	110	
1,2-Dichloroethane	ND	ug/L	200	30	100	
1,1-Dichloroethene	ND	ug/L	200	43	140	
cis-1,2-Dichloroethene	4100	ug/L	500	81	270	
trans-1,2-Dichloroethene	[62]	ug/L	200	41	140	
1,2-Dichloropropane	ND	ug/L	200	65	220	
1,3-Dichloropropane	ND	ug/L	200	32	110	
2,2-Dichloropropane	ND	ug/L	200	39	130	
1,1-Dichloropropene	ND	ug/L	200	24	79	
cis-1,3-Dichloropropene	ND	ug/L	200	40	130	
trans-1,3-Dichloropropene	ND	ug/L	200	29	97	
Ethylbenzene	ND	ug/L	200	31	100	
Hexachlorobutadiene	ND	ug/L	200	49	160	
Isopropylbenzene	ND	ug/L	200	35	120	
p-Isopropyltoluene	ND	ug/L	200	33	110	
Methylene chloride	ND	ug/L	200	44	160	
Naphthalene	ND	ug/L	200	63	220	
n-Propylbenzene	ND	ug/L	200	40	130	
ortho-Xylene	ND	ug/L	200	33	110	
Styrene	ND	ug/L	200	40	130	
1,1,1,2-Tetrachloroethane	ND	ug/L	200	28	94	
1,1,2,2-Tetrachloroethane	ND	ug/L	200	38	130	
Tetrachloroethene	460	ug/L	200	24	78	
Toluene	ND	ug/L	200	36	120	
1,2,3-Trichlorobenzene	ND	ug/L	200	59	200	
1,2,4-Trichlorobenzene	ND	ug/L	200	44	150	
1,1,1-Trichloroethane	ND	ug/L	200	25	83	
1,1,2-Trichloroethane	ND	ug/L	200	42	140	
Trichloroethene	710	ug/L	200	74	250	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545837 TW-2 Collected: 12/02/09 Analyzed: 12/10/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	200	42	140	
1,2,3-Trichloropropane	ND	ug/L	200	68	230	
1,2,4-Trimethylbenzene	ND	ug/L	200	38	130	
1,3,5-Trimethylbenzene	ND	ug/L	200	39	130	
Vinyl chloride	520	ug/L	200	34	110	
meta,para-Xylene	ND	ug/L	200	56	190	
MTBE	ND	ug/L	200	38	130	
Isopropyl Ether	ND	ug/L	200	31	100	
Dibromofluoromethane (SURR)	103.07%					S
Toluene-d8 (SURR)	101.35%					S
1-Bromo-4-Fluorobenzene (SURR)	105.1%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 13.8%
Chloromethane recovery 68.4%

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545838 TW-3 Collected: 12/02/09 Analyzed: 12/10/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	20	4.8	15	
Bromobenzene	ND	ug/L	20	3.6	12	
Bromochloromethane	ND	ug/L	20	3.0	9.6	
Bromodichloromethane	ND	ug/L	20	2.7	9.1	
Bromoform	ND	ug/L	20	3.0	10	
Bromomethane	ND	ug/L	20	9.7	32	CC
n-Butylbenzene	ND	ug/L	20	4.5	15	
sec-Butylbenzene	ND	ug/L	20	4.3	14	
tert-Butylbenzene	ND	ug/L	20	3.9	13	
Carbon Tetrachloride	ND	ug/L	20	3.1	10	
Chlorobenzene	ND	ug/L	20	3.8	13	
Chloroethane	ND	ug/L	20	23	73	
Chloroform	ND	ug/L	20	2.6	8.7	
Chloromethane	ND	ug/L	20	4.6	15	CC
2-Chlorotoluene	ND	ug/L	20	3.8	13	
4-Chlorotoluene	ND	ug/L	20	3.4	11	
Dibromochloromethane	ND	ug/L	20	2.9	9.7	
1,2-Dibromo-3-Chloropropane	ND	ug/L	20	4.3	14	
1,2-Dibromoethane	ND	ug/L	20	3.4	11	
Dibromomethane	ND	ug/L	20	3.7	12	
1,2-Dichlorobenzene	ND	ug/L	20	3.2	11	
1,3-Dichlorobenzene	ND	ug/L	20	3.1	10	
1,4-Dichlorobenzene	ND	ug/L	20	5.9	20	
Dichlorodifluoromethane	ND	ug/L	20	4.9	17	
1,1-Dichloroethane	ND	ug/L	20	3.4	11	
1,2-Dichloroethane	ND	ug/L	20	3.0	10	
1,1-Dichloroethene	ND	ug/L	20	4.3	14	
cis-1,2-Dichloroethene	220	ug/L	20	3.2	11	
trans-1,2-Dichloroethene	ND	ug/L	20	4.1	14	
1,2-Dichloropropane	ND	ug/L	20	6.5	22	
1,3-Dichloropropane	ND	ug/L	20	3.2	11	
2,2-Dichloropropane	ND	ug/L	20	3.9	13	
1,1-Dichloropropene	ND	ug/L	20	2.4	7.9	
cis-1,3-Dichloropropene	ND	ug/L	20	4.0	13	
trans-1,3-Dichloropropene	ND	ug/L	20	2.9	9.7	
Ethylbenzene	ND	ug/L	20	3.1	10	
Hexachlorobutadiene	ND	ug/L	20	4.9	16	
Isopropylbenzene	ND	ug/L	20	3.5	12	
p-Isopropyltoluene	ND	ug/L	20	3.3	11	
Methylene chloride	ND	ug/L	20	4.4	16	
Naphthalene	ND	ug/L	20	6.3	22	
n-Propylbenzene	ND	ug/L	20	4.0	13	
ortho-Xylene	ND	ug/L	20	3.3	11	
Styrene	ND	ug/L	20	4.0	13	
1,1,1,2-Tetrachloroethane	ND	ug/L	20	2.8	9.4	
1,1,2,2-Tetrachloroethane	ND	ug/L	20	3.8	13	
Tetrachloroethene	590	ug/L	50	5.9	20	
Toluene	ND	ug/L	20	3.6	12	
1,2,3-Trichlorobenzene	ND	ug/L	20	5.9	20	
1,2,4-Trichlorobenzene	ND	ug/L	20	4.4	15	
1,1,1-Trichloroethane	ND	ug/L	20	2.5	8.3	
1,1,2-Trichloroethane	ND	ug/L	20	4.2	14	
Trichloroethene	130	ug/L	20	7.4	25	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545838 TW-3 Collected: 12/02/09 Analyzed: 12/10/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	20	4.2	14	
1,2,3-Trichloropropane	ND	ug/L	20	6.8	23	
1,2,4-Trimethylbenzene	ND	ug/L	20	3.8	13	
1,3,5-Trimethylbenzene	ND	ug/L	20	3.9	13	
Vinyl chloride	ND	ug/L	20	3.4	11	
meta,para-Xylene	ND	ug/L	20	5.6	19	
MTBE	ND	ug/L	20	3.8	13	
Isopropyl Ether	ND	ug/L	20	3.1	10	
Dibromofluoromethane (SURR)	102.09%					S
Toluene-d8 (SURR)	113.01%					S
1-Bromo-4-Fluorobenzene (SURR)	97.38%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.
CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 37.1%
Chloromethane recovery 68.4%

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545839 Trip Blank Collected: 12/02/09 Analyzed: 12/10/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.24	0.76	
Bromobenzene	ND	ug/L	1	0.18	0.59	
Bromochloromethane	ND	ug/L	1	0.15	0.48	
Bromodichloromethane	ND	ug/L	1	0.14	0.46	
Bromoform	ND	ug/L	1	0.15	0.50	
Bromomethane	ND	ug/L	1	0.48	1.6	CC
n-Butylbenzene	ND	ug/L	1	0.23	0.75	
sec-Butylbenzene	ND	ug/L	1	0.22	0.72	
tert-Butylbenzene	ND	ug/L	1	0.20	0.66	
Carbon Tetrachloride	ND	ug/L	1	0.15	0.51	
Chlorobenzene	ND	ug/L	1	0.19	0.64	
Chloroethane	ND	ug/L	1	1.1	3.6	
Chloroform	ND	ug/L	1	0.13	0.44	
Chloromethane	ND	ug/L	1	0.23	0.73	CC
2-Chlorotoluene	ND	ug/L	1	0.19	0.63	
4-Chlorotoluene	ND	ug/L	1	0.17	0.57	
Dibromochloromethane	ND	ug/L	1	0.15	0.48	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.71	
1,2-Dibromoethane	ND	ug/L	1	0.17	0.57	
Dibromomethane	ND	ug/L	1	0.19	0.62	
1,2-Dichlorobenzene	ND	ug/L	1	0.16	0.53	
1,3-Dichlorobenzene	ND	ug/L	1	0.15	0.52	
1,4-Dichlorobenzene	ND	ug/L	1	0.30	0.99	
Dichlorodifluoromethane	ND	ug/L	1	0.25	0.83	
1,1-Dichloroethane	ND	ug/L	1	0.17	0.57	
1,2-Dichloroethane	ND	ug/L	1	0.15	0.51	
1,1-Dichloroethene	ND	ug/L	1	0.22	0.72	
cis-1,2-Dichloroethene	ND	ug/L	1	0.16	0.54	
trans-1,2-Dichloroethene	ND	ug/L	1	0.21	0.68	
1,2-Dichloropropane	ND	ug/L	1	0.33	1.1	
1,3-Dichloropropane	ND	ug/L	1	0.16	0.53	
2,2-Dichloropropane	ND	ug/L	1	0.19	0.65	
1,1-Dichloropropene	ND	ug/L	1	0.12	0.40	
cis-1,3-Dichloropropene	ND	ug/L	1	0.20	0.67	
trans-1,3-Dichloropropene	ND	ug/L	1	0.15	0.48	
Ethylbenzene	ND	ug/L	1	0.15	0.51	
Hexachlorobutadiene	ND	ug/L	1	0.25	0.82	
Isopropylbenzene	ND	ug/L	1	0.18	0.59	
p-Isopropyltoluene	ND	ug/L	1	0.16	0.55	
Methylene chloride	ND	ug/L	1	0.22	0.79	
Naphthalene	ND	ug/L	1	0.32	1.1	
n-Propylbenzene	ND	ug/L	1	0.20	0.67	
ortho-Xylene	ND	ug/L	1	0.17	0.55	
Styrene	ND	ug/L	1	0.20	0.63	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.14	0.47	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.19	0.63	
Tetrachloroethene	ND	ug/L	1	0.12	0.39	
Toluene	ND	ug/L	1	0.18	0.59	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.30	0.98	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.22	0.73	
1,1,1-Trichloroethane	ND	ug/L	1	0.13	0.42	
1,1,2-Trichloroethane	ND	ug/L	1	0.21	0.70	
Trichloroethene	ND	ug/L	1	0.37	1.2	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 139420
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 12/16/2009 15:26

Sample: 545839 Trip Blank Collected: 12/02/09 Analyzed: 12/10/09 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.21	0.70	
1,2,3-Trichloropropane	ND	ug/L	1	0.34	1.1	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.19	0.64	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.19	0.65	
Vinyl chloride	ND	ug/L	1	0.17	0.57	
meta,para-Xylene	ND	ug/L	1	0.28	0.94	
MTBE	ND	ug/L	1	0.19	0.64	
Isopropyl Ether	ND	ug/L	1	0.16	0.52	
Dibromofluoromethane (SURR)	96.06%					S
Toluene-d8 (SURR)	110.94%					S
1-Bromo-4-Fluorobenzene (SURR)	90%					S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.
CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 40.8%
Chloromethane recovery 65.8%

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue • Crandon, WI 54520-1298
Tel: (715) 478-2777 • Fax: (715) 478-3060
Wisconsin Lab Cert. No. 721026460
WI DATCP 105-000330

1 of 2

NO. 119864

CLIENT	New Fields
ADDRESS	2110 Crumm Ln Ste 101
CITY / STATE / ZIP	Madison / WI / 53713
PROJECT DESCRIPTION / NO.	DB Oak 10451-003-800
QUOTATION NO.	
DNR FID #	
DNR LICENSE #	
CONTACT	Mark McCulloch
PHONE	608-442-5223
PURCHASE ORDER NO.	
FAX	608-442-9013

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
DW = drinking water
TIS = tissue
AIR = air
SOIL = soil
SED = sediment
PROD = product
SL = sludge
OTHER

USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered.
Indicate G or C if WW Sample is Grab or Composite.

ANALYZE PER ORDER OF ANALYSIS

ITEM NO.	NLS LAB NO.	SAMPLE ID	COLLECTION DATE	COLLECTION TIME	MATRIX (See above)		VOCs	Sulfate	Nitrate									COLLECTION REMARKS (i.e. DNR Well ID #)
							2-Y	2-G	2-G									
1.	545820	MW-2	12/2/09	0845	GW		X	X	X									
2.	821	MW-2A	"	0850	"		"	"	"									
3.	822	MW-2B	"	0900	"		"	"	"									
4.	823	IW-01	"	1140	"		"	"	"									
5.	824	MW-3	"	1245	"		"	"	"									
6.	825	MW-3A	"	1220	"		"	"	"									
7.	826	MW-3B	"	1200	"		"	"	"									
8.	827	MW-3C	"	1330	"		"	"	"									
9.	828	Dup-1	"		"		"	"	"									
10.	829	Dup-2	"		"		"	"	"									

COLLECTED BY (signature)	CUSTODY SEAL NO. (IF ANY)	DATE/TIME
RELINQUISHED BY (signature)	RECEIVED BY (signature)	DATE/TIME
DISPATCHED BY (signature)	METHOD OF TRANSPORT: Dunham Express	DATE/TIME

RECEIVED AT NLS BY (signature)	DATE/TIME 12/3/09 9:45	CONDITION	TEMP.
COOLER # 34-79	REMARKS & OTHER INFORMATION		
WDNR FACILITY NUMBER	E-MAIL ADDRESS		

REPORT TO: Mark McCulloch

INVOICE TO: Same

PRESERVATIVE:
NP = no preservative
S = sulfuric acid
N = nitric acid
Z = zinc acetate
M = methanol
OH = sodium hydroxide
HA = hydrochloric & ascorbic acid
H = hydrochloric acid

IMPORTANT:
1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
2. PLEASE USE ONE LINE PER SAMPLE, **NOT** PER BOTTLE.
3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.
4. PARTIES COLLECTING SAMPLE, LISTED AS **REPORT TO** AND LISTED AS **INVOICE TO** AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

DUPLICATE COPY

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue • Crandon, WI 54520-1298
Tel: (715) 478-2777 • Fax: (715) 478-3060
Wisconsin Lab Cert. No. 721026460
WI DATCP 105-000330

2 of 2

CLIENT	Newfields
ADDRESS	2110 Luann Ln Ste 101
CITY	Madison STATE WI ZIP 53713
PROJECT DESCRIPTION / NO.	Dis Oak / 0451.003-800
QUOTATION NO.	
DNR FID #	DNR LICENSE #
CONTACT	Mark McCulloch
PHONE	608-442-5223
PURCHASE ORDER NO.	
FAX	608-442-9013

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
DW = drinking water
TIS = tissue
AIR = air
SOIL = soil
SED = sediment
PROD = product
SL = sludge
OTHER

NO. 119865

ITEM NO.	NLS LAB NO.	SAMPLE ID	COLLECTION DATE	COLLECTION TIME	MATRIX (See above)	ANALYZE PER ORDER OF ANALYSIS: VOCs	Sulfate	Nitrate									COLLECTION REMARKS (i.e. DNR Well ID #)
						USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered. Indicate G or C if WW Sample is Grab or Composite.											
						2G	2G	2C									
1.	830	MW-4	12/2/09	1015	GW	X	X	X									
2.	831	MW-4A		1010													
3.	832	MW-4B		1030													
4.	833	MW-5		0740													
5.	834	MW-7A		0735													
6.	835	MW-7B		0730													
7.	836	ONE TW-1		1155													
8.	837	TW-2		1205													
9.	838	TW-3		1210													
10.	839	Trip Blank															

COLLECTED BY (signature)	CUSTODY SEAL NO. (IF ANY)	DATE/TIME
RELINQUISHED BY (signature)	RECEIVED BY (signature)	DATE/TIME
DISPATCHED BY (signature)	METHOD OF TRANSPORT: Dunham Express	DATE/TIME

REPORT TO: Mark McCulloch

INVOICE TO: Same

RECEIVED AT NLS BY (signature)	DATE/TIME	CONDITION	TEMP.
COOLER #	REMARKS & OTHER INFORMATION		
	WDNR FACILITY NUMBER	E-MAIL ADDRESS	

PRESERVATIVE: NP = no preservative; S = sulfuric acid; N = nitric acid; Z = zinc acetate; M = methanol; OH = sodium hydroxide; HA = hydrochloric & ascorbic acid; H = hydrochloric acid

IMPORTANT

1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
2. PLEASE USE ONE LINE PER SAMPLE, **NOT** PER BOTTLE.
3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.
4. PARTIES COLLECTING SAMPLE, LISTED AS **REPORT TO** AND LISTED AS **INVOICE TO** AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

DUPLICATE COPY

Appendix C

Laboratory Reports
March 2010 Groundwater Samples

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

Client: NewFields Companies LLC
Attn: Mark S McColloch PG
2110 Luann Lane #101
Madison, WI 53713 3098

Project revised on: 04/07/2010 ** See note below ** NLS Project: 143024
NLS Customer: 93437
Fax: 608 442 9013 Phone: 608 442 5223

Project: DB Oak/0451-003-800

MW-1 NLS ID: 557027
COC: 122074:1 Matrix: GW
Collected: 03/23/10 08:40 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
VOCs (water) by EPA Method 8260B	see attached					03/26/10	SW846 8260	721026460

MW-5 NLS ID: 557028
COC: 122074:2 Matrix: GW
Collected: 03/23/10 08:30 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
VOCs (water) by EPA Method 8260B	see attached					03/26/10	SW846 8260	721026460

MW-6 NLS ID: 557029
COC: 122074:3 Matrix: GW
Collected: 03/23/10 08:50 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
VOCs (water) by EPA Method 8260B	see attached					03/26/10	SW846 8260	721026460

MW-6A NLS ID: 557030
COC: 122074:4 Matrix: GW
Collected: 03/23/10 09:00 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
VOCs (water) by EPA Method 8260B	see attached					03/26/10	SW846 8260	721026460

MW-7 NLS ID: 557031
COC: 122074:5 Matrix: GW
Collected: 03/23/10 12:45 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	0.27	mg/L	1	0.025	0.075	03/29/10	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	21	mg/L	20	5.0	10	03/30/10	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					03/26/10	SW846 8260	721026460

MW-7A NLS ID: 557032
COC: 122074:6 Matrix: GW
Collected: 03/23/10 12:50 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	2.5	mg/L	2	0.050	0.15	03/29/10	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	31	mg/L	10	2.5	5.0	03/26/10	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					03/26/10	SW846 8260	721026460

MW-7B NLS ID: 557033
COC: 122074:7 Matrix: GW
Collected: 03/23/10 13:00 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	ND	mg/L	1	0.025	0.075	03/29/10	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	68	mg/L	10	2.5	5.0	03/26/10	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					03/26/10	SW846 8260	721026460

MW-8 NLS ID: 557034
COC: 122074:8 Matrix: GW
Collected: 03/23/10 09:30 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
VOCs (water) by EPA Method 8260B	see attached					03/26/10	SW846 8260	721026460

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

Client: NewFields Companies LLC
Attn: Mark S McColloch PG
2110 Luann Lane #101
Madison, WI 53713 3098

Project revised on: 04/07/2010 ** See note below ** NLS Project: 143024
NLS Customer: 93437
Fax: 608 442 9013 Phone: 608 442 5223

Project: DB Oak/0451-003-800

MW-8A NLS ID: 557035
COC: 122074:9 Matrix: GW
Collected: 03/23/10 09:40 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
VOCs (water) by EPA Method 8260B	see attached					03/26/10	SW846 8260	721026460

MW-8B NLS ID: 557036
COC: 122074:10 Matrix: GW
Collected: 03/23/10 10:10 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
VOCs (water) by EPA Method 8260B	see attached					03/29/10	SW846 8260	721026460

IW-01 NLS ID: 557037
COC: 122075:1 Matrix: GW
Collected: 03/23/10 14:30 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	ND	mg/L	1	0.025	0.075	03/29/10	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	ND	mg/L	10	2.5	5.0	03/26/10	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					03/29/10	SW846 8260	721026460

Dup-1 NLS ID: 557038
COC: 122075:2 Matrix: GW
Collected: 03/23/10 00:00 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	2.5	mg/L	2	0.050	0.15	03/29/10	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	31	mg/L	10	2.5	5.0	03/26/10	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					03/30/10	SW846 8260	721026460

MW-2 NLS ID: 557039
COC: 122075:3 Matrix: GW
Collected: 03/24/10 07:40 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Sulfate, as SO4 (unfiltered)	44	mg/L	10	2.5	5.0	03/26/10	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					03/30/10	SW846 8260	721026460

MW-2A NLS ID: 557040
COC: 122075:4 Matrix: GW
Collected: 03/24/10 07:50 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	ND	mg/L	1	0.025	0.075	03/29/10	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	86	mg/L	10	2.5	5.0	03/26/10	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					03/30/10	SW846 8260	721026460

MW-2B NLS ID: 557041
COC: 122075:5 Matrix: GW
Collected: 03/24/10 07:30 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Sulfate, as SO4 (unfiltered)	65	mg/L	10	2.5	5.0	03/26/10	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					03/29/10	SW846 8260	721026460

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

Client: NewFields Companies LLC
Attn: Mark S McColloch PG
2110 Luann Lane #101
Madison, WI 53713 3098

Project revised on: 04/07/2010 ** See note below ** NLS Project: 143024
NLS Customer: 93437
Fax: 608 442 9013 Phone: 608 442 5223

Project: DB Oak/0451-003-800

MW-3 NLS ID: 557042
COC: 122075:6 Matrix: GW
Collected: 03/24/10 12:45 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	ND	mg/L	1	0.025	0.075	03/29/10	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	ND	mg/L	10	2.5	5.0	03/26/10	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					03/29/10	SW846 8260	721026460

MW-3A NLS ID: 557043
COC: 122075:7 Matrix: GW
Collected: 03/24/10 12:30 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	ND	mg/L	1	0.025	0.075	03/29/10	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	57	mg/L	10	2.5	5.0	03/26/10	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					03/29/10	SW846 8260	721026460

MW-3B NLS ID: 557044
COC: 122075:8 Matrix: GW
Collected: 03/24/10 12:00 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	ND	mg/L	1	0.025	0.075	03/29/10	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	66	mg/L	10	2.5	5.0	03/26/10	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					03/29/10	SW846 8260	721026460

MW-3C NLS ID: 557045
COC: 122075:9 Matrix: GW
Collected: 03/24/10 13:00 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	ND	mg/L	1	0.025	0.075	03/29/10	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	ND	mg/L	10	2.5	5.0	03/26/10	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					03/30/10	SW846 8260	721026460

MW-4 NLS ID: 557046
COC: 122075:10 Matrix: GW
Collected: 03/24/10 09:20 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	ND	mg/L	1	0.025	0.075	03/29/10	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	13	mg/L	10	2.5	5.0	03/26/10	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					03/31/10	SW846 8260	721026460

MW-4A NLS ID: 557047
COC: 122076:1 Matrix: GW
Collected: 03/24/10 09:10 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	ND	mg/L	1	0.025	0.075	03/29/10	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	51	mg/L	10	2.5	5.0	03/26/10	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					03/30/10	SW846 8260	721026460

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

Client: NewFields Companies LLC
Attn: Mark S McColloch PG
2110 Luann Lane #101
Madison, WI 53713 3098

Project revised on: 04/07/2010 ** See note below ** NLS Project: 143024
NLS Customer: 93437
Fax: 608 442 9013 Phone: 608 442 5223

Project: DB Oak/0451-003-800

MW-4B NLS ID: 557048
COC: 122076:2 Matrix: GW
Collected: 03/24/10 10:15 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Sulfate, as SO4 (unfiltered)	ND	mg/L	10	2.5	5.0	03/26/10	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					03/30/10	SW846 8260	721026460

TW-1 NLS ID: 557049
COC: 122076:3 Matrix: GW
Collected: 03/24/10 12:20 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	ND	mg/L	1	0.025	0.075	03/29/10	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	ND	mg/L	10	2.5	5.0	03/26/10	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					03/31/10	SW846 8260	721026460

TW-2 NLS ID: 557050
COC: 122076:4 Matrix: GW
Collected: 03/24/10 11:00 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	ND	mg/L	1	0.025	0.075	03/29/10	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	[4.3]	mg/L	10	2.5	5.0	03/26/10	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					03/30/10	SW846 8260	721026460

TW-3 NLS ID: 557051
COC: 122076:5 Matrix: GW
Collected: 03/24/10 12:10 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Nitrate as N, uncorr. for NO2 (unfilt)	ND	mg/L	1	0.025	0.075	03/29/10	EPA 353.2	721026460
Sulfate, as SO4 (unfiltered)	[3.6]	mg/L	10	2.5	5.0	03/26/10	SW846 9056	721026460
VOCs (water) by EPA Method 8260B	see attached					03/30/10	SW846 8260	721026460

Dup-2 NLS ID: 557052
COC: 122076:6 Matrix: GW
Collected: 03/24/10 00:00 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
VOCs (water) by EPA Method 8260B	see attached					03/31/10	SW846 8260	721026460

Trip Blank NLS ID: 557053
COC: 122076 Matrix: TB
Collected: 03/24/10 00:00 Received: 03/25/10

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
VOCs (water) by EPA Method 8260B	see attached					03/31/10	SW846 8260	721026460

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection LOQ = Limit of Quantitation ND = Not Detected (< LOD) 1000 ug/L = 1 mg/L
DWB = Dry Weight Basis NA = Not Applicable %DWB = (mg/kg DWB) / 10000
MCL = Maximum Contaminant Levels for Drinking Water Samples. Shaded results indicate >MCL.

Reviewed by:

Authorized by:
R. T. Krueger
President

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

Client: NewFields Companies LLC
Attn: Mark S McColloch PG
2110 Luann Lane #101
Madison, WI 53713 3098

Project: DB Oak/0451-003-800

Project revised on: 04/07/2010 ** See note below ** NLS Project: 143024
NLS Customer: 93437
Fax: 608 442 9013 Phone: 608 442 5223

Revision note: Trans-1,2-Dichloroethene result was corrected for sample #557039, #557040, #557042, and #557043.

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)

Customer: NewFields Companies LLC **NLS Project: 143024**

Project Description: DB Oak/0451-003-800

Project Title: **Template: SATW** **Printed: 04/15/2010 14:56**

Sample: 557027 MW-1 Collected: 03/23/10 Analyzed: 03/26/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.13	0.47	
Bromobenzene	ND	ug/L	1	0.12	0.42	
Bromochloromethane	ND	ug/L	1	0.13	0.48	
Bromodichloromethane	ND	ug/L	1	0.11	0.38	
Bromoform	ND	ug/L	1	0.19	0.66	
Bromomethane	ND	ug/L	1	0.35	1.2	CC
n-Butylbenzene	ND	ug/L	1	0.14	0.48	
sec-Butylbenzene	ND	ug/L	1	0.12	0.44	
tert-Butylbenzene	ND	ug/L	1	0.13	0.48	
Carbon Tetrachloride	ND	ug/L	1	0.13	0.44	
Chlorobenzene	ND	ug/L	1	0.10	0.37	
Chloroethane	ND	ug/L	1	0.67	2.4	
Chloroform	ND	ug/L	1	0.13	0.46	
Chloromethane	ND	ug/L	1	0.28	0.99	
2-Chlorotoluene	ND	ug/L	1	0.15	0.51	
4-Chlorotoluene	ND	ug/L	1	0.11	0.38	
Dibromochloromethane	ND	ug/L	1	0.11	0.39	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.74	
1,2-Dibromoethane	ND	ug/L	1	0.15	0.52	
Dibromomethane	ND	ug/L	1	0.19	0.66	
1,2-Dichlorobenzene	ND	ug/L	1	0.13	0.46	
1,3-Dichlorobenzene	ND	ug/L	1	0.14	0.50	
1,4-Dichlorobenzene	ND	ug/L	1	0.13	0.45	
Dichlorodifluoromethane	ND	ug/L	1	0.13	0.48	
1,1-Dichloroethane	ND	ug/L	1	0.16	0.58	
1,2-Dichloroethane	ND	ug/L	1	0.22	0.78	
1,1-Dichloroethene	ND	ug/L	1	0.15	0.54	
cis-1,2-Dichloroethene	ND	ug/L	1	0.12	0.42	
trans-1,2-Dichloroethene	ND	ug/L	1	0.13	0.44	
1,2-Dichloropropane	ND	ug/L	1	0.21	0.74	
1,3-Dichloropropane	ND	ug/L	1	0.21	0.74	
2,2-Dichloropropane	ND	ug/L	1	0.13	0.45	
1,1-Dichloropropene	ND	ug/L	1	0.11	0.37	
cis-1,3-Dichloropropene	ND	ug/L	1	0.13	0.45	
trans-1,3-Dichloropropene	ND	ug/L	1	0.13	0.46	
Ethylbenzene	ND	ug/L	1	0.12	0.42	
Hexachlorobutadiene	ND	ug/L	1	0.36	1.3	
Isopropylbenzene	ND	ug/L	1	0.10	0.37	
p-Isopropyltoluene	ND	ug/L	1	0.11	0.38	
Methylene chloride	ND	ug/L	1	0.27	0.95	
Naphthalene	ND	ug/L	1	0.31	1.1	
n-Propylbenzene	ND	ug/L	1	0.15	0.52	
ortho-Xylene	ND	ug/L	1	0.16	0.55	
Styrene	ND	ug/L	1	0.11	0.38	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.11	0.39	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.13	0.45	
Tetrachloroethene	ND	ug/L	1	0.18	0.64	
Toluene	ND	ug/L	1	0.16	0.55	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.23	0.78	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.30	1.1	
1,1,1-Trichloroethane	ND	ug/L	1	0.20	0.70	
1,1,2-Trichloroethane	ND	ug/L	1	0.17	0.58	
Trichloroethene	ND	ug/L	1	0.16	0.58	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557027 MW-1 Collected: 03/23/10 Analyzed: 03/26/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.11	0.38	
1,2,3-Trichloropropane	ND	ug/L	1	0.26	0.91	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.12	0.43	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.12	0.43	
Vinyl chloride	ND	ug/L	1	0.17	0.62	
meta,para-Xylene	ND	ug/L	1	0.22	0.78	
MTBE	ND	ug/L	1	0.13	0.45	
Isopropyl Ether	ND	ug/L	1	0.20	0.75	
Dibromofluoromethane (SURR)	120.5%					S
Toluene-d8 (SURR)	115.29%					S
1-Bromo-4-Fluorobenzene (SURR)	106.51%					S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.
CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 77.5%

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557028 MW-5 Collected: 03/23/10 Analyzed: 03/26/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.13	0.47	
Bromobenzene	ND	ug/L	1	0.12	0.42	
Bromochloromethane	ND	ug/L	1	0.13	0.48	
Bromodichloromethane	ND	ug/L	1	0.11	0.38	
Bromoform	ND	ug/L	1	0.19	0.66	
Bromomethane	ND	ug/L	1	0.35	1.2	CC
n-Butylbenzene	ND	ug/L	1	0.14	0.48	
sec-Butylbenzene	ND	ug/L	1	0.12	0.44	
tert-Butylbenzene	ND	ug/L	1	0.13	0.48	
Carbon Tetrachloride	ND	ug/L	1	0.13	0.44	
Chlorobenzene	ND	ug/L	1	0.10	0.37	
Chloroethane	ND	ug/L	1	0.67	2.4	
Chloroform	ND	ug/L	1	0.13	0.46	
Chloromethane	ND	ug/L	1	0.28	0.99	
2-Chlorotoluene	ND	ug/L	1	0.15	0.51	
4-Chlorotoluene	ND	ug/L	1	0.11	0.38	
Dibromochloromethane	ND	ug/L	1	0.11	0.39	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.74	
1,2-Dibromoethane	ND	ug/L	1	0.15	0.52	
Dibromomethane	ND	ug/L	1	0.19	0.66	
1,2-Dichlorobenzene	ND	ug/L	1	0.13	0.46	
1,3-Dichlorobenzene	ND	ug/L	1	0.14	0.50	
1,4-Dichlorobenzene	ND	ug/L	1	0.13	0.45	
Dichlorodifluoromethane	ND	ug/L	1	0.13	0.48	
1,1-Dichloroethane	ND	ug/L	1	0.16	0.58	
1,2-Dichloroethane	ND	ug/L	1	0.22	0.78	
1,1-Dichloroethene	ND	ug/L	1	0.15	0.54	
cis-1,2-Dichloroethene	ND	ug/L	1	0.12	0.42	
trans-1,2-Dichloroethene	ND	ug/L	1	0.13	0.44	
1,2-Dichloropropane	ND	ug/L	1	0.21	0.74	
1,3-Dichloropropane	ND	ug/L	1	0.21	0.74	
2,2-Dichloropropane	ND	ug/L	1	0.13	0.45	
1,1-Dichloropropene	ND	ug/L	1	0.11	0.37	
cis-1,3-Dichloropropene	ND	ug/L	1	0.13	0.45	
trans-1,3-Dichloropropene	ND	ug/L	1	0.13	0.46	
Ethylbenzene	ND	ug/L	1	0.12	0.42	
Hexachlorobutadiene	ND	ug/L	1	0.36	1.3	
Isopropylbenzene	ND	ug/L	1	0.10	0.37	
p-Isopropyltoluene	ND	ug/L	1	0.11	0.38	
Methylene chloride	ND	ug/L	1	0.27	0.95	
Naphthalene	ND	ug/L	1	0.31	1.1	
n-Propylbenzene	ND	ug/L	1	0.15	0.52	
ortho-Xylene	ND	ug/L	1	0.16	0.55	
Styrene	ND	ug/L	1	0.11	0.38	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.11	0.39	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.13	0.45	
Tetrachloroethene	ND	ug/L	1	0.18	0.64	
Toluene	ND	ug/L	1	0.16	0.55	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.23	0.78	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.30	1.1	
1,1,1-Trichloroethane	ND	ug/L	1	0.20	0.70	
1,1,2-Trichloroethane	ND	ug/L	1	0.17	0.58	
Trichloroethene	ND	ug/L	1	0.16	0.58	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557028 MW-5 Collected: 03/23/10 Analyzed: 03/26/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.11	0.38	
1,2,3-Trichloropropane	ND	ug/L	1	0.26	0.91	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.12	0.43	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.12	0.43	
Vinyl chloride	ND	ug/L	1	0.17	0.62	
meta,para-Xylene	ND	ug/L	1	0.22	0.78	
MTBE	ND	ug/L	1	0.13	0.45	
Isopropyl Ether	ND	ug/L	1	0.20	0.75	
Dibromofluoromethane (SURR)	117.39%					S
Toluene-d8 (SURR)	116.6%					S
1-Bromo-4-Fluorobenzene (SURR)	107.3%					S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.
CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 77.5%

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557029 MW-6 Collected: 03/23/10 Analyzed: 03/26/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.13	0.47	
Bromobenzene	ND	ug/L	1	0.12	0.42	
Bromochloromethane	ND	ug/L	1	0.13	0.48	
Bromodichloromethane	ND	ug/L	1	0.11	0.38	
Bromoform	ND	ug/L	1	0.19	0.66	
Bromomethane	ND	ug/L	1	0.35	1.2	CC
n-Butylbenzene	ND	ug/L	1	0.14	0.48	
sec-Butylbenzene	ND	ug/L	1	0.12	0.44	
tert-Butylbenzene	ND	ug/L	1	0.13	0.48	
Carbon Tetrachloride	ND	ug/L	1	0.13	0.44	
Chlorobenzene	ND	ug/L	1	0.10	0.37	
Chloroethane	ND	ug/L	1	0.67	2.4	
Chloroform	ND	ug/L	1	0.13	0.46	
Chloromethane	[0.29]	ug/L	1	0.28	0.99	CC
2-Chlorotoluene	ND	ug/L	1	0.15	0.51	
4-Chlorotoluene	ND	ug/L	1	0.11	0.38	
Dibromochloromethane	ND	ug/L	1	0.11	0.39	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.74	
1,2-Dibromoethane	ND	ug/L	1	0.15	0.52	
Dibromomethane	ND	ug/L	1	0.19	0.66	
1,2-Dichlorobenzene	ND	ug/L	1	0.13	0.46	
1,3-Dichlorobenzene	ND	ug/L	1	0.14	0.50	
1,4-Dichlorobenzene	ND	ug/L	1	0.13	0.45	
Dichlorodifluoromethane	ND	ug/L	1	0.13	0.48	
1,1-Dichloroethane	ND	ug/L	1	0.16	0.58	
1,2-Dichloroethane	ND	ug/L	1	0.22	0.78	
1,1-Dichloroethene	ND	ug/L	1	0.15	0.54	
cis-1,2-Dichloroethene	ND	ug/L	1	0.12	0.42	
trans-1,2-Dichloroethene	ND	ug/L	1	0.13	0.44	
1,2-Dichloropropane	ND	ug/L	1	0.21	0.74	
1,3-Dichloropropane	ND	ug/L	1	0.21	0.74	
2,2-Dichloropropane	ND	ug/L	1	0.13	0.45	
1,1-Dichloropropene	ND	ug/L	1	0.11	0.37	
cis-1,3-Dichloropropene	ND	ug/L	1	0.13	0.45	
trans-1,3-Dichloropropene	ND	ug/L	1	0.13	0.46	
Ethylbenzene	ND	ug/L	1	0.12	0.42	
Hexachlorobutadiene	ND	ug/L	1	0.36	1.3	
Isopropylbenzene	ND	ug/L	1	0.10	0.37	
p-Isopropyltoluene	ND	ug/L	1	0.11	0.38	
Methylene chloride	ND	ug/L	1	0.27	0.95	
Naphthalene	ND	ug/L	1	0.31	1.1	
n-Propylbenzene	ND	ug/L	1	0.15	0.52	
ortho-Xylene	ND	ug/L	1	0.16	0.55	
Styrene	ND	ug/L	1	0.11	0.38	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.11	0.39	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.13	0.45	
Tetrachloroethene	ND	ug/L	1	0.18	0.64	
Toluene	ND	ug/L	1	0.16	0.55	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.23	0.78	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.30	1.1	
1,1,1-Trichloroethane	ND	ug/L	1	0.20	0.70	
1,1,2-Trichloroethane	ND	ug/L	1	0.17	0.58	
Trichloroethene	ND	ug/L	1	0.16	0.58	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557029 MW-6 Collected: 03/23/10 Analyzed: 03/26/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.11	0.38	
1,2,3-Trichloropropane	ND	ug/L	1	0.26	0.91	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.12	0.43	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.12	0.43	
Vinyl chloride	ND	ug/L	1	0.17	0.62	
meta,para-Xylene	ND	ug/L	1	0.22	0.78	
MTBE	ND	ug/L	1	0.13	0.45	
Isopropyl Ether	ND	ug/L	1	0.20	0.75	
Dibromofluoromethane (SURR)	111.99%					S
Toluene-d8 (SURR)	116.17%					S
1-Bromo-4-Fluorobenzene (SURR)	103.96%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 77.5%
Chloromethane recovery 132%

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557030 MW-6A Collected: 03/23/10 Analyzed: 03/26/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.13	0.47	
Bromobenzene	ND	ug/L	1	0.12	0.42	
Bromochloromethane	ND	ug/L	1	0.13	0.48	
Bromodichloromethane	ND	ug/L	1	0.11	0.38	
Bromoform	ND	ug/L	1	0.19	0.66	
Bromomethane	ND	ug/L	1	0.35	1.2	CC
n-Butylbenzene	ND	ug/L	1	0.14	0.48	
sec-Butylbenzene	ND	ug/L	1	0.12	0.44	
tert-Butylbenzene	ND	ug/L	1	0.13	0.48	
Carbon Tetrachloride	ND	ug/L	1	0.13	0.44	
Chlorobenzene	ND	ug/L	1	0.10	0.37	
Chloroethane	ND	ug/L	1	0.67	2.4	
Chloroform	ND	ug/L	1	0.13	0.46	
Chloromethane	ND	ug/L	1	0.28	0.99	
2-Chlorotoluene	ND	ug/L	1	0.15	0.51	
4-Chlorotoluene	ND	ug/L	1	0.11	0.38	
Dibromochloromethane	ND	ug/L	1	0.11	0.39	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.74	
1,2-Dibromoethane	ND	ug/L	1	0.15	0.52	
Dibromomethane	ND	ug/L	1	0.19	0.66	
1,2-Dichlorobenzene	ND	ug/L	1	0.13	0.46	
1,3-Dichlorobenzene	ND	ug/L	1	0.14	0.50	
1,4-Dichlorobenzene	ND	ug/L	1	0.13	0.45	
Dichlorodifluoromethane	ND	ug/L	1	0.13	0.48	
1,1-Dichloroethane	ND	ug/L	1	0.16	0.58	
1,2-Dichloroethane	ND	ug/L	1	0.22	0.78	
1,1-Dichloroethene	ND	ug/L	1	0.15	0.54	
cis-1,2-Dichloroethene	ND	ug/L	1	0.12	0.42	
trans-1,2-Dichloroethene	ND	ug/L	1	0.13	0.44	
1,2-Dichloropropane	ND	ug/L	1	0.21	0.74	
1,3-Dichloropropane	ND	ug/L	1	0.21	0.74	
2,2-Dichloropropane	ND	ug/L	1	0.13	0.45	
1,1-Dichloropropene	ND	ug/L	1	0.11	0.37	
cis-1,3-Dichloropropene	ND	ug/L	1	0.13	0.45	
trans-1,3-Dichloropropene	ND	ug/L	1	0.13	0.46	
Ethylbenzene	ND	ug/L	1	0.12	0.42	
Hexachlorobutadiene	ND	ug/L	1	0.36	1.3	
Isopropylbenzene	ND	ug/L	1	0.10	0.37	
p-Isopropyltoluene	ND	ug/L	1	0.11	0.38	
Methylene chloride	ND	ug/L	1	0.27	0.95	
Naphthalene	ND	ug/L	1	0.31	1.1	
n-Propylbenzene	ND	ug/L	1	0.15	0.52	
ortho-Xylene	ND	ug/L	1	0.16	0.55	
Styrene	ND	ug/L	1	0.11	0.38	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.11	0.39	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.13	0.45	
Tetrachloroethene	ND	ug/L	1	0.18	0.64	
Toluene	ND	ug/L	1	0.16	0.55	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.23	0.78	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.30	1.1	
1,1,1-Trichloroethane	ND	ug/L	1	0.20	0.70	
1,1,2-Trichloroethane	ND	ug/L	1	0.17	0.58	
Trichloroethene	ND	ug/L	1	0.16	0.58	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557030 MW-6A Collected: 03/23/10 Analyzed: 03/26/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.11	0.38	
1,2,3-Trichloropropane	ND	ug/L	1	0.26	0.91	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.12	0.43	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.12	0.43	
Vinyl chloride	ND	ug/L	1	0.17	0.62	
meta,para-Xylene	ND	ug/L	1	0.22	0.78	
MTBE	ND	ug/L	1	0.13	0.45	
Isopropyl Ether	ND	ug/L	1	0.20	0.75	
Dibromofluoromethane (SURR)	112.07%					S
Toluene-d8 (SURR)	114.76%					S
1-Bromo-4-Fluorobenzene (SURR)	105.41%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 77.5%

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557031 MW-7 Collected: 03/23/10 Analyzed: 03/26/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.13	0.47	
Bromobenzene	ND	ug/L	1	0.12	0.42	
Bromochloromethane	ND	ug/L	1	0.13	0.48	
Bromodichloromethane	ND	ug/L	1	0.11	0.38	
Bromoform	ND	ug/L	1	0.19	0.66	
Bromomethane	ND	ug/L	1	0.35	1.2	CC
n-Butylbenzene	ND	ug/L	1	0.14	0.48	
sec-Butylbenzene	ND	ug/L	1	0.12	0.44	
tert-Butylbenzene	ND	ug/L	1	0.13	0.48	
Carbon Tetrachloride	ND	ug/L	1	0.13	0.44	
Chlorobenzene	ND	ug/L	1	0.10	0.37	
Chloroethane	ND	ug/L	1	0.67	2.4	
Chloroform	ND	ug/L	1	0.13	0.46	
Chloromethane	ND	ug/L	1	0.28	0.99	
2-Chlorotoluene	ND	ug/L	1	0.15	0.51	
4-Chlorotoluene	ND	ug/L	1	0.11	0.38	
Dibromochloromethane	ND	ug/L	1	0.11	0.39	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.74	
1,2-Dibromoethane	ND	ug/L	1	0.15	0.52	
Dibromomethane	ND	ug/L	1	0.19	0.66	
1,2-Dichlorobenzene	ND	ug/L	1	0.13	0.46	
1,3-Dichlorobenzene	ND	ug/L	1	0.14	0.50	
1,4-Dichlorobenzene	ND	ug/L	1	0.13	0.45	
Dichlorodifluoromethane	ND	ug/L	1	0.13	0.48	
1,1-Dichloroethane	ND	ug/L	1	0.16	0.58	
1,2-Dichloroethane	ND	ug/L	1	0.22	0.78	
1,1-Dichloroethene	ND	ug/L	1	0.15	0.54	
cis-1,2-Dichloroethene	ND	ug/L	1	0.12	0.42	
trans-1,2-Dichloroethene	ND	ug/L	1	0.13	0.44	
1,2-Dichloropropane	ND	ug/L	1	0.21	0.74	
1,3-Dichloropropane	ND	ug/L	1	0.21	0.74	
2,2-Dichloropropane	ND	ug/L	1	0.13	0.45	
1,1-Dichloropropene	ND	ug/L	1	0.11	0.37	
cis-1,3-Dichloropropene	ND	ug/L	1	0.13	0.45	
trans-1,3-Dichloropropene	ND	ug/L	1	0.13	0.46	
Ethylbenzene	ND	ug/L	1	0.12	0.42	
Hexachlorobutadiene	ND	ug/L	1	0.36	1.3	
Isopropylbenzene	ND	ug/L	1	0.10	0.37	
p-Isopropyltoluene	ND	ug/L	1	0.11	0.38	
Methylene chloride	ND	ug/L	1	0.27	0.95	
Naphthalene	ND	ug/L	1	0.31	1.1	
n-Propylbenzene	ND	ug/L	1	0.15	0.52	
ortho-Xylene	ND	ug/L	1	0.16	0.55	
Styrene	ND	ug/L	1	0.11	0.38	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.11	0.39	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.13	0.45	
Tetrachloroethene	[0.32]	ug/L	1	0.18	0.64	
Toluene	ND	ug/L	1	0.16	0.55	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.23	0.78	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.30	1.1	
1,1,1-Trichloroethane	ND	ug/L	1	0.20	0.70	
1,1,2-Trichloroethane	ND	ug/L	1	0.17	0.58	
Trichloroethene	ND	ug/L	1	0.16	0.58	

Sample: 557031 MW-7 Collected: 03/23/10 Analyzed: 03/26/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.11	0.38	
1,2,3-Trichloropropane	ND	ug/L	1	0.26	0.91	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.12	0.43	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.12	0.43	
Vinyl chloride	ND	ug/L	1	0.17	0.62	
meta,para-Xylene	ND	ug/L	1	0.22	0.78	
MTBE	ND	ug/L	1	0.13	0.45	
Isopropyl Ether	ND	ug/L	1	0.20	0.75	
Dibromofluoromethane (SURR)	105.37%					S
Toluene-d8 (SURR)	114.58%					S
1-Bromo-4-Fluorobenzene (SURR)	104.91%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 77.5%

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557032 MW-7A Collected: 03/23/10 Analyzed: 03/26/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	5	0.66	2.3	
Bromobenzene	ND	ug/L	5	0.60	2.1	
Bromochloromethane	ND	ug/L	5	0.67	2.4	
Bromodichloromethane	ND	ug/L	5	0.54	1.9	
Bromoform	ND	ug/L	5	0.93	3.3	
Bromomethane	ND	ug/L	5	1.7	6.2	CC
n-Butylbenzene	ND	ug/L	5	0.68	2.4	
sec-Butylbenzene	ND	ug/L	5	0.62	2.2	
tert-Butylbenzene	ND	ug/L	5	0.67	2.4	
Carbon Tetrachloride	ND	ug/L	5	0.63	2.2	
Chlorobenzene	ND	ug/L	5	0.52	1.8	
Chloroethane	ND	ug/L	5	3.4	12	
Chloroform	ND	ug/L	5	0.65	2.3	
Chloromethane	ND	ug/L	5	1.4	4.9	
2-Chlorotoluene	ND	ug/L	5	0.73	2.6	
4-Chlorotoluene	ND	ug/L	5	0.54	1.9	
Dibromochloromethane	ND	ug/L	5	0.56	2.0	
1,2-Dibromo-3-Chloropropane	ND	ug/L	5	1.1	3.7	
1,2-Dibromoethane	ND	ug/L	5	0.74	2.6	
Dibromomethane	ND	ug/L	5	0.94	3.3	
1,2-Dichlorobenzene	ND	ug/L	5	0.65	2.3	
1,3-Dichlorobenzene	ND	ug/L	5	0.71	2.5	
1,4-Dichlorobenzene	ND	ug/L	5	0.64	2.3	
Dichlorodifluoromethane	ND	ug/L	5	0.67	2.4	
1,1-Dichloroethane	ND	ug/L	5	0.82	2.9	
1,2-Dichloroethane	ND	ug/L	5	1.1	3.9	
1,1-Dichloroethene	ND	ug/L	5	0.76	2.7	
cis-1,2-Dichloroethene	5.0	ug/L	5	0.60	2.1	
trans-1,2-Dichloroethene	ND	ug/L	5	0.63	2.2	
1,2-Dichloropropane	ND	ug/L	5	1.0	3.7	
1,3-Dichloropropane	ND	ug/L	5	1.0	3.7	
2,2-Dichloropropane	ND	ug/L	5	0.64	2.3	
1,1-Dichloropropene	ND	ug/L	5	0.54	1.9	
cis-1,3-Dichloropropene	ND	ug/L	5	0.64	2.3	
trans-1,3-Dichloropropene	ND	ug/L	5	0.65	2.3	
Ethylbenzene	ND	ug/L	5	0.60	2.1	
Hexachlorobutadiene	ND	ug/L	5	1.8	6.4	
Isopropylbenzene	ND	ug/L	5	0.51	1.9	
p-Isopropyltoluene	ND	ug/L	5	0.54	1.9	
Methylene chloride	ND	ug/L	5	1.3	4.7	
Naphthalene	ND	ug/L	5	1.5	5.4	
n-Propylbenzene	ND	ug/L	5	0.73	2.6	
ortho-Xylene	ND	ug/L	5	0.78	2.8	
Styrene	ND	ug/L	5	0.55	1.9	
1,1,1,2-Tetrachloroethane	ND	ug/L	5	0.56	2.0	
1,1,2,2-Tetrachloroethane	ND	ug/L	5	0.64	2.3	
Tetrachloroethene	92	ug/L	5	0.90	3.2	
Toluene	ND	ug/L	5	0.78	2.8	
1,2,3-Trichlorobenzene	ND	ug/L	5	1.1	3.9	
1,2,4-Trichlorobenzene	ND	ug/L	5	1.5	5.4	
1,1,1-Trichloroethane	ND	ug/L	5	0.98	3.5	
1,1,2-Trichloroethane	ND	ug/L	5	0.83	2.9	
Trichloroethene	6.4	ug/L	5	0.82	2.9	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557032 MW-7A Collected: 03/23/10 Analyzed: 03/26/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	5	0.54	1.9	
1,2,3-Trichloropropane	ND	ug/L	5	1.3	4.6	
1,2,4-Trimethylbenzene	ND	ug/L	5	0.60	2.1	
1,3,5-Trimethylbenzene	ND	ug/L	5	0.61	2.1	
Vinyl chloride	ND	ug/L	5	0.87	3.1	
meta,para-Xylene	ND	ug/L	5	1.1	3.9	
MTBE	ND	ug/L	5	0.64	2.3	
Isopropyl Ether	ND	ug/L	5	1.0	3.7	
Dibromofluoromethane (SURR)	107.8%					S
Toluene-d8 (SURR)	116.63%					S
1-Bromo-4-Fluorobenzene (SURR)	106.09%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.
CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 77.5%

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557033 MW-7B Collected: 03/23/10 Analyzed: 03/26/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.13	0.47	
Bromobenzene	ND	ug/L	1	0.12	0.42	
Bromochloromethane	ND	ug/L	1	0.13	0.48	
Bromodichloromethane	ND	ug/L	1	0.11	0.38	
Bromoform	ND	ug/L	1	0.19	0.66	
Bromomethane	ND	ug/L	1	0.35	1.2	CC
n-Butylbenzene	ND	ug/L	1	0.14	0.48	
sec-Butylbenzene	ND	ug/L	1	0.12	0.44	
tert-Butylbenzene	ND	ug/L	1	0.13	0.48	
Carbon Tetrachloride	ND	ug/L	1	0.13	0.44	
Chlorobenzene	ND	ug/L	1	0.10	0.37	
Chloroethane	ND	ug/L	1	0.67	2.4	
Chloroform	ND	ug/L	1	0.13	0.46	
Chloromethane	ND	ug/L	1	0.28	0.99	
2-Chlorotoluene	ND	ug/L	1	0.15	0.51	
4-Chlorotoluene	ND	ug/L	1	0.11	0.38	
Dibromochloromethane	ND	ug/L	1	0.11	0.39	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.74	
1,2-Dibromoethane	ND	ug/L	1	0.15	0.52	
Dibromomethane	ND	ug/L	1	0.19	0.66	
1,2-Dichlorobenzene	ND	ug/L	1	0.13	0.46	
1,3-Dichlorobenzene	ND	ug/L	1	0.14	0.50	
1,4-Dichlorobenzene	ND	ug/L	1	0.13	0.45	
Dichlorodifluoromethane	ND	ug/L	1	0.13	0.48	
1,1-Dichloroethane	ND	ug/L	1	0.16	0.58	
1,2-Dichloroethane	ND	ug/L	1	0.22	0.78	
1,1-Dichloroethene	ND	ug/L	1	0.15	0.54	
cis-1,2-Dichloroethene	[0.20]	ug/L	1	0.12	0.42	
trans-1,2-Dichloroethene	ND	ug/L	1	0.13	0.44	
1,2-Dichloropropane	ND	ug/L	1	0.21	0.74	
1,3-Dichloropropane	ND	ug/L	1	0.21	0.74	
2,2-Dichloropropane	ND	ug/L	1	0.13	0.45	
1,1-Dichloropropene	ND	ug/L	1	0.11	0.37	
cis-1,3-Dichloropropene	ND	ug/L	1	0.13	0.45	
trans-1,3-Dichloropropene	ND	ug/L	1	0.13	0.46	
Ethylbenzene	ND	ug/L	1	0.12	0.42	
Hexachlorobutadiene	ND	ug/L	1	0.36	1.3	
Isopropylbenzene	ND	ug/L	1	0.10	0.37	
p-Isopropyltoluene	ND	ug/L	1	0.11	0.38	
Methylene chloride	ND	ug/L	1	0.27	0.95	
Naphthalene	ND	ug/L	1	0.31	1.1	
n-Propylbenzene	ND	ug/L	1	0.15	0.52	
ortho-Xylene	ND	ug/L	1	0.16	0.55	
Styrene	ND	ug/L	1	0.11	0.38	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.11	0.39	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.13	0.45	
Tetrachloroethene	8.6	ug/L	1	0.18	0.64	
Toluene	ND	ug/L	1	0.16	0.55	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.23	0.78	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.30	1.1	
1,1,1-Trichloroethane	ND	ug/L	1	0.20	0.70	
1,1,2-Trichloroethane	ND	ug/L	1	0.17	0.58	
Trichloroethene	0.62	ug/L	1	0.16	0.58	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557033 MW-7B Collected: 03/23/10 Analyzed: 03/26/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.11	0.38	
1,2,3-Trichloropropane	ND	ug/L	1	0.26	0.91	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.12	0.43	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.12	0.43	
Vinyl chloride	ND	ug/L	1	0.17	0.62	
meta,para-Xylene	ND	ug/L	1	0.22	0.78	
MTBE	ND	ug/L	1	0.13	0.45	
Isopropyl Ether	ND	ug/L	1	0.20	0.75	
Dibromofluoromethane (SURR)	109.23%					S
Toluene-d8 (SURR)	115.11%					S
1-Bromo-4-Fluorobenzene (SURR)	106.11%					S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.
CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 77.5%

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557034 MW-8 Collected: 03/23/10 Analyzed: 03/26/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.13	0.47	
Bromobenzene	ND	ug/L	1	0.12	0.42	
Bromochloromethane	ND	ug/L	1	0.13	0.48	
Bromodichloromethane	ND	ug/L	1	0.11	0.38	
Bromoform	ND	ug/L	1	0.19	0.66	
Bromomethane	ND	ug/L	1	0.35	1.2	CC
n-Butylbenzene	[0.16]	ug/L	1	0.14	0.48	CC
sec-Butylbenzene	[0.14]	ug/L	1	0.12	0.44	CC
tert-Butylbenzene	[0.14]	ug/L	1	0.13	0.48	
Carbon Tetrachloride	ND	ug/L	1	0.13	0.44	
Chlorobenzene	ND	ug/L	1	0.10	0.37	
Chloroethane	ND	ug/L	1	0.67	2.4	
Chloroform	ND	ug/L	1	0.13	0.46	
Chloromethane	ND	ug/L	1	0.28	0.99	
2-Chlorotoluene	ND	ug/L	1	0.15	0.51	
4-Chlorotoluene	ND	ug/L	1	0.11	0.38	
Dibromochloromethane	ND	ug/L	1	0.11	0.39	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.74	
1,2-Dibromoethane	ND	ug/L	1	0.15	0.52	
Dibromomethane	ND	ug/L	1	0.19	0.66	
1,2-Dichlorobenzene	ND	ug/L	1	0.13	0.46	
1,3-Dichlorobenzene	ND	ug/L	1	0.14	0.50	
1,4-Dichlorobenzene	ND	ug/L	1	0.13	0.45	
Dichlorodifluoromethane	ND	ug/L	1	0.13	0.48	
1,1-Dichloroethane	ND	ug/L	1	0.16	0.58	
1,2-Dichloroethane	ND	ug/L	1	0.22	0.78	
1,1-Dichloroethene	ND	ug/L	1	0.15	0.54	
cis-1,2-Dichloroethene	ND	ug/L	1	0.12	0.42	
trans-1,2-Dichloroethene	ND	ug/L	1	0.13	0.44	
1,2-Dichloropropane	ND	ug/L	1	0.21	0.74	
1,3-Dichloropropane	ND	ug/L	1	0.21	0.74	
2,2-Dichloropropane	ND	ug/L	1	0.13	0.45	
1,1-Dichloropropene	ND	ug/L	1	0.11	0.37	
cis-1,3-Dichloropropene	ND	ug/L	1	0.13	0.45	
trans-1,3-Dichloropropene	ND	ug/L	1	0.13	0.46	
Ethylbenzene	ND	ug/L	1	0.12	0.42	
Hexachlorobutadiene	ND	ug/L	1	0.36	1.3	
Isopropylbenzene	[0.12]	ug/L	1	0.10	0.37	
p-Isopropyltoluene	[0.15]	ug/L	1	0.11	0.38	
Methylene chloride	ND	ug/L	1	0.27	0.95	
Naphthalene	ND	ug/L	1	0.31	1.1	
n-Propylbenzene	ND	ug/L	1	0.15	0.52	
ortho-Xylene	ND	ug/L	1	0.16	0.55	
Styrene	ND	ug/L	1	0.11	0.38	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.11	0.39	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.13	0.45	
Tetrachloroethene	[0.22]	ug/L	1	0.18	0.64	
Toluene	ND	ug/L	1	0.16	0.55	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.23	0.78	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.30	1.1	
1,1,1-Trichloroethane	ND	ug/L	1	0.20	0.70	
1,1,2-Trichloroethane	ND	ug/L	1	0.17	0.58	
Trichloroethene	ND	ug/L	1	0.16	0.58	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557034 MW-8 Collected: 03/23/10 Analyzed: 03/26/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.11	0.38	
1,2,3-Trichloropropane	ND	ug/L	1	0.26	0.91	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.12	0.43	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.12	0.43	
Vinyl chloride	ND	ug/L	1	0.17	0.62	
meta,para-Xylene	ND	ug/L	1	0.22	0.78	
MTBE	ND	ug/L	1	0.13	0.45	
Isopropyl Ether	ND	ug/L	1	0.20	0.75	
Dibromofluoromethane (SURR)	109.67%					S
Toluene-d8 (SURR)	117.91%					S
1-Bromo-4-Fluorobenzene (SURR)	112.14%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 77.5%
n-Butylbenzene recovery 133%
sec-Butylbenzene recovery 121%

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557035 MW-8A Collected: 03/23/10 Analyzed: 03/26/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.13	0.47	
Bromobenzene	ND	ug/L	1	0.12	0.42	
Bromochloromethane	ND	ug/L	1	0.13	0.48	
Bromodichloromethane	ND	ug/L	1	0.11	0.38	
Bromoform	ND	ug/L	1	0.19	0.66	
Bromomethane	ND	ug/L	1	0.35	1.2	CC
n-Butylbenzene	ND	ug/L	1	0.14	0.48	
sec-Butylbenzene	ND	ug/L	1	0.12	0.44	
tert-Butylbenzene	ND	ug/L	1	0.13	0.48	
Carbon Tetrachloride	ND	ug/L	1	0.13	0.44	
Chlorobenzene	ND	ug/L	1	0.10	0.37	
Chloroethane	ND	ug/L	1	0.67	2.4	
Chloroform	ND	ug/L	1	0.13	0.46	
Chloromethane	ND	ug/L	1	0.28	0.99	
2-Chlorotoluene	ND	ug/L	1	0.15	0.51	
4-Chlorotoluene	ND	ug/L	1	0.11	0.38	
Dibromochloromethane	ND	ug/L	1	0.11	0.39	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.74	
1,2-Dibromoethane	ND	ug/L	1	0.15	0.52	
Dibromomethane	ND	ug/L	1	0.19	0.66	
1,2-Dichlorobenzene	ND	ug/L	1	0.13	0.46	
1,3-Dichlorobenzene	ND	ug/L	1	0.14	0.50	
1,4-Dichlorobenzene	ND	ug/L	1	0.13	0.45	
Dichlorodifluoromethane	ND	ug/L	1	0.13	0.48	
1,1-Dichloroethane	ND	ug/L	1	0.16	0.58	
1,2-Dichloroethane	ND	ug/L	1	0.22	0.78	
1,1-Dichloroethene	ND	ug/L	1	0.15	0.54	
cis-1,2-Dichloroethene	ND	ug/L	1	0.12	0.42	
trans-1,2-Dichloroethene	ND	ug/L	1	0.13	0.44	
1,2-Dichloropropane	ND	ug/L	1	0.21	0.74	
1,3-Dichloropropane	ND	ug/L	1	0.21	0.74	
2,2-Dichloropropane	ND	ug/L	1	0.13	0.45	
1,1-Dichloropropene	ND	ug/L	1	0.11	0.37	
cis-1,3-Dichloropropene	ND	ug/L	1	0.13	0.45	
trans-1,3-Dichloropropene	ND	ug/L	1	0.13	0.46	
Ethylbenzene	ND	ug/L	1	0.12	0.42	
Hexachlorobutadiene	ND	ug/L	1	0.36	1.3	
Isopropylbenzene	ND	ug/L	1	0.10	0.37	
p-Isopropyltoluene	ND	ug/L	1	0.11	0.38	
Methylene chloride	ND	ug/L	1	0.27	0.95	
Naphthalene	ND	ug/L	1	0.31	1.1	
n-Propylbenzene	ND	ug/L	1	0.15	0.52	
ortho-Xylene	ND	ug/L	1	0.16	0.55	
Styrene	ND	ug/L	1	0.11	0.38	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.11	0.39	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.13	0.45	
Tetrachloroethene	1.1	ug/L	1	0.18	0.64	
Toluene	ND	ug/L	1	0.16	0.55	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.23	0.78	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.30	1.1	
1,1,1-Trichloroethane	ND	ug/L	1	0.20	0.70	
1,1,2-Trichloroethane	ND	ug/L	1	0.17	0.58	
Trichloroethene	ND	ug/L	1	0.16	0.58	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557035 MW-8A Collected: 03/23/10 Analyzed: 03/26/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.11	0.38	
1,2,3-Trichloropropane	ND	ug/L	1	0.26	0.91	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.12	0.43	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.12	0.43	
Vinyl chloride	ND	ug/L	1	0.17	0.62	
meta,para-Xylene	ND	ug/L	1	0.22	0.78	
MTBE	ND	ug/L	1	0.13	0.45	
Isopropyl Ether	ND	ug/L	1	0.20	0.75	
Dibromofluoromethane (SURR)	107.36%					S
Toluene-d8 (SURR)	115.74%					S
1-Bromo-4-Fluorobenzene (SURR)	117.88%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 77.5%

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)

Customer: NewFields Companies LLC **NLS Project: 143024**

Project Description: DB Oak/0451-003-800

Project Title: **Template: SATW** **Printed: 04/15/2010 14:56**

Sample: 557039 MW-2 Collected: 03/24/10 Analyzed: 03/29/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	40	5.2	19	
Bromobenzene	ND	ug/L	40	4.8	17	
Bromochloromethane	ND	ug/L	40	5.4	19	
Bromodichloromethane	ND	ug/L	40	4.3	15	
Bromoform	ND	ug/L	40	7.4	26	
Bromomethane	ND	ug/L	40	14	49	CC
n-Butylbenzene	ND	ug/L	40	5.4	19	
sec-Butylbenzene	ND	ug/L	40	5.0	18	
tert-Butylbenzene	ND	ug/L	40	5.4	19	
Carbon Tetrachloride	ND	ug/L	40	5.0	18	
Chlorobenzene	ND	ug/L	40	4.2	15	
Chloroethane	ND	ug/L	40	27	95	
Chloroform	ND	ug/L	40	5.2	18	
Chloromethane	ND	ug/L	40	11	40	
2-Chlorotoluene	ND	ug/L	40	5.8	21	
4-Chlorotoluene	ND	ug/L	40	4.3	15	
Dibromochloromethane	ND	ug/L	40	4.4	16	
1,2-Dibromo-3-Chloropropane	ND	ug/L	40	8.5	29	
1,2-Dibromoethane	ND	ug/L	40	5.9	21	
Dibromomethane	ND	ug/L	40	7.5	26	
1,2-Dichlorobenzene	ND	ug/L	40	5.2	18	
1,3-Dichlorobenzene	ND	ug/L	40	5.7	20	
1,4-Dichlorobenzene	ND	ug/L	40	5.1	18	
Dichlorodifluoromethane	ND	ug/L	40	5.4	19	
1,1-Dichloroethane	ND	ug/L	40	6.5	23	
1,2-Dichloroethane	ND	ug/L	40	8.8	31	
1,1-Dichloroethene	ND	ug/L	40	6.0	21	
cis-1,2-Dichloroethene	1000	ug/L	80	9.5	34	
trans-1,2-Dichloroethene	[7.6]	ug/L	40	5.0	18	
1,2-Dichloropropane	ND	ug/L	40	8.3	30	
1,3-Dichloropropane	ND	ug/L	40	8.3	29	
2,2-Dichloropropane	ND	ug/L	40	5.1	18	
1,1-Dichloropropene	ND	ug/L	40	4.3	15	
cis-1,3-Dichloropropene	ND	ug/L	40	5.1	18	
trans-1,3-Dichloropropene	ND	ug/L	40	5.2	18	
Ethylbenzene	ND	ug/L	40	4.8	17	
Hexachlorobutadiene	ND	ug/L	40	14	51	
Isopropylbenzene	ND	ug/L	40	4.0	15	
p-Isopropyltoluene	ND	ug/L	40	4.3	15	
Methylene chloride	ND	ug/L	40	11	38	CC
Naphthalene	ND	ug/L	40	12	44	
n-Propylbenzene	ND	ug/L	40	5.8	21	
ortho-Xylene	ND	ug/L	40	6.2	22	
Styrene	ND	ug/L	40	4.4	15	
1,1,1,2-Tetrachloroethane	ND	ug/L	40	4.4	16	
1,1,2,2-Tetrachloroethane	ND	ug/L	40	5.1	18	
Tetrachloroethene	470	ug/L	40	7.2	26	
Toluene	ND	ug/L	40	6.2	22	
1,2,3-Trichlorobenzene	ND	ug/L	40	9.0	31	
1,2,4-Trichlorobenzene	ND	ug/L	40	12	43	
1,1,1-Trichloroethane	ND	ug/L	40	7.8	28	
1,1,2-Trichloroethane	ND	ug/L	40	6.6	23	
Trichloroethene	360	ug/L	40	6.5	23	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557039 MW-2 Collected: 03/24/10 Analyzed: 03/29/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	40	4.3	15	
1,2,3-Trichloropropane	ND	ug/L	40	10	37	
1,2,4-Trimethylbenzene	ND	ug/L	40	4.8	17	
1,3,5-Trimethylbenzene	ND	ug/L	40	4.8	17	
Vinyl chloride	[17]	ug/L	40	6.9	25	
meta,para-Xylene	ND	ug/L	40	8.8	31	
MTBE	ND	ug/L	40	5.1	18	
Isopropyl Ether	ND	ug/L	40	8.1	30	
Dibromofluoromethane (SURR)	110.77%					S
Toluene-d8 (SURR)	108.5%					S
1-Bromo-4-Fluorobenzene (SURR)	107.16%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 65.3%
Methylene chloride recovery 75.6%

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557040 MW-2A Collected: 03/24/10 Analyzed: 03/29/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	100	13	47	
Bromobenzene	ND	ug/L	100	12	42	
Bromochloromethane	ND	ug/L	100	13	48	
Bromodichloromethane	ND	ug/L	100	11	38	
Bromoform	ND	ug/L	100	19	66	
Bromomethane	ND	ug/L	100	35	120	CC
n-Butylbenzene	ND	ug/L	100	14	48	
sec-Butylbenzene	ND	ug/L	100	12	44	
tert-Butylbenzene	ND	ug/L	100	13	48	
Carbon Tetrachloride	ND	ug/L	100	13	44	
Chlorobenzene	ND	ug/L	100	10	37	
Chloroethane	ND	ug/L	100	67	240	
Chloroform	ND	ug/L	100	13	46	
Chloromethane	ND	ug/L	100	28	99	
2-Chlorotoluene	ND	ug/L	100	15	51	
4-Chlorotoluene	ND	ug/L	100	11	38	
Dibromochloromethane	ND	ug/L	100	11	39	
1,2-Dibromo-3-Chloropropane	ND	ug/L	100	21	74	
1,2-Dibromoethane	ND	ug/L	100	15	52	
Dibromomethane	ND	ug/L	100	19	66	
1,2-Dichlorobenzene	ND	ug/L	100	13	46	
1,3-Dichlorobenzene	ND	ug/L	100	14	50	
1,4-Dichlorobenzene	ND	ug/L	100	13	45	
Dichlorodifluoromethane	ND	ug/L	100	13	48	
1,1-Dichloroethane	ND	ug/L	100	16	58	
1,2-Dichloroethane	ND	ug/L	100	22	78	
1,1-Dichloroethene	ND	ug/L	100	15	54	
cis-1,2-Dichloroethene	1900	ug/L	200	24	84	
trans-1,2-Dichloroethene	[16]	ug/L	100	13	44	
1,2-Dichloropropane	ND	ug/L	100	21	74	
1,3-Dichloropropane	ND	ug/L	100	21	74	
2,2-Dichloropropane	ND	ug/L	100	13	45	
1,1-Dichloropropene	ND	ug/L	100	11	37	
cis-1,3-Dichloropropene	ND	ug/L	100	13	45	
trans-1,3-Dichloropropene	ND	ug/L	100	13	46	
Ethylbenzene	ND	ug/L	100	12	42	
Hexachlorobutadiene	ND	ug/L	100	36	130	
Isopropylbenzene	ND	ug/L	100	10	37	
p-Isopropyltoluene	ND	ug/L	100	11	38	
Methylene chloride	ND	ug/L	100	27	95	CC
Naphthalene	ND	ug/L	100	31	110	
n-Propylbenzene	ND	ug/L	100	15	52	
ortho-Xylene	ND	ug/L	100	16	55	
Styrene	ND	ug/L	100	11	38	
1,1,1,2-Tetrachloroethane	ND	ug/L	100	11	39	
1,1,2,2-Tetrachloroethane	ND	ug/L	100	13	45	
Tetrachloroethene	250	ug/L	100	18	64	
Toluene	ND	ug/L	100	16	55	
1,2,3-Trichlorobenzene	ND	ug/L	100	23	78	
1,2,4-Trichlorobenzene	ND	ug/L	100	30	110	
1,1,1-Trichloroethane	ND	ug/L	100	20	70	
1,1,2-Trichloroethane	ND	ug/L	100	17	58	
Trichloroethene	180	ug/L	100	16	58	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557040 MW-2A Collected: 03/24/10 Analyzed: 03/29/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	100	11	38	
1,2,3-Trichloropropane	ND	ug/L	100	26	91	
1,2,4-Trimethylbenzene	ND	ug/L	100	12	43	
1,3,5-Trimethylbenzene	ND	ug/L	100	12	43	
Vinyl chloride	76	ug/L	100	17	62	
meta,para-Xylene	ND	ug/L	100	22	78	
MTBE	ND	ug/L	100	13	45	
Isopropyl Ether	ND	ug/L	100	20	75	
Dibromofluoromethane (SURR)	114.54%					S
Toluene-d8 (SURR)	115.07%					S
1-Bromo-4-Fluorobenzene (SURR)	107.93%					S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.
CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 65.3%
Methylene chloride recovery 75.6%

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557041 MW-2B Collected: 03/24/10 Analyzed: 03/29/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.13	0.47	
Bromobenzene	ND	ug/L	1	0.12	0.42	
Bromochloromethane	ND	ug/L	1	0.13	0.48	
Bromodichloromethane	ND	ug/L	1	0.11	0.38	
Bromoform	ND	ug/L	1	0.19	0.66	
Bromomethane	ND	ug/L	1	0.35	1.2	CC
n-Butylbenzene	ND	ug/L	1	0.14	0.48	
sec-Butylbenzene	ND	ug/L	1	0.12	0.44	
tert-Butylbenzene	ND	ug/L	1	0.13	0.48	
Carbon Tetrachloride	ND	ug/L	1	0.13	0.44	
Chlorobenzene	ND	ug/L	1	0.10	0.37	
Chloroethane	ND	ug/L	1	0.67	2.4	
Chloroform	ND	ug/L	1	0.13	0.46	
Chloromethane	ND	ug/L	1	0.28	0.99	
2-Chlorotoluene	ND	ug/L	1	0.15	0.51	
4-Chlorotoluene	ND	ug/L	1	0.11	0.38	
Dibromochloromethane	ND	ug/L	1	0.11	0.39	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.74	
1,2-Dibromoethane	ND	ug/L	1	0.15	0.52	
Dibromomethane	ND	ug/L	1	0.19	0.66	
1,2-Dichlorobenzene	ND	ug/L	1	0.13	0.46	
1,3-Dichlorobenzene	ND	ug/L	1	0.14	0.50	
1,4-Dichlorobenzene	ND	ug/L	1	0.13	0.45	
Dichlorodifluoromethane	ND	ug/L	1	0.13	0.48	
1,1-Dichloroethane	ND	ug/L	1	0.16	0.58	
1,2-Dichloroethane	ND	ug/L	1	0.22	0.78	
1,1-Dichloroethene	ND	ug/L	1	0.15	0.54	
cis-1,2-Dichloroethene	4.6	ug/L	1	0.12	0.42	
trans-1,2-Dichloroethene	ND	ug/L	1	0.13	0.44	
1,2-Dichloropropane	ND	ug/L	1	0.21	0.74	
1,3-Dichloropropane	ND	ug/L	1	0.21	0.74	
2,2-Dichloropropane	ND	ug/L	1	0.13	0.45	
1,1-Dichloropropene	ND	ug/L	1	0.11	0.37	
cis-1,3-Dichloropropene	ND	ug/L	1	0.13	0.45	
trans-1,3-Dichloropropene	ND	ug/L	1	0.13	0.46	
Ethylbenzene	ND	ug/L	1	0.12	0.42	
Hexachlorobutadiene	ND	ug/L	1	0.36	1.3	
Isopropylbenzene	ND	ug/L	1	0.10	0.37	
p-Isopropyltoluene	ND	ug/L	1	0.11	0.38	
Methylene chloride	ND	ug/L	1	0.27	0.95	CC
Naphthalene	ND	ug/L	1	0.31	1.1	
n-Propylbenzene	ND	ug/L	1	0.15	0.52	
ortho-Xylene	ND	ug/L	1	0.16	0.55	
Styrene	ND	ug/L	1	0.11	0.38	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.11	0.39	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.13	0.45	
Tetrachloroethene	13	ug/L	1	0.18	0.64	
Toluene	ND	ug/L	1	0.16	0.55	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.23	0.78	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.30	1.1	
1,1,1-Trichloroethane	ND	ug/L	1	0.20	0.70	
1,1,2-Trichloroethane	ND	ug/L	1	0.17	0.58	
Trichloroethene	6.7	ug/L	1	0.16	0.58	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557041 MW-2B Collected: 03/24/10 Analyzed: 03/29/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.11	0.38	
1,2,3-Trichloropropane	ND	ug/L	1	0.26	0.91	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.12	0.43	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.12	0.43	
Vinyl chloride	ND	ug/L	1	0.17	0.62	
meta,para-Xylene	ND	ug/L	1	0.22	0.78	
MTBE	ND	ug/L	1	0.13	0.45	
Isopropyl Ether	ND	ug/L	1	0.20	0.75	
Dibromofluoromethane (SURR)	109.95%					S
Toluene-d8 (SURR)	111.93%					S
1-Bromo-4-Fluorobenzene (SURR)	104.77%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 65.3%
Methylene chloride recovery 75.6%

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557042 MW-3 Collected: 03/24/10 Analyzed: 03/29/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	5000	660	2300	
Bromobenzene	ND	ug/L	5000	600	2100	
Bromochloromethane	ND	ug/L	5000	670	2400	
Bromodichloromethane	ND	ug/L	5000	540	1900	
Bromoform	ND	ug/L	5000	930	3300	
Bromomethane	ND	ug/L	5000	1700	6200	CC
n-Butylbenzene	ND	ug/L	5000	680	2400	
sec-Butylbenzene	ND	ug/L	5000	620	2200	
tert-Butylbenzene	ND	ug/L	5000	670	2400	
Carbon Tetrachloride	ND	ug/L	5000	630	2200	
Chlorobenzene	ND	ug/L	5000	520	1800	
Chloroethane	ND	ug/L	5000	3400	12000	
Chloroform	ND	ug/L	5000	650	2300	
Chloromethane	ND	ug/L	5000	1400	4900	
2-Chlorotoluene	ND	ug/L	5000	730	2600	
4-Chlorotoluene	ND	ug/L	5000	540	1900	
Dibromochloromethane	ND	ug/L	5000	560	2000	
1,2-Dibromo-3-Chloropropane	ND	ug/L	5000	1100	3700	
1,2-Dibromoethane	ND	ug/L	5000	740	2600	
Dibromomethane	ND	ug/L	5000	940	3300	
1,2-Dichlorobenzene	ND	ug/L	5000	650	2300	
1,3-Dichlorobenzene	ND	ug/L	5000	710	2500	
1,4-Dichlorobenzene	ND	ug/L	5000	640	2300	
Dichlorodifluoromethane	ND	ug/L	5000	670	2400	
1,1-Dichloroethane	ND	ug/L	5000	820	2900	
1,2-Dichloroethane	ND	ug/L	5000	1100	3900	
1,1-Dichloroethene	ND	ug/L	5000	760	2700	
cis-1,2-Dichloroethene	80000	ug/L	5000	600	2100	
trans-1,2-Dichloroethene	[1800]	ug/L	5000	630	2200	
1,2-Dichloropropane	ND	ug/L	5000	1000	3700	
1,3-Dichloropropane	ND	ug/L	5000	1000	3700	
2,2-Dichloropropane	ND	ug/L	5000	640	2300	
1,1-Dichloropropene	ND	ug/L	5000	540	1900	
cis-1,3-Dichloropropene	ND	ug/L	5000	640	2300	
trans-1,3-Dichloropropene	ND	ug/L	5000	650	2300	
Ethylbenzene	ND	ug/L	5000	600	2100	
Hexachlorobutadiene	ND	ug/L	5000	1800	6400	
Isopropylbenzene	ND	ug/L	5000	510	1900	
p-Isopropyltoluene	ND	ug/L	5000	540	1900	
Methylene chloride	ND	ug/L	5000	1300	4700	CC
Naphthalene	ND	ug/L	5000	1500	5400	
n-Propylbenzene	ND	ug/L	5000	730	2600	
ortho-Xylene	ND	ug/L	5000	780	2800	
Styrene	ND	ug/L	5000	550	1900	
1,1,1,2-Tetrachloroethane	ND	ug/L	5000	560	2000	
1,1,2,2-Tetrachloroethane	ND	ug/L	5000	640	2300	
Tetrachloroethene	ND	ug/L	5000	900	3200	
Toluene	ND	ug/L	5000	780	2800	
1,2,3-Trichlorobenzene	ND	ug/L	5000	1100	3900	
1,2,4-Trichlorobenzene	ND	ug/L	5000	1500	5400	
1,1,1-Trichloroethane	ND	ug/L	5000	980	3500	
1,1,2-Trichloroethane	ND	ug/L	5000	830	2900	
Trichloroethene	ND	ug/L	5000	820	2900	

Sample: 557042 MW-3 Collected: 03/24/10 Analyzed: 03/29/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	5000	540	1900	
1,2,3-Trichloropropane	ND	ug/L	5000	1300	4600	
1,2,4-Trimethylbenzene	ND	ug/L	5000	600	2100	
1,3,5-Trimethylbenzene	ND	ug/L	5000	610	2100	
Vinyl chloride	31000	ug/L	5000	870	3100	
meta,para-Xylene	ND	ug/L	5000	1100	3900	
MTBE	ND	ug/L	5000	640	2300	
Isopropyl Ether	ND	ug/L	5000	1000	3700	
Dibromofluoromethane (SURR)	104.25%					S
Toluene-d8 (SURR)	115.49%					S
1-Bromo-4-Fluorobenzene (SURR)	110.57%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 65.3%
Methylene chloride recovery 75.6%

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557043 MW-3A Collected: 03/24/10 Analyzed: 03/29/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1250	160	580	
Bromobenzene	ND	ug/L	1250	150	530	
Bromochloromethane	ND	ug/L	1250	170	590	
Bromodichloromethane	ND	ug/L	1250	140	480	
Bromoform	ND	ug/L	1250	230	820	
Bromomethane	ND	ug/L	1250	440	1500	CC
n-Butylbenzene	ND	ug/L	1250	170	600	
sec-Butylbenzene	ND	ug/L	1250	160	550	
tert-Butylbenzene	ND	ug/L	1250	170	590	
Carbon Tetrachloride	ND	ug/L	1250	160	560	
Chlorobenzene	ND	ug/L	1250	130	460	
Chloroethane	ND	ug/L	1250	840	3000	
Chloroform	ND	ug/L	1250	160	570	
Chloromethane	ND	ug/L	1250	350	1200	
2-Chlorotoluene	ND	ug/L	1250	180	640	
4-Chlorotoluene	ND	ug/L	1250	140	480	
Dibromochloromethane	ND	ug/L	1250	140	490	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1250	270	920	
1,2-Dibromoethane	ND	ug/L	1250	190	660	
Dibromomethane	ND	ug/L	1250	230	830	
1,2-Dichlorobenzene	ND	ug/L	1250	160	570	
1,3-Dichlorobenzene	ND	ug/L	1250	180	630	
1,4-Dichlorobenzene	ND	ug/L	1250	160	570	
Dichlorodifluoromethane	ND	ug/L	1250	170	600	
1,1-Dichloroethane	ND	ug/L	1250	200	720	
1,2-Dichloroethane	ND	ug/L	1250	280	980	
1,1-Dichloroethene	ND	ug/L	1250	190	670	
cis-1,2-Dichloroethene	15000	ug/L	1250	150	530	
trans-1,2-Dichloroethene	[180]	ug/L	1250	160	550	
1,2-Dichloropropane	ND	ug/L	1250	260	920	
1,3-Dichloropropane	ND	ug/L	1250	260	920	
2,2-Dichloropropane	ND	ug/L	1250	160	560	
1,1-Dichloropropene	ND	ug/L	1250	140	460	
cis-1,3-Dichloropropene	ND	ug/L	1250	160	560	
trans-1,3-Dichloropropene	ND	ug/L	1250	160	570	
Ethylbenzene	ND	ug/L	1250	150	530	
Hexachlorobutadiene	ND	ug/L	1250	450	1600	
Isopropylbenzene	ND	ug/L	1250	130	460	
p-Isopropyltoluene	ND	ug/L	1250	140	480	
Methylene chloride	ND	ug/L	1250	330	1200	CC
Naphthalene	ND	ug/L	1250	380	1400	
n-Propylbenzene	ND	ug/L	1250	180	650	
ortho-Xylene	ND	ug/L	1250	200	690	
Styrene	ND	ug/L	1250	140	470	
1,1,1,2-Tetrachloroethane	ND	ug/L	1250	140	490	
1,1,2,2-Tetrachloroethane	ND	ug/L	1250	160	570	
Tetrachloroethene	1400	ug/L	1250	230	800	
Toluene	ND	ug/L	1250	200	690	
1,2,3-Trichlorobenzene	ND	ug/L	1250	280	970	
1,2,4-Trichlorobenzene	ND	ug/L	1250	380	1300	
1,1,1-Trichloroethane	ND	ug/L	1250	250	870	
1,1,2-Trichloroethane	ND	ug/L	1250	210	730	
Trichloroethene	1300	ug/L	1250	200	720	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557043 MW-3A Collected: 03/24/10 Analyzed: 03/29/10

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1250	140	480	
1,2,3-Trichloropropane	ND	ug/L	1250	320	1100	
1,2,4-Trimethylbenzene	ND	ug/L	1250	150	530	
1,3,5-Trimethylbenzene	ND	ug/L	1250	150	540	
Vinyl chloride	1600	ug/L	1250	220	770	
meta,para-Xylene	ND	ug/L	1250	280	980	
MTBE	ND	ug/L	1250	160	560	
Isopropyl Ether	ND	ug/L	1250	250	930	
Dibromofluoromethane (SURR)	102.77%					S
Toluene-d8 (SURR)	114.38%					S
1-Bromo-4-Fluorobenzene (SURR)	112.36%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 65.3%
Methylene chloride recovery 75.6%

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557044 MW-3B Collected: 03/24/10 Analyzed: 03/29/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	800	100	370	
Bromobenzene	ND	ug/L	800	95	340	
Bromochloromethane	ND	ug/L	800	110	380	
Bromodichloromethane	ND	ug/L	800	86	310	
Bromoform	ND	ug/L	800	150	530	
Bromomethane	ND	ug/L	800	280	990	CC
n-Butylbenzene	ND	ug/L	800	110	380	
sec-Butylbenzene	ND	ug/L	800	99	350	
tert-Butylbenzene	ND	ug/L	800	110	380	
Carbon Tetrachloride	ND	ug/L	800	100	360	
Chlorobenzene	ND	ug/L	800	83	300	
Chloroethane	ND	ug/L	800	540	1900	
Chloroform	ND	ug/L	800	100	370	
Chloromethane	ND	ug/L	800	220	790	
2-Chlorotoluene	ND	ug/L	800	120	410	
4-Chlorotoluene	ND	ug/L	800	86	310	
Dibromochloromethane	ND	ug/L	800	89	310	
1,2-Dibromo-3-Chloropropane	ND	ug/L	800	170	590	
1,2-Dibromoethane	ND	ug/L	800	120	420	
Dibromomethane	ND	ug/L	800	150	530	
1,2-Dichlorobenzene	ND	ug/L	800	100	370	
1,3-Dichlorobenzene	ND	ug/L	800	110	400	
1,4-Dichlorobenzene	ND	ug/L	800	100	360	
Dichlorodifluoromethane	ND	ug/L	800	110	380	
1,1-Dichloroethane	ND	ug/L	800	130	460	
1,2-Dichloroethane	ND	ug/L	800	180	630	
1,1-Dichloroethene	ND	ug/L	800	120	430	
cis-1,2-Dichloroethene	920	ug/L	800	95	340	
trans-1,2-Dichloroethene	ND	ug/L	800	100	350	
1,2-Dichloropropane	ND	ug/L	800	170	590	
1,3-Dichloropropane	ND	ug/L	800	170	590	
2,2-Dichloropropane	ND	ug/L	800	100	360	
1,1-Dichloropropene	ND	ug/L	800	86	300	
cis-1,3-Dichloropropene	ND	ug/L	800	100	360	
trans-1,3-Dichloropropene	ND	ug/L	800	100	370	
Ethylbenzene	ND	ug/L	800	96	340	
Hexachlorobutadiene	ND	ug/L	800	290	1000	
Isopropylbenzene	ND	ug/L	800	81	300	
p-Isopropyltoluene	ND	ug/L	800	86	310	
Methylene chloride	ND	ug/L	800	210	760	CC
Naphthalene	ND	ug/L	800	250	870	
n-Propylbenzene	ND	ug/L	800	120	410	
ortho-Xylene	ND	ug/L	800	120	440	
Styrene	ND	ug/L	800	87	300	
1,1,1,2-Tetrachloroethane	ND	ug/L	800	89	310	
1,1,2,2-Tetrachloroethane	ND	ug/L	800	100	360	
Tetrachloroethene	10000	ug/L	800	140	510	
Toluene	ND	ug/L	800	120	440	
1,2,3-Trichlorobenzene	ND	ug/L	800	180	620	
1,2,4-Trichlorobenzene	ND	ug/L	800	240	860	
1,1,1-Trichloroethane	ND	ug/L	800	160	560	
1,1,2-Trichloroethane	ND	ug/L	800	130	470	
Trichloroethene	2200	ug/L	800	130	460	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557044 MW-3B Collected: 03/24/10 Analyzed: 03/29/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	800	86	310	
1,2,3-Trichloropropane	ND	ug/L	800	210	730	
1,2,4-Trimethylbenzene	ND	ug/L	800	96	340	
1,3,5-Trimethylbenzene	ND	ug/L	800	97	340	
Vinyl chloride	ND	ug/L	800	140	490	
meta,para-Xylene	ND	ug/L	800	180	630	
MTBE	ND	ug/L	800	100	360	
Isopropyl Ether	ND	ug/L	800	160	600	
Dibromofluoromethane (SURR)	97.63%					S
Toluene-d8 (SURR)	117.18%					S
1-Bromo-4-Fluorobenzene (SURR)	115.04%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 65.3%
Methylene chloride recovery 75.6%

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557045 MW-3C Collected: 03/24/10 Analyzed: 03/29/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	4	0.52	1.9	
Bromobenzene	ND	ug/L	4	0.48	1.7	
Bromochloromethane	ND	ug/L	4	0.54	1.9	
Bromodichloromethane	ND	ug/L	4	0.43	1.5	
Bromoform	ND	ug/L	4	0.74	2.6	
Bromomethane	ND	ug/L	4	1.4	4.9	CC
n-Butylbenzene	ND	ug/L	4	0.54	1.9	
sec-Butylbenzene	ND	ug/L	4	0.50	1.8	
tert-Butylbenzene	ND	ug/L	4	0.54	1.9	
Carbon Tetrachloride	ND	ug/L	4	0.50	1.8	
Chlorobenzene	ND	ug/L	4	0.42	1.5	
Chloroethane	ND	ug/L	4	2.7	9.5	
Chloroform	ND	ug/L	4	0.52	1.8	
Chloromethane	ND	ug/L	4	1.1	4.0	
2-Chlorotoluene	ND	ug/L	4	0.58	2.1	
4-Chlorotoluene	ND	ug/L	4	0.43	1.5	
Dibromochloromethane	ND	ug/L	4	0.44	1.6	
1,2-Dibromo-3-Chloropropane	ND	ug/L	4	0.85	2.9	
1,2-Dibromoethane	ND	ug/L	4	0.59	2.1	
Dibromomethane	ND	ug/L	4	0.75	2.6	
1,2-Dichlorobenzene	ND	ug/L	4	0.52	1.8	
1,3-Dichlorobenzene	ND	ug/L	4	0.57	2.0	
1,4-Dichlorobenzene	ND	ug/L	4	0.51	1.8	
Dichlorodifluoromethane	ND	ug/L	4	0.54	1.9	
1,1-Dichloroethane	ND	ug/L	4	0.65	2.3	
1,2-Dichloroethane	ND	ug/L	4	0.88	3.1	
1,1-Dichloroethene	ND	ug/L	4	0.60	2.1	
cis-1,2-Dichloroethene	5.0	ug/L	4	0.48	1.7	
trans-1,2-Dichloroethene	ND	ug/L	4	0.50	1.8	
1,2-Dichloropropane	ND	ug/L	4	0.83	3.0	
1,3-Dichloropropane	ND	ug/L	4	0.83	2.9	
2,2-Dichloropropane	ND	ug/L	4	0.51	1.8	
1,1-Dichloropropene	ND	ug/L	4	0.43	1.5	
cis-1,3-Dichloropropene	ND	ug/L	4	0.51	1.8	
trans-1,3-Dichloropropene	ND	ug/L	4	0.52	1.8	
Ethylbenzene	ND	ug/L	4	0.48	1.7	
Hexachlorobutadiene	ND	ug/L	4	1.4	5.1	
Isopropylbenzene	ND	ug/L	4	0.40	1.5	
p-Isopropyltoluene	ND	ug/L	4	0.43	1.5	
Methylene chloride	ND	ug/L	4	1.1	3.8	CC
Naphthalene	ND	ug/L	4	1.2	4.4	
n-Propylbenzene	ND	ug/L	4	0.58	2.1	
ortho-Xylene	ND	ug/L	4	0.62	2.2	
Styrene	ND	ug/L	4	0.44	1.5	
1,1,1,2-Tetrachloroethane	ND	ug/L	4	0.44	1.6	
1,1,2,2-Tetrachloroethane	ND	ug/L	4	0.51	1.8	
Tetrachloroethene	ND	ug/L	4	0.72	2.6	
Toluene	230	ug/L	40	6.2	22	
1,2,3-Trichlorobenzene	ND	ug/L	4	0.90	3.1	
1,2,4-Trichlorobenzene	ND	ug/L	4	1.2	4.3	
1,1,1-Trichloroethane	ND	ug/L	4	0.78	2.8	
1,1,2-Trichloroethane	ND	ug/L	4	0.66	2.3	
Trichloroethene	ND	ug/L	4	0.65	2.3	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SATW Printed: 04/15/2010 14:56

Sample: 557045 MW-3C Collected: 03/24/10 Analyzed: 03/29/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	4	0.43	1.5	
1,2,3-Trichloropropane	ND	ug/L	4	1.0	3.7	
1,2,4-Trimethylbenzene	ND	ug/L	4	0.48	1.7	
1,3,5-Trimethylbenzene	ND	ug/L	4	0.48	1.7	
Vinyl chloride	[1.8]	ug/L	4	0.69	2.5	
meta,para-Xylene	ND	ug/L	4	0.88	3.1	
MTBE	ND	ug/L	4	0.51	1.8	
Isopropyl Ether	ND	ug/L	4	0.81	3.0	
Dibromofluoromethane (SURR)	102.15%					S
Toluene-d8 (SURR)	119.92%					S
1-Bromo-4-Fluorobenzene (SURR)	121.03%					SR S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.
CC = Continuing calibration verification standard recovery was outside QC limits.
Bromomethane recovery 65.3%
Methylene chloride recovery 75.6%
SR = Surrogate recovery was outside QC limits.
1-Bromo-4-Fluorobenzene recovered above QC limits.

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)

Customer: NewFields Companies LLC NLS Project: 143024

Project Description: DB Oak/0451-003-800

Project Title: Template: SAT2W Printed: 04/15/2010 14:56

Sample: 557036 MW-8B Collected: 03/23/10 Analyzed: 03/29/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.20	0.69	
Bromobenzene	ND	ug/L	1	0.22	0.79	
Bromochloromethane	ND	ug/L	1	0.26	0.94	
Bromodichloromethane	ND	ug/L	1	0.26	0.91	
Bromoform	ND	ug/L	1	0.35	1.2	
Bromomethane	ND	ug/L	1	0.26	0.92	
n-Butylbenzene	ND	ug/L	1	0.18	0.64	
sec-Butylbenzene	ND	ug/L	1	0.20	0.69	
tert-Butylbenzene	ND	ug/L	1	0.21	0.73	
Carbon Tetrachloride	ND	ug/L	1	0.27	0.97	
Chlorobenzene	ND	ug/L	1	0.20	0.73	
Chloroethane	ND	ug/L	1	1.5	5.4	
Chloroform	ND	ug/L	1	0.20	0.72	
Chloromethane	ND	ug/L	1	0.23	0.83	
2-Chlorotoluene	ND	ug/L	1	0.20	0.71	
4-Chlorotoluene	ND	ug/L	1	0.24	0.85	
Dibromochloromethane	ND	ug/L	1	0.20	0.69	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.75	
1,2-Dibromoethane	ND	ug/L	1	0.20	0.71	
Dibromomethane	ND	ug/L	1	0.28	0.98	
1,2-Dichlorobenzene	ND	ug/L	1	0.16	0.56	
1,3-Dichlorobenzene	ND	ug/L	1	0.23	0.80	
1,4-Dichlorobenzene	ND	ug/L	1	0.22	0.79	
Dichlorodifluoromethane	ND	ug/L	1	0.29	1.0	
1,1-Dichloroethane	ND	ug/L	1	0.21	0.74	
1,2-Dichloroethane	ND	ug/L	1	0.16	0.58	
1,1-Dichloroethene	ND	ug/L	1	0.21	0.74	
cis-1,2-Dichloroethene	[0.24]	ug/L	1	0.20	0.72	
trans-1,2-Dichloroethene	ND	ug/L	1	0.26	0.92	
1,2-Dichloropropane	ND	ug/L	1	0.22	0.77	
1,3-Dichloropropane	ND	ug/L	1	0.23	0.82	
2,2-Dichloropropane	ND	ug/L	1	0.14	0.50	
1,1-Dichloropropene	ND	ug/L	1	0.22	0.79	
cis-1,3-Dichloropropene	ND	ug/L	1	0.19	0.66	
trans-1,3-Dichloropropene	ND	ug/L	1	0.18	0.64	
Ethylbenzene	ND	ug/L	1	0.21	0.73	
Hexachlorobutadiene	ND	ug/L	1	0.45	1.6	
Isopropylbenzene	ND	ug/L	1	0.22	0.77	
p-Isopropyltoluene	ND	ug/L	1	0.19	0.68	
Methylene chloride	ND	ug/L	1	0.48	1.7	
Naphthalene	ND	ug/L	1	0.41	1.4	
n-Propylbenzene	ND	ug/L	1	0.21	0.75	
ortho-Xylene	ND	ug/L	1	0.24	0.85	
Styrene	ND	ug/L	1	0.17	0.61	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.21	0.76	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.25	0.88	
Tetrachloroethene	2.0	ug/L	1	0.21	0.73	
Toluene	ND	ug/L	1	0.17	0.61	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.27	0.94	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.32	1.1	
1,1,1-Trichloroethane	ND	ug/L	1	0.22	0.77	
1,1,2-Trichloroethane	ND	ug/L	1	0.23	0.80	
Trichloroethene	ND	ug/L	1	0.17	0.59	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SAT2W Printed: 04/15/2010 14:56

Sample: 557036 MW-8B Collected: 03/23/10 Analyzed: 03/29/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.32	1.1	
1,2,3-Trichloropropane	ND	ug/L	1	0.34	1.2	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.18	0.64	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.20	0.69	
Vinyl chloride	ND	ug/L	1	0.18	0.65	
meta,para-Xylene	ND	ug/L	1	0.33	1.2	
MTBE	ND	ug/L	1	0.28	1.0	
Isopropyl ether	ND	ug/L	1	0.25	0.87	
Dibromofluoromethane (SURR)	114%					S
Toluene-d8 (SURR)	133%					S
1-Bromo-4-Fluorobenzene (SURR)	102%					S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SAT2W Printed: 04/15/2010 14:56

Sample: 557037 IW-01 Collected: 03/23/10 Analyzed: 03/29/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.20	0.69	
Bromobenzene	ND	ug/L	1	0.22	0.79	
Bromochloromethane	ND	ug/L	1	0.26	0.94	
Bromodichloromethane	ND	ug/L	1	0.26	0.91	
Bromoform	ND	ug/L	1	0.35	1.2	
Bromomethane	ND	ug/L	1	0.26	0.92	
n-Butylbenzene	ND	ug/L	1	0.18	0.64	
sec-Butylbenzene	ND	ug/L	1	0.20	0.69	
tert-Butylbenzene	ND	ug/L	1	0.21	0.73	
Carbon Tetrachloride	ND	ug/L	1	0.27	0.97	
Chlorobenzene	ND	ug/L	1	0.20	0.73	
Chloroethane	ND	ug/L	1	1.5	5.4	
Chloroform	ND	ug/L	1	0.20	0.72	
Chloromethane	ND	ug/L	1	0.23	0.83	
2-Chlorotoluene	ND	ug/L	1	0.20	0.71	
4-Chlorotoluene	ND	ug/L	1	0.24	0.85	
Dibromochloromethane	ND	ug/L	1	0.20	0.69	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.75	
1,2-Dibromoethane	ND	ug/L	1	0.20	0.71	
Dibromomethane	ND	ug/L	1	0.28	0.98	
1,2-Dichlorobenzene	ND	ug/L	1	0.16	0.56	
1,3-Dichlorobenzene	ND	ug/L	1	0.23	0.80	
1,4-Dichlorobenzene	ND	ug/L	1	0.22	0.79	
Dichlorodifluoromethane	ND	ug/L	1	0.29	1.0	
1,1-Dichloroethane	ND	ug/L	1	0.21	0.74	
1,2-Dichloroethane	ND	ug/L	1	0.16	0.58	
1,1-Dichloroethene	ND	ug/L	1	0.21	0.74	
cis-1,2-Dichloroethene	1.7	ug/L	1	0.20	0.72	
trans-1,2-Dichloroethene	ND	ug/L	1	0.26	0.92	
1,2-Dichloropropane	ND	ug/L	1	0.22	0.77	
1,3-Dichloropropane	ND	ug/L	1	0.23	0.82	
2,2-Dichloropropane	ND	ug/L	1	0.14	0.50	
1,1-Dichloropropene	ND	ug/L	1	0.22	0.79	
cis-1,3-Dichloropropene	ND	ug/L	1	0.19	0.66	
trans-1,3-Dichloropropene	ND	ug/L	1	0.18	0.64	
Ethylbenzene	ND	ug/L	1	0.21	0.73	
Hexachlorobutadiene	ND	ug/L	1	0.45	1.6	
Isopropylbenzene	ND	ug/L	1	0.22	0.77	
p-Isopropyltoluene	ND	ug/L	1	0.19	0.68	
Methylene chloride	ND	ug/L	1	0.48	1.7	
Naphthalene	ND	ug/L	1	0.41	1.4	
n-Propylbenzene	ND	ug/L	1	0.21	0.75	
ortho-Xylene	ND	ug/L	1	0.24	0.85	
Styrene	ND	ug/L	1	0.17	0.61	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.21	0.76	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.25	0.88	
Tetrachloroethene	ND	ug/L	1	0.21	0.73	
Toluene	7.2	ug/L	1	0.17	0.61	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.27	0.94	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.32	1.1	
1,1,1-Trichloroethane	ND	ug/L	1	0.22	0.77	
1,1,2-Trichloroethane	ND	ug/L	1	0.23	0.80	
Trichloroethene	ND	ug/L	1	0.17	0.59	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SAT2W Printed: 04/15/2010 14:56

Sample: 557037 IW-01 Collected: 03/23/10 Analyzed: 03/29/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.32	1.1	
1,2,3-Trichloropropane	ND	ug/L	1	0.34	1.2	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.18	0.64	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.20	0.69	
Vinyl chloride	9.3	ug/L	1	0.18	0.65	
meta,para-Xylene	ND	ug/L	1	0.33	1.2	
MTBE	ND	ug/L	1	0.28	1.0	
Isopropyl ether	ND	ug/L	1	0.25	0.87	
Dibromofluoromethane (SURR)	115%					S
Toluene-d8 (SURR)	133%					S
1-Bromo-4-Fluorobenzene (SURR)	100%					S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SAT2W Printed: 04/15/2010 14:56

Sample: 557038 Dup-1 Collected: 03/23/10 Analyzed: 03/30/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	10	2.0	6.9	
Bromobenzene	ND	ug/L	10	2.2	7.9	
Bromochloromethane	ND	ug/L	10	2.6	9.4	
Bromodichloromethane	ND	ug/L	10	2.6	9.1	
Bromoform	ND	ug/L	10	3.5	12	
Bromomethane	ND	ug/L	10	2.6	9.2	
n-Butylbenzene	ND	ug/L	10	1.8	6.4	
sec-Butylbenzene	ND	ug/L	10	2.0	6.9	
tert-Butylbenzene	ND	ug/L	10	2.1	7.3	
Carbon Tetrachloride	ND	ug/L	10	2.7	9.7	
Chlorobenzene	ND	ug/L	10	2.0	7.3	
Chloroethane	ND	ug/L	10	15	54	
Chloroform	ND	ug/L	10	2.0	7.2	
Chloromethane	ND	ug/L	10	2.3	8.3	
2-Chlorotoluene	ND	ug/L	10	2.0	7.1	
4-Chlorotoluene	ND	ug/L	10	2.4	8.5	
Dibromochloromethane	ND	ug/L	10	2.0	6.9	
1,2-Dibromo-3-Chloropropane	ND	ug/L	10	2.1	7.5	
1,2-Dibromoethane	ND	ug/L	10	2.0	7.1	
Dibromomethane	ND	ug/L	10	2.8	9.8	
1,2-Dichlorobenzene	ND	ug/L	10	1.6	5.6	
1,3-Dichlorobenzene	ND	ug/L	10	2.3	8.0	
1,4-Dichlorobenzene	ND	ug/L	10	2.2	7.9	
Dichlorodifluoromethane	ND	ug/L	10	2.9	10	
1,1-Dichloroethane	ND	ug/L	10	2.1	7.4	
1,2-Dichloroethane	ND	ug/L	10	1.6	5.8	
1,1-Dichloroethene	ND	ug/L	10	2.1	7.4	
cis-1,2-Dichloroethene	[5.3]	ug/L	10	2.0	7.2	
trans-1,2-Dichloroethene	ND	ug/L	10	2.6	9.2	
1,2-Dichloropropane	ND	ug/L	10	2.2	7.7	
1,3-Dichloropropane	ND	ug/L	10	2.3	8.2	
2,2-Dichloropropane	ND	ug/L	10	1.4	5.0	
1,1-Dichloropropene	ND	ug/L	10	2.2	7.9	
cis-1,3-Dichloropropene	ND	ug/L	10	1.9	6.6	
trans-1,3-Dichloropropene	ND	ug/L	10	1.8	6.4	
Ethylbenzene	ND	ug/L	10	2.1	7.3	
Hexachlorobutadiene	ND	ug/L	10	4.5	16	
Isopropylbenzene	ND	ug/L	10	2.2	7.7	
p-Isopropyltoluene	ND	ug/L	10	1.9	6.8	
Methylene chloride	ND	ug/L	10	4.8	17	
Naphthalene	ND	ug/L	10	4.1	14	
n-Propylbenzene	ND	ug/L	10	2.1	7.5	
ortho-Xylene	ND	ug/L	10	2.4	8.5	
Styrene	ND	ug/L	10	1.7	6.1	
1,1,1,2-Tetrachloroethane	ND	ug/L	10	2.1	7.6	
1,1,2,2-Tetrachloroethane	ND	ug/L	10	2.5	8.8	
Tetrachloroethene	100	ug/L	10	2.1	7.3	
Toluene	ND	ug/L	10	1.7	6.1	
1,2,3-Trichlorobenzene	ND	ug/L	10	2.7	9.4	
1,2,4-Trichlorobenzene	ND	ug/L	10	3.2	11	
1,1,1-Trichloroethane	ND	ug/L	10	2.2	7.7	
1,1,2-Trichloroethane	ND	ug/L	10	2.3	8.0	
Trichloroethene	7.0	ug/L	10	1.7	5.9	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SAT2W Printed: 04/15/2010 14:56

Sample: 557038 Dup-1 Collected: 03/23/10 Analyzed: 03/30/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	10	3.2	11	
1,2,3-Trichloropropane	ND	ug/L	10	3.4	12	
1,2,4-Trimethylbenzene	ND	ug/L	10	1.8	6.4	
1,3,5-Trimethylbenzene	ND	ug/L	10	2.0	6.9	
Vinyl chloride	ND	ug/L	10	1.8	6.5	
meta,para-Xylene	ND	ug/L	10	3.3	12	
MTBE	ND	ug/L	10	2.8	10	
Isopropyl ether	ND	ug/L	10	2.5	8.7	
Dibromofluoromethane (SURR)	114%					S
Toluene-d8 (SURR)	112%					S
1-Bromo-4-Fluorobenzene (SURR)	103%					S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SAT2W Printed: 04/15/2010 14:56

Sample: 557046 MW-4 Collected: 03/24/10 Analyzed: 03/30/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	125	24	86	
Bromobenzene	ND	ug/L	125	28	99	
Bromochloromethane	ND	ug/L	125	33	120	
Bromodichloromethane	ND	ug/L	125	32	110	
Bromoform	ND	ug/L	125	44	150	
Bromomethane	ND	ug/L	125	32	110	
n-Butylbenzene	ND	ug/L	125	23	80	
sec-Butylbenzene	ND	ug/L	125	24	86	
tert-Butylbenzene	ND	ug/L	125	26	91	
Carbon Tetrachloride	ND	ug/L	125	34	120	
Chlorobenzene	ND	ug/L	125	26	91	
Chloroethane	ND	ug/L	125	190	670	
Chloroform	ND	ug/L	125	25	89	
Chloromethane	ND	ug/L	125	29	100	
2-Chlorotoluene	ND	ug/L	125	25	89	
4-Chlorotoluene	ND	ug/L	125	30	110	
Dibromochloromethane	ND	ug/L	125	24	86	
1,2-Dibromo-3-Chloropropane	ND	ug/L	125	26	93	
1,2-Dibromoethane	ND	ug/L	125	25	89	
Dibromomethane	ND	ug/L	125	35	120	
1,2-Dichlorobenzene	ND	ug/L	125	20	70	
1,3-Dichlorobenzene	ND	ug/L	125	28	100	
1,4-Dichlorobenzene	ND	ug/L	125	28	98	
Dichlorodifluoromethane	ND	ug/L	125	36	130	
1,1-Dichloroethane	ND	ug/L	125	26	92	
1,2-Dichloroethane	ND	ug/L	125	21	73	
1,1-Dichloroethene	180	ug/L	125	26	92	
cis-1,2-Dichloroethene	4300	ug/L	1250	250	890	
trans-1,2-Dichloroethene	[47]	ug/L	125	33	120	
1,2-Dichloropropane	ND	ug/L	125	27	96	
1,3-Dichloropropane	ND	ug/L	125	29	100	
2,2-Dichloropropane	ND	ug/L	125	18	63	
1,1-Dichloropropene	ND	ug/L	125	28	99	
cis-1,3-Dichloropropene	ND	ug/L	125	23	83	
trans-1,3-Dichloropropene	ND	ug/L	125	23	80	
Ethylbenzene	ND	ug/L	125	26	92	
Hexachlorobutadiene	ND	ug/L	125	56	200	
Isopropylbenzene	ND	ug/L	125	27	96	
p-Isopropyltoluene	ND	ug/L	125	24	84	
Methylene chloride	ND	ug/L	125	60	210	
Naphthalene	ND	ug/L	125	51	180	
n-Propylbenzene	ND	ug/L	125	26	93	
ortho-Xylene	ND	ug/L	125	30	110	
Styrene	ND	ug/L	125	21	76	
1,1,1,2-Tetrachloroethane	ND	ug/L	125	27	95	
1,1,2,2-Tetrachloroethane	ND	ug/L	125	31	110	
Tetrachloroethene	5000	ug/L	1250	260	910	
Toluene	ND	ug/L	125	21	76	
1,2,3-Trichlorobenzene	ND	ug/L	125	34	120	
1,2,4-Trichlorobenzene	ND	ug/L	125	40	140	
1,1,1-Trichloroethane	ND	ug/L	125	27	97	
1,1,2-Trichloroethane	ND	ug/L	125	28	100	
Trichloroethene	17000	ug/L	1250	210	740	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SAT2W Printed: 04/15/2010 14:56

Sample: 557046 MW-4 Collected: 03/24/10 Analyzed: 03/30/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	125	40	140	
1,2,3-Trichloropropane	ND	ug/L	125	43	150	
1,2,4-Trimethylbenzene	ND	ug/L	125	23	80	
1,3,5-Trimethylbenzene	ND	ug/L	125	25	87	
Vinyl chloride	1600	ug/L	125	23	81	
meta,para-Xylene	ND	ug/L	125	42	150	
MTBE	ND	ug/L	125	35	130	
Isopropyl ether	ND	ug/L	125	31	110	
Dibromofluoromethane (SURR)	111%					S
Toluene-d8 (SURR)	93%					S
1-Bromo-4-Fluorobenzene (SURR)	105%					S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SAT2W Printed: 04/15/2010 14:56

Sample: 557047 MW-4A Collected: 03/24/10 Analyzed: 03/30/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.20	0.69	
Bromobenzene	ND	ug/L	1	0.22	0.79	
Bromochloromethane	ND	ug/L	1	0.26	0.94	
Bromodichloromethane	ND	ug/L	1	0.26	0.91	
Bromoform	ND	ug/L	1	0.35	1.2	
Bromomethane	ND	ug/L	1	0.26	0.92	
n-Butylbenzene	ND	ug/L	1	0.18	0.64	
sec-Butylbenzene	ND	ug/L	1	0.20	0.69	
tert-Butylbenzene	ND	ug/L	1	0.21	0.73	
Carbon Tetrachloride	ND	ug/L	1	0.27	0.97	
Chlorobenzene	ND	ug/L	1	0.20	0.73	
Chloroethane	ND	ug/L	1	1.5	5.4	
Chloroform	ND	ug/L	1	0.20	0.72	
Chloromethane	ND	ug/L	1	0.23	0.83	
2-Chlorotoluene	ND	ug/L	1	0.20	0.71	
4-Chlorotoluene	ND	ug/L	1	0.24	0.85	
Dibromochloromethane	ND	ug/L	1	0.20	0.69	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.75	
1,2-Dibromoethane	ND	ug/L	1	0.20	0.71	
Dibromomethane	ND	ug/L	1	0.28	0.98	
1,2-Dichlorobenzene	ND	ug/L	1	0.16	0.56	
1,3-Dichlorobenzene	ND	ug/L	1	0.23	0.80	
1,4-Dichlorobenzene	ND	ug/L	1	0.22	0.79	
Dichlorodifluoromethane	ND	ug/L	1	0.29	1.0	
1,1-Dichloroethane	ND	ug/L	1	0.21	0.74	
1,2-Dichloroethane	ND	ug/L	1	0.16	0.58	
1,1-Dichloroethene	ND	ug/L	1	0.21	0.74	
cis-1,2-Dichloroethene	2.6	ug/L	1	0.20	0.72	
trans-1,2-Dichloroethene	ND	ug/L	1	0.26	0.92	
1,2-Dichloropropane	ND	ug/L	1	0.22	0.77	
1,3-Dichloropropane	ND	ug/L	1	0.23	0.82	
2,2-Dichloropropane	ND	ug/L	1	0.14	0.50	
1,1-Dichloropropene	ND	ug/L	1	0.22	0.79	
cis-1,3-Dichloropropene	ND	ug/L	1	0.19	0.66	
trans-1,3-Dichloropropene	ND	ug/L	1	0.18	0.64	
Ethylbenzene	ND	ug/L	1	0.21	0.73	
Hexachlorobutadiene	ND	ug/L	1	0.45	1.6	
Isopropylbenzene	ND	ug/L	1	0.22	0.77	
p-Isopropyltoluene	ND	ug/L	1	0.19	0.68	
Methylene chloride	ND	ug/L	1	0.48	1.7	
Naphthalene	ND	ug/L	1	0.41	1.4	
n-Propylbenzene	ND	ug/L	1	0.21	0.75	
ortho-Xylene	ND	ug/L	1	0.24	0.85	
Styrene	ND	ug/L	1	0.17	0.61	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.21	0.76	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.25	0.88	
Tetrachloroethene	3.3	ug/L	1	0.21	0.73	
Toluene	ND	ug/L	1	0.17	0.61	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.27	0.94	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.32	1.1	
1,1,1-Trichloroethane	ND	ug/L	1	0.22	0.77	
1,1,2-Trichloroethane	ND	ug/L	1	0.23	0.80	
Trichloroethene	2.2	ug/L	1	0.17	0.59	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SAT2W Printed: 04/15/2010 14:56

Sample: 557047 MW-4A Collected: 03/24/10 Analyzed: 03/30/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.32	1.1	
1,2,3-Trichloropropane	ND	ug/L	1	0.34	1.2	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.18	0.64	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.20	0.69	
Vinyl chloride	ND	ug/L	1	0.18	0.65	
meta,para-Xylene	ND	ug/L	1	0.33	1.2	
MTBE	ND	ug/L	1	0.28	1.0	
Isopropyl ether	ND	ug/L	1	0.25	0.87	
Dibromofluoromethane (SURR)	109%					S
Toluene-d8 (SURR)	132%					S
1-Bromo-4-Fluorobenzene (SURR)	108%					S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)

Customer: NewFields Companies LLC **NLS Project: 143024**

Project Description: DB Oak/0451-003-800

Project Title: **Template: SAT2W** **Printed: 04/15/2010 14:56**

Sample: 557048 MW-4B Collected: 03/24/10 Analyzed: 03/30/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.20	0.69	
Bromobenzene	ND	ug/L	1	0.22	0.79	
Bromochloromethane	ND	ug/L	1	0.26	0.94	
Bromodichloromethane	ND	ug/L	1	0.26	0.91	
Bromoform	ND	ug/L	1	0.35	1.2	
Bromomethane	ND	ug/L	1	0.26	0.92	
n-Butylbenzene	ND	ug/L	1	0.18	0.64	
sec-Butylbenzene	ND	ug/L	1	0.20	0.69	
tert-Butylbenzene	ND	ug/L	1	0.21	0.73	
Carbon Tetrachloride	ND	ug/L	1	0.27	0.97	
Chlorobenzene	ND	ug/L	1	0.20	0.73	
Chloroethane	ND	ug/L	1	1.5	5.4	
Chloroform	ND	ug/L	1	0.20	0.72	
Chloromethane	ND	ug/L	1	0.23	0.83	
2-Chlorotoluene	ND	ug/L	1	0.20	0.71	
4-Chlorotoluene	ND	ug/L	1	0.24	0.85	
Dibromochloromethane	ND	ug/L	1	0.20	0.69	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.75	
1,2-Dibromoethane	ND	ug/L	1	0.20	0.71	
Dibromomethane	ND	ug/L	1	0.28	0.98	
1,2-Dichlorobenzene	ND	ug/L	1	0.16	0.56	
1,3-Dichlorobenzene	ND	ug/L	1	0.23	0.80	
1,4-Dichlorobenzene	ND	ug/L	1	0.22	0.79	
Dichlorodifluoromethane	ND	ug/L	1	0.29	1.0	
1,1-Dichloroethane	ND	ug/L	1	0.21	0.74	
1,2-Dichloroethane	ND	ug/L	1	0.16	0.58	
1,1-Dichloroethene	ND	ug/L	1	0.21	0.74	
cis-1,2-Dichloroethene	[0.29]	ug/L	1	0.20	0.72	
trans-1,2-Dichloroethene	ND	ug/L	1	0.26	0.92	
1,2-Dichloropropane	ND	ug/L	1	0.22	0.77	
1,3-Dichloropropane	ND	ug/L	1	0.23	0.82	
2,2-Dichloropropane	ND	ug/L	1	0.14	0.50	
1,1-Dichloropropene	ND	ug/L	1	0.22	0.79	
cis-1,3-Dichloropropene	ND	ug/L	1	0.19	0.66	
trans-1,3-Dichloropropene	ND	ug/L	1	0.18	0.64	
Ethylbenzene	ND	ug/L	1	0.21	0.73	
Hexachlorobutadiene	ND	ug/L	1	0.45	1.6	
Isopropylbenzene	ND	ug/L	1	0.22	0.77	
p-Isopropyltoluene	ND	ug/L	1	0.19	0.68	
Methylene chloride	ND	ug/L	1	0.48	1.7	
Naphthalene	ND	ug/L	1	0.41	1.4	
n-Propylbenzene	ND	ug/L	1	0.21	0.75	
ortho-Xylene	ND	ug/L	1	0.24	0.85	
Styrene	ND	ug/L	1	0.17	0.61	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.21	0.76	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.25	0.88	
Tetrachloroethene	2.2	ug/L	1	0.21	0.73	
Toluene	ND	ug/L	1	0.17	0.61	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.27	0.94	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.32	1.1	
1,1,1-Trichloroethane	ND	ug/L	1	0.22	0.77	
1,1,2-Trichloroethane	ND	ug/L	1	0.23	0.80	
Trichloroethene	[0.25]	ug/L	1	0.17	0.59	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SAT2W Printed: 04/15/2010 14:56

Sample: 557048 MW-4B Collected: 03/24/10 Analyzed: 03/30/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.32	1.1	
1,2,3-Trichloropropane	ND	ug/L	1	0.34	1.2	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.18	0.64	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.20	0.69	
Vinyl chloride	ND	ug/L	1	0.18	0.65	
meta,para-Xylene	ND	ug/L	1	0.33	1.2	
MTBE	ND	ug/L	1	0.28	1.0	
Isopropyl ether	ND	ug/L	1	0.25	0.87	
Dibromofluoromethane (SURR)	111%					S
Toluene-d8 (SURR)	114%					S
1-Bromo-4-Fluorobenzene (SURR)	106%					S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SAT2W Printed: 04/15/2010 14:56

Sample: 557049 TW-1 Collected: 03/24/10 Analyzed: 03/31/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.20	0.69	
Bromobenzene	ND	ug/L	1	0.22	0.79	
Bromochloromethane	ND	ug/L	1	0.26	0.94	
Bromodichloromethane	ND	ug/L	1	0.26	0.91	
Bromoform	ND	ug/L	1	0.35	1.2	
Bromomethane	ND	ug/L	1	0.26	0.92	
n-Butylbenzene	ND	ug/L	1	0.18	0.64	
sec-Butylbenzene	ND	ug/L	1	0.20	0.69	
tert-Butylbenzene	ND	ug/L	1	0.21	0.73	
Carbon Tetrachloride	ND	ug/L	1	0.27	0.97	
Chlorobenzene	ND	ug/L	1	0.20	0.73	
Chloroethane	ND	ug/L	1	1.5	5.4	
Chloroform	ND	ug/L	1	0.20	0.72	
Chloromethane	ND	ug/L	1	0.23	0.83	
2-Chlorotoluene	ND	ug/L	1	0.20	0.71	
4-Chlorotoluene	ND	ug/L	1	0.24	0.85	
Dibromochloromethane	ND	ug/L	1	0.20	0.69	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.75	
1,2-Dibromoethane	ND	ug/L	1	0.20	0.71	
Dibromomethane	ND	ug/L	1	0.28	0.98	
1,2-Dichlorobenzene	ND	ug/L	1	0.16	0.56	
1,3-Dichlorobenzene	ND	ug/L	1	0.23	0.80	
1,4-Dichlorobenzene	ND	ug/L	1	0.22	0.79	
Dichlorodifluoromethane	ND	ug/L	1	0.29	1.0	
1,1-Dichloroethane	ND	ug/L	1	0.21	0.74	
1,2-Dichloroethane	ND	ug/L	1	0.16	0.58	
1,1-Dichloroethene	ND	ug/L	1	0.21	0.74	
cis-1,2-Dichloroethene	3.0	ug/L	1	0.20	0.72	
trans-1,2-Dichloroethene	0.93	ug/L	1	0.26	0.92	
1,2-Dichloropropane	ND	ug/L	1	0.22	0.77	
1,3-Dichloropropane	ND	ug/L	1	0.23	0.82	
2,2-Dichloropropane	ND	ug/L	1	0.14	0.50	
1,1-Dichloropropene	ND	ug/L	1	0.22	0.79	
cis-1,3-Dichloropropene	ND	ug/L	1	0.19	0.66	
trans-1,3-Dichloropropene	ND	ug/L	1	0.18	0.64	
Ethylbenzene	ND	ug/L	1	0.21	0.73	
Hexachlorobutadiene	ND	ug/L	1	0.45	1.6	
Isopropylbenzene	ND	ug/L	1	0.22	0.77	
p-Isopropyltoluene	ND	ug/L	1	0.19	0.68	
Methylene chloride	ND	ug/L	1	0.48	1.7	
Naphthalene	ND	ug/L	1	0.41	1.4	
n-Propylbenzene	ND	ug/L	1	0.21	0.75	
ortho-Xylene	ND	ug/L	1	0.24	0.85	
Styrene	ND	ug/L	1	0.17	0.61	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.21	0.76	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.25	0.88	
Tetrachloroethene	1.3	ug/L	1	0.21	0.73	
Toluene	[0.23]	ug/L	1	0.17	0.61	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.27	0.94	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.32	1.1	
1,1,1-Trichloroethane	ND	ug/L	1	0.22	0.77	
1,1,2-Trichloroethane	ND	ug/L	1	0.23	0.80	
Trichloroethene	0.91	ug/L	1	0.17	0.59	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SAT2W Printed: 04/15/2010 14:56

Sample: 557049 TW-1 Collected: 03/24/10 Analyzed: 03/31/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.32	1.1	
1,2,3-Trichloropropane	ND	ug/L	1	0.34	1.2	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.18	0.64	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.20	0.69	
Vinyl chloride	1.1	ug/L	1	0.18	0.65	
meta,para-Xylene	ND	ug/L	1	0.33	1.2	
MTBE	ND	ug/L	1	0.28	1.0	
Isopropyl ether	ND	ug/L	1	0.25	0.87	
Dibromofluoromethane (SURR)	116%					S
Toluene-d8 (SURR)	114%					S
1-Bromo-4-Fluorobenzene (SURR)	116%					S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SAT2W Printed: 04/15/2010 14:56

Sample: 557050 TW-2 Collected: 03/24/10 Analyzed: 03/30/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	400	78	280	
Bromobenzene	ND	ug/L	400	89	320	
Bromochloromethane	ND	ug/L	400	110	370	
Bromodichloromethane	ND	ug/L	400	100	360	
Bromoform	ND	ug/L	400	140	490	
Bromomethane	ND	ug/L	400	100	370	
n-Butylbenzene	ND	ug/L	400	72	260	
sec-Butylbenzene	ND	ug/L	400	78	280	
tert-Butylbenzene	ND	ug/L	400	82	290	
Carbon Tetrachloride	ND	ug/L	400	110	390	
Chlorobenzene	ND	ug/L	400	82	290	
Chloroethane	ND	ug/L	400	610	2200	
Chloroform	ND	ug/L	400	81	290	
Chloromethane	ND	ug/L	400	93	330	
2-Chlorotoluene	ND	ug/L	400	80	290	
4-Chlorotoluene	ND	ug/L	400	96	340	
Dibromochloromethane	ND	ug/L	400	78	280	
1,2-Dibromo-3-Chloropropane	ND	ug/L	400	84	300	
1,2-Dibromoethane	ND	ug/L	400	80	280	
Dibromomethane	ND	ug/L	400	110	390	
1,2-Dichlorobenzene	ND	ug/L	400	63	220	
1,3-Dichlorobenzene	ND	ug/L	400	90	320	
1,4-Dichlorobenzene	ND	ug/L	400	89	310	
Dichlorodifluoromethane	ND	ug/L	400	120	410	
1,1-Dichloroethane	ND	ug/L	400	83	300	
1,2-Dichloroethane	ND	ug/L	400	66	230	
1,1-Dichloroethene	ND	ug/L	400	83	290	
cis-1,2-Dichloroethene	3700	ug/L	400	81	290	
trans-1,2-Dichloroethene	ND	ug/L	400	100	370	
1,2-Dichloropropane	ND	ug/L	400	87	310	
1,3-Dichloropropane	ND	ug/L	400	93	330	
2,2-Dichloropropane	ND	ug/L	400	56	200	
1,1-Dichloropropene	ND	ug/L	400	89	320	
cis-1,3-Dichloropropene	ND	ug/L	400	75	270	
trans-1,3-Dichloropropene	ND	ug/L	400	72	260	
Ethylbenzene	ND	ug/L	400	83	290	
Hexachlorobutadiene	ND	ug/L	400	180	630	
Isopropylbenzene	ND	ug/L	400	86	310	
p-Isopropyltoluene	ND	ug/L	400	76	270	
Methylene chloride	ND	ug/L	400	190	680	
Naphthalene	ND	ug/L	400	160	570	
n-Propylbenzene	ND	ug/L	400	84	300	
ortho-Xylene	ND	ug/L	400	96	340	
Styrene	ND	ug/L	400	68	240	
1,1,1,2-Tetrachloroethane	ND	ug/L	400	86	300	
1,1,2,2-Tetrachloroethane	ND	ug/L	400	99	350	
Tetrachloroethene	530	ug/L	400	82	290	
Toluene	ND	ug/L	400	68	240	
1,2,3-Trichlorobenzene	ND	ug/L	400	110	380	
1,2,4-Trichlorobenzene	ND	ug/L	400	130	450	
1,1,1-Trichloroethane	ND	ug/L	400	87	310	
1,1,2-Trichloroethane	ND	ug/L	400	90	320	
Trichloroethene	640	ug/L	400	67	240	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SAT2W Printed: 04/15/2010 14:56

Sample: 557050 TW-2 Collected: 03/24/10 Analyzed: 03/30/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	400	130	450	
1,2,3-Trichloropropane	ND	ug/L	400	140	480	
1,2,4-Trimethylbenzene	ND	ug/L	400	72	260	
1,3,5-Trimethylbenzene	ND	ug/L	400	78	280	
Vinyl chloride	680	ug/L	400	74	260	
meta,para-Xylene	ND	ug/L	400	130	470	
MTBE	ND	ug/L	400	110	400	
Isopropyl ether	ND	ug/L	400	98	350	
Dibromofluoromethane (SURR)	115%					S
Toluene-d8 (SURR)	117%					S
1-Bromo-4-Fluorobenzene (SURR)	107%					S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SAT2W Printed: 04/15/2010 14:56

Sample: 557051 TW-3 Collected: 03/24/10 Analyzed: 03/30/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	50	9.8	35	
Bromobenzene	ND	ug/L	50	11	40	
Bromochloromethane	ND	ug/L	50	13	47	
Bromodichloromethane	ND	ug/L	50	13	45	
Bromoform	ND	ug/L	50	17	62	
Bromomethane	ND	ug/L	50	13	46	
n-Butylbenzene	ND	ug/L	50	9.1	32	
sec-Butylbenzene	ND	ug/L	50	9.8	35	
tert-Butylbenzene	ND	ug/L	50	10	36	
Carbon Tetrachloride	ND	ug/L	50	14	48	
Chlorobenzene	ND	ug/L	50	10	36	
Chloroethane	ND	ug/L	50	76	270	
Chloroform	ND	ug/L	50	10	36	
Chloromethane	ND	ug/L	50	12	41	
2-Chlorotoluene	ND	ug/L	50	10	36	
4-Chlorotoluene	ND	ug/L	50	12	43	
Dibromochloromethane	ND	ug/L	50	9.8	35	
1,2-Dibromo-3-Chloropropane	ND	ug/L	50	11	37	
1,2-Dibromoethane	ND	ug/L	50	10	35	
Dibromomethane	ND	ug/L	50	14	49	
1,2-Dichlorobenzene	ND	ug/L	50	7.9	28	
1,3-Dichlorobenzene	ND	ug/L	50	11	40	
1,4-Dichlorobenzene	ND	ug/L	50	11	39	
Dichlorodifluoromethane	ND	ug/L	50	14	51	
1,1-Dichloroethane	ND	ug/L	50	10	37	
1,2-Dichloroethane	ND	ug/L	50	8.2	29	
1,1-Dichloroethene	ND	ug/L	50	10	37	
cis-1,2-Dichloroethene	450	ug/L	50	10	36	
trans-1,2-Dichloroethene	ND	ug/L	50	13	46	
1,2-Dichloropropane	ND	ug/L	50	11	39	
1,3-Dichloropropane	ND	ug/L	50	12	41	
2,2-Dichloropropane	ND	ug/L	50	7.1	25	
1,1-Dichloropropene	ND	ug/L	50	11	40	
cis-1,3-Dichloropropene	ND	ug/L	50	9.4	33	
trans-1,3-Dichloropropene	ND	ug/L	50	9.1	32	
Ethylbenzene	ND	ug/L	50	10	37	
Hexachlorobutadiene	ND	ug/L	50	22	79	
Isopropylbenzene	ND	ug/L	50	11	38	
p-Isopropyltoluene	ND	ug/L	50	9.5	34	
Methylene chloride	ND	ug/L	50	24	85	
Naphthalene	ND	ug/L	50	20	72	
n-Propylbenzene	ND	ug/L	50	11	37	
ortho-Xylene	ND	ug/L	50	12	42	
Styrene	ND	ug/L	50	8.6	30	
1,1,1,2-Tetrachloroethane	ND	ug/L	50	11	38	
1,1,2,2-Tetrachloroethane	ND	ug/L	50	12	44	
Tetrachloroethene	92	ug/L	50	10	36	
Toluene	ND	ug/L	50	8.6	30	
1,2,3-Trichlorobenzene	ND	ug/L	50	14	47	
1,2,4-Trichlorobenzene	ND	ug/L	50	16	56	
1,1,1-Trichloroethane	ND	ug/L	50	11	39	
1,1,2-Trichloroethane	ND	ug/L	50	11	40	
Trichloroethene	77	ug/L	50	8.4	30	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SAT2W Printed: 04/15/2010 14:56

Sample: 557051 TW-3 Collected: 03/24/10 Analyzed: 03/30/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	50	16	56	
1,2,3-Trichloropropane	ND	ug/L	50	17	60	
1,2,4-Trimethylbenzene	ND	ug/L	50	9.1	32	
1,3,5-Trimethylbenzene	ND	ug/L	50	9.8	35	
Vinyl chloride	ND	ug/L	50	9.2	33	
meta,para-Xylene	ND	ug/L	50	17	59	
MTBE	ND	ug/L	50	14	50	
Isopropyl ether	ND	ug/L	50	12	43	
Dibromofluoromethane (SURR)	114%					S
Toluene-d8 (SURR)	128%					S
1-Bromo-4-Fluorobenzene (SURR)	108%					S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SAT2W Printed: 04/15/2010 14:56

Sample: 557052 Dup-2 Collected: 03/24/10 Analyzed: 03/31/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1250	240	860	
Bromobenzene	ND	ug/L	1250	280	990	
Bromochloromethane	ND	ug/L	1250	330	1200	
Bromodichloromethane	ND	ug/L	1250	320	1100	
Bromoform	ND	ug/L	1250	440	1500	
Bromomethane	ND	ug/L	1250	320	1100	
n-Butylbenzene	ND	ug/L	1250	230	800	
sec-Butylbenzene	ND	ug/L	1250	240	860	
tert-Butylbenzene	ND	ug/L	1250	260	910	
Carbon Tetrachloride	ND	ug/L	1250	340	1200	
Chlorobenzene	ND	ug/L	1250	260	910	
Chloroethane	ND	ug/L	1250	1900	6700	
Chloroform	ND	ug/L	1250	250	890	
Chloromethane	ND	ug/L	1250	290	1000	
2-Chlorotoluene	ND	ug/L	1250	250	890	
4-Chlorotoluene	ND	ug/L	1250	300	1100	
Dibromochloromethane	ND	ug/L	1250	240	860	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1250	260	930	
1,2-Dibromoethane	ND	ug/L	1250	250	890	
Dibromomethane	ND	ug/L	1250	350	1200	
1,2-Dichlorobenzene	ND	ug/L	1250	200	700	
1,3-Dichlorobenzene	ND	ug/L	1250	280	1000	
1,4-Dichlorobenzene	ND	ug/L	1250	280	980	
Dichlorodifluoromethane	ND	ug/L	1250	360	1300	
1,1-Dichloroethane	ND	ug/L	1250	260	920	
1,2-Dichloroethane	ND	ug/L	1250	210	730	
1,1-Dichloroethene	ND	ug/L	1250	260	920	
cis-1,2-Dichloroethene	15000	ug/L	1250	250	890	
trans-1,2-Dichloroethene	ND	ug/L	1250	330	1200	
1,2-Dichloropropane	ND	ug/L	1250	270	960	
1,3-Dichloropropane	ND	ug/L	1250	290	1000	
2,2-Dichloropropane	ND	ug/L	1250	180	630	
1,1-Dichloropropene	ND	ug/L	1250	280	990	
cis-1,3-Dichloropropene	ND	ug/L	1250	230	830	
trans-1,3-Dichloropropene	ND	ug/L	1250	230	800	
Ethylbenzene	ND	ug/L	1250	260	920	
Hexachlorobutadiene	ND	ug/L	1250	560	2000	
Isopropylbenzene	ND	ug/L	1250	270	960	
p-Isopropyltoluene	ND	ug/L	1250	240	840	
Methylene chloride	ND	ug/L	1250	600	2100	
Naphthalene	ND	ug/L	1250	510	1800	
n-Propylbenzene	ND	ug/L	1250	260	930	
ortho-Xylene	ND	ug/L	1250	300	1100	
Styrene	ND	ug/L	1250	210	760	
1,1,1,2-Tetrachloroethane	ND	ug/L	1250	270	950	
1,1,2,2-Tetrachloroethane	ND	ug/L	1250	310	1100	
Tetrachloroethene	1600	ug/L	1250	260	910	
Toluene	ND	ug/L	1250	210	760	
1,2,3-Trichlorobenzene	ND	ug/L	1250	340	1200	
1,2,4-Trichlorobenzene	ND	ug/L	1250	400	1400	
1,1,1-Trichloroethane	ND	ug/L	1250	270	970	
1,1,2-Trichloroethane	ND	ug/L	1250	280	1000	
Trichloroethene	1500	ug/L	1250	210	740	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SAT2W Printed: 04/15/2010 14:56

Sample: 557052 Dup-2 Collected: 03/24/10 Analyzed: 03/31/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1250	400	1400	
1,2,3-Trichloropropane	ND	ug/L	1250	430	1500	
1,2,4-Trimethylbenzene	ND	ug/L	1250	230	800	
1,3,5-Trimethylbenzene	ND	ug/L	1250	250	870	
Vinyl chloride	1700	ug/L	1250	230	810	
meta,para-Xylene	ND	ug/L	1250	420	1500	
MTBE	ND	ug/L	1250	350	1300	
Isopropyl ether	ND	ug/L	1250	310	1100	
Dibromofluoromethane (SURR)	104%					S
Toluene-d8 (SURR)	122%					S
1-Bromo-4-Fluorobenzene (SURR)	107%					S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SAT2W Printed: 04/15/2010 14:56

Sample: 557053 Trip Blank Collected: 03/24/10 Analyzed: 03/31/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.20	0.69	
Bromobenzene	ND	ug/L	1	0.22	0.79	
Bromochloromethane	ND	ug/L	1	0.26	0.94	
Bromodichloromethane	ND	ug/L	1	0.26	0.91	
Bromoform	ND	ug/L	1	0.35	1.2	
Bromomethane	ND	ug/L	1	0.26	0.92	
n-Butylbenzene	ND	ug/L	1	0.18	0.64	
sec-Butylbenzene	ND	ug/L	1	0.20	0.69	
tert-Butylbenzene	ND	ug/L	1	0.21	0.73	
Carbon Tetrachloride	ND	ug/L	1	0.27	0.97	
Chlorobenzene	ND	ug/L	1	0.20	0.73	
Chloroethane	ND	ug/L	1	1.5	5.4	
Chloroform	ND	ug/L	1	0.20	0.72	
Chloromethane	ND	ug/L	1	0.23	0.83	
2-Chlorotoluene	ND	ug/L	1	0.20	0.71	
4-Chlorotoluene	ND	ug/L	1	0.24	0.85	
Dibromochloromethane	ND	ug/L	1	0.20	0.69	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.75	
1,2-Dibromoethane	ND	ug/L	1	0.20	0.71	
Dibromomethane	ND	ug/L	1	0.28	0.98	
1,2-Dichlorobenzene	ND	ug/L	1	0.16	0.56	
1,3-Dichlorobenzene	ND	ug/L	1	0.23	0.80	
1,4-Dichlorobenzene	ND	ug/L	1	0.22	0.79	
Dichlorodifluoromethane	ND	ug/L	1	0.29	1.0	
1,1-Dichloroethane	ND	ug/L	1	0.21	0.74	
1,2-Dichloroethane	ND	ug/L	1	0.16	0.58	
1,1-Dichloroethene	ND	ug/L	1	0.21	0.74	
cis-1,2-Dichloroethene	ND	ug/L	1	0.20	0.72	
trans-1,2-Dichloroethene	ND	ug/L	1	0.26	0.92	
1,2-Dichloropropane	ND	ug/L	1	0.22	0.77	
1,3-Dichloropropane	ND	ug/L	1	0.23	0.82	
2,2-Dichloropropane	ND	ug/L	1	0.14	0.50	
1,1-Dichloropropene	ND	ug/L	1	0.22	0.79	
cis-1,3-Dichloropropene	ND	ug/L	1	0.19	0.66	
trans-1,3-Dichloropropene	ND	ug/L	1	0.18	0.64	
Ethylbenzene	ND	ug/L	1	0.21	0.73	
Hexachlorobutadiene	ND	ug/L	1	0.45	1.6	
Isopropylbenzene	ND	ug/L	1	0.22	0.77	
p-Isopropyltoluene	ND	ug/L	1	0.19	0.68	
Methylene chloride	ND	ug/L	1	0.48	1.7	
Naphthalene	ND	ug/L	1	0.41	1.4	
n-Propylbenzene	ND	ug/L	1	0.21	0.75	
ortho-Xylene	ND	ug/L	1	0.24	0.85	
Styrene	ND	ug/L	1	0.17	0.61	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.21	0.76	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.25	0.88	
Tetrachloroethene	ND	ug/L	1	0.21	0.73	
Toluene	ND	ug/L	1	0.17	0.61	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.27	0.94	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.32	1.1	
1,1,1-Trichloroethane	ND	ug/L	1	0.22	0.77	
1,1,2-Trichloroethane	ND	ug/L	1	0.23	0.80	
Trichloroethene	ND	ug/L	1	0.17	0.59	

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)
Customer: NewFields Companies LLC NLS Project: 143024
Project Description: DB Oak/0451-003-800
Project Title: Template: SAT2W Printed: 04/15/2010 14:56

Sample: 557053 Trip Blank Collected: 03/24/10 Analyzed: 03/31/10 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.32	1.1	
1,2,3-Trichloropropane	ND	ug/L	1	0.34	1.2	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.18	0.64	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.20	0.69	
Vinyl chloride	ND	ug/L	1	0.18	0.65	
meta,para-Xylene	ND	ug/L	1	0.33	1.2	
MTBE	ND	ug/L	1	0.28	1.0	
Isopropyl ether	ND	ug/L	1	0.25	0.87	
Dibromofluoromethane (SURR)	110%					S
Toluene-d8 (SURR)	130%					S
1-Bromo-4-Fluorobenzene (SURR)	106%					S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue • Crandon, WI 54520-1298
Tel: (715) 478-2777 • Fax: (715) 478-3060
Wisconsin Lab Cert. No. 721026460
WI DATCP 105-000330

NO. 122074

CLIENT	New Fields
ADDRESS	2110 Luna Ln Ste 101
CITY / STATE / ZIP	Madison WI 53713
PROJECT DESCRIPTION / NO.	DBoak / 0451-003-800
QUOTATION NO.	
DNR FID #	
DNR LICENSE #	
CONTACT	Mark McCulloch
PHONE	608-442-5223
PURCHASE ORDER NO.	
FAX	608-442-9013

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
DW = drinking water
TIS = tissue
AIR = air
SOIL = soil
SED = sediment
PROD = product
SL = sludge
OTHER

USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered.
Indicate G or C if WW Sample is Grab or Composite.

ITEM NO.	NLS LAB NO	SAMPLE ID	COLLECTION DATE	COLLECTION TIME	MATRIX (See above)	ANALYZE PER ORDER OF ANALYSIS: VOCs	Sulfate	Nitrate									COLLECTION REMARKS (i.e. DNR Well ID #)
							N	N	N								
							G	G	G								
1.	557027	MW-1	3/23/10	0840	GW	X											
2.	028	MW-5	"	0830	"	"											
3.	029	MW-6 LINK		0850													
4.	030	MW-6A		0900													557027
5.	031	MW-7		1245			X	X									L53
6.	032	MW-7A		1250			X	X									
7.	033	MW-7B LINK		1300			X	X									
8.	034	MW-8		0930													
9.	035	MW-8A		0940													
10.	036	MW-8B	↓	1010	↓	↓											

COLLECTED BY (signature)	CUSTODY SEAL NO. (IF ANY)	DATE/TIME
RELINQUISHED BY (signature)	RECEIVED BY (signature) 3/24/10 1400	DATE/TIME
DISPATCHED BY (signature)	METHOD OF TRANSPORT Dunham Express	DATE/TIME

REPORT TO: Mark McCulloch

INVOICE TO: same

RECEIVED AT NLS BY (signature)	DATE/TIME 3/25/10 830	CONDITION	TEMP.
COOLER #	REMARKS & OTHER INFORMATION ASX		
	WDNR FACILITY NUMBER	E-MAIL ADDRESS	

PRESERVATIVE:
NP = no preservative
S = sulfuric acid
N = nitric acid
Z = zinc acetate
M = methanol
OH = sodium hydroxide
HA = hydrochloric & ascorbic acid
H = hydrochloric acid

IMPORTANT

1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
2. PLEASE USE ONE LINE PER SAMPLE, **NOT** PER BOTTLE.
3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.
4. PARTIES COLLECTING SAMPLE, LISTED AS **REPORT TO** AND LISTED AS **INVOICE TO** AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

DUPLICATE COPY

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue • Crandon, WI 54520-1298
Tel: (715) 478-2777 • Fax: (715) 478-3060
Wisconsin Lab Cert. No. 721026460
WI DATCP 105-000330

2 of 3

CLIENT	NewFields
ADDRESS	2110 Luann Lane Ste 101
CITY / STATE / ZIP	Madison / WI / 53713
PROJECT DESCRIPTION / NO.	DNR Rule / 0451-003-800
QUOTATION NO.	
DNR FID #	
DNR LICENSE #	
CONTACT	Mark McCulloch
PHONE	608-442-5223
PURCHASE ORDER NO.	
FAX	608-442-9013

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
DW = drinking water
TIS = tissue
AIR = air
SOIL = soil
SED = sediment
PROD = product
SL = sludge
OTHER

NO. 122075

ITEM NO.	NLS LAB NO.	SAMPLE ID	COLLECTION DATE	COLLECTION TIME	MATRIX (See above)	ANALYZE PER ORDER OF ANALYSIS: VOCs	Sulfate	Nitrate									COLLECTION REMARKS (i.e. DNR Well ID #)
		USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered. Indicate G or C if WW Sample is Grab or Composite.															
							2G	2G	2G								
1.	0357	IW-01	3/23/10	1430	GW		X	X	X								
2.	0362	Dup-1	↓					X	X								
3.	0367	MW-2	3/24/10	0740				X									
4.	0372	MW-2A		0750				X	X								
5.	0377	MW-2B		0730				X									
6.	0382	MW-3		1245				X	X								
7.	0387	MW-3A		1230				X	X								
8.	0392	MW-3B		1200				X	X								
9.	0397	MW-3C		1300				X	X								
10.	0402	MW-4	↓	0920	↓		↓	X	X								

COLLECTED BY (signature)	CUSTODY SEAL NO. (IF ANY)	DATE/TIME
RELINQUISHED BY (signature)	RECEIVED BY (signature) 3/24/10 1400	DATE/TIME
DISPATCHED BY (signature)	METHOD OF TRANSPORT Dunlap Express	DATE/TIME

RECEIVED AT NLS BY (signature)	DATE/TIME 3/25/10 8:20	CONDITION	TEMP.
COOLER #	REMARKS & OTHER INFORMATION		
	WDNR FACILITY NUMBER	E-MAIL ADDRESS	

PRESERVATIVE:
NP = no preservative
S = sulfuric acid
N = nitric acid
Z = zinc acetate
M = methanol
OH = sodium hydroxide
HA = hydrochloric & ascorbic acid
H = hydrochloric acid

REPORT TO: Mark McCulloch

INVOICE TO: Same

IMPORTANT:
1. TO MEET REGULATORY REQUIREMENTS, THIS FORM MUST BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
2. PLEASE USE ONE LINE PER SAMPLE, NOT PER BOTTLE.
3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.
4. PARTIES COLLECTING SAMPLE, LISTED AS REPORT TO AND LISTED AS INVOICE TO AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

DUPLICATE COPY

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

NORTHERN LAKE SERVICE, INC.

Wisconsin Lab Cert. No. 721026460
WI DATCP 105-000330

Analytical Laboratory and Environmental Services

400 North Lake Avenue • Crandon, WI 54520-1298
Tel: (715) 478-2777 • Fax: (715) 478-3060

3 of 3

NO. 122076

CLIENT	New Fields
ADDRESS	2110 Luann Ln Ste 101
CITY / STATE / ZIP	Madison / WI / 53713
PROJECT DESCRIPTION / NO.	NR oak / 0451-003-800
QUOTATION NO.	
DNR FID #	
DNR LICENSE #	
CONTACT	Mark McCollach
PHONE	608-442-5223
PURCHASE ORDER NO.	
FAX	608-442-9013

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
DW = drinking water
TIS = tissue
AIR = air
SOIL = soil
SED = sediment
PROD = product
SL = sludge
OTHER

USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered.
Indicate G or C if WW Sample is Grab or Composite.

ITEM NO.	NLS LAB NO.	SAMPLE ID	COLLECTION DATE	COLLECTION TIME	MATRIX (See above)	ANALYZE PER ORDER OF ANALYSIS: VOCs	Sulfate	Nitrate										COLLECTION REMARKS (i.e. DNR Well ID #)
							N	N	G									
1.	0947	MW-4A	3/24/10	0910	GW	X	X	X										
2.	0948	MW-4B		1015			X											
3.	0949	TW-1		1220			X	X										
4.	0950	TW-2		1100			X	X										
5.	0951	TW-3		1210			X	X										
6.	1552	Dup-2																
7.	0953	Trip Blank																
8.																		
9.																		
10.																		

COLLECTED BY (signature)	CUSTODY SEAL NO. (IF ANY)	DATE/TIME
RELINQUISHED BY (signature)	RECEIVED BY (signature) 3/24/10 1400	DATE/TIME
DISPATCHED BY (signature)	METHOD OF TRANSPORT: Dunham Express	DATE/TIME

RECEIVED AT NLS BY (signature)	DATE/TIME 3/25/10 X30	CONDITION	TEMP.
COOLER #	REMARKS & OTHER INFORMATION		
PRESERVATIVE: NP = no preservative; S = sulfuric acid; N = nitric acid; M = methanol; Z = zinc acetate; H = hydrochloric acid; OH = sodium hydroxide; HA = hydrochloric & ascorbic acid	WDNR FACILITY NUMBER	E-MAIL ADDRESS	

REPORT TO: Mark McCollach

INVOICE TO: Same

IMPORTANT

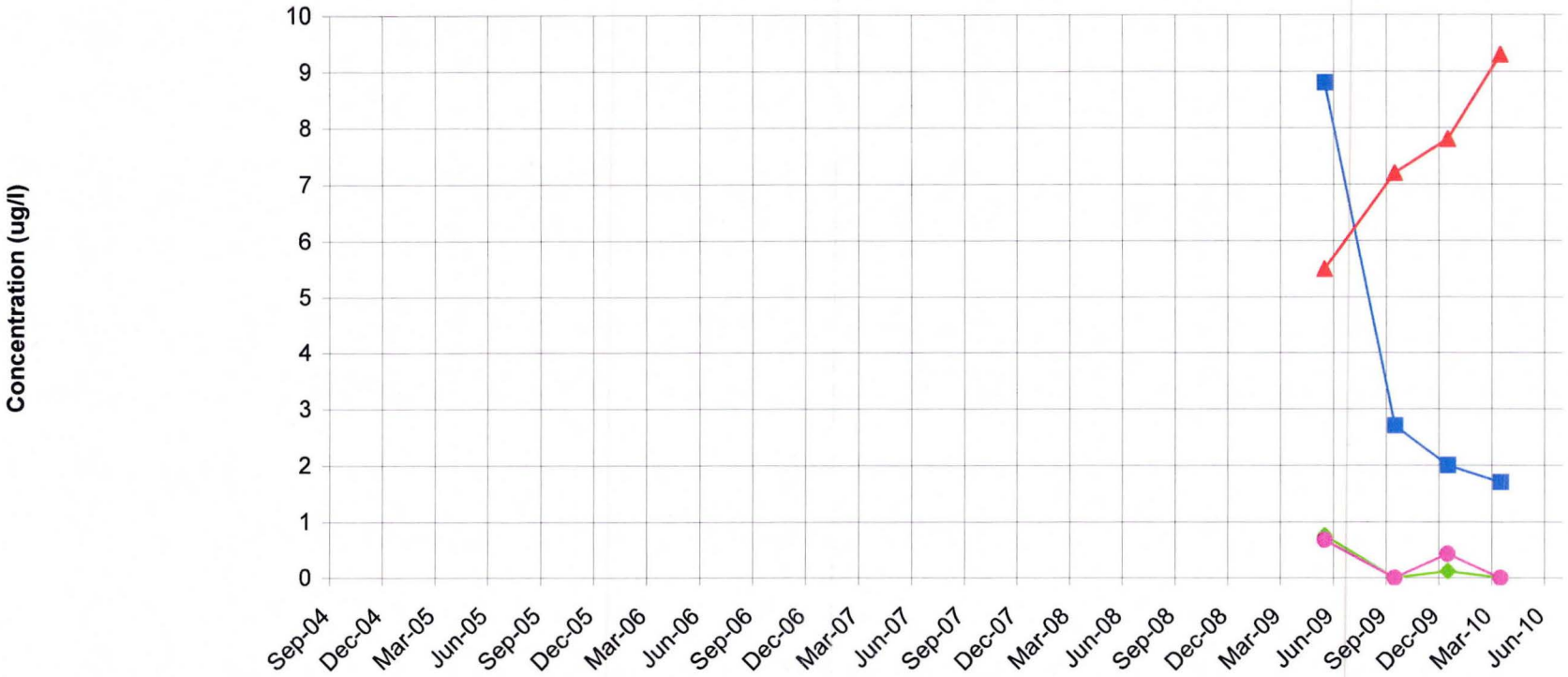
1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
2. PLEASE USE ONE LINE PER SAMPLE, **NOT** PER BOTTLE.
3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.
4. PARTIES COLLECTING SAMPLE, LISTED AS **REPORT TO** AND LISTED AS **INVOICE TO** AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

DUPLICATE COPY

Appendix D

Time Verses Concentration Graphs

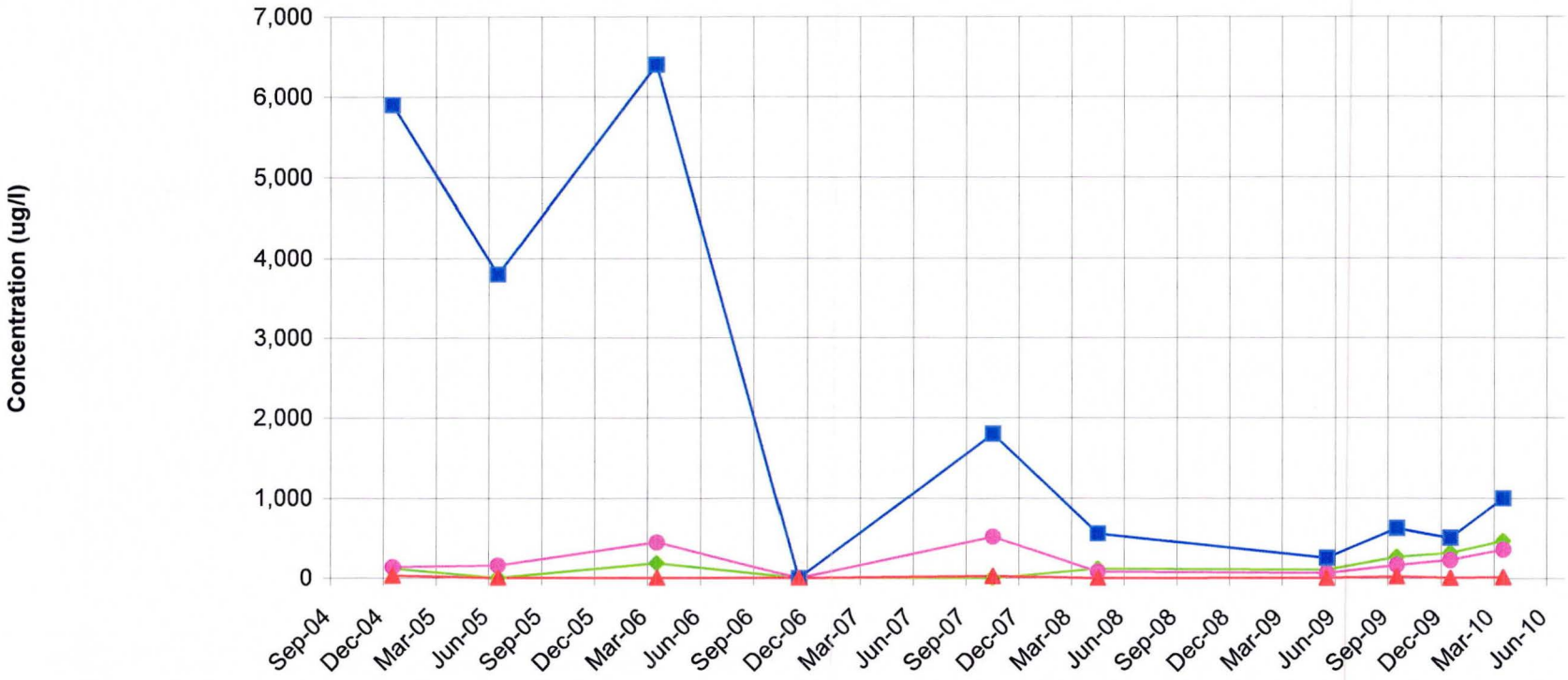
DB Oak
Time vs. Concentration at IW-01



	5/26/09	9/22/09	12/2/09	3/23/10
PCE	0.76	0	0.12	0
TCE	0.68	0	0.43	0
cis-1,2-DCE	8.8	2.7	2	1.7
Vinyl Chloride	5.5	7.2	7.8	9.3

Date

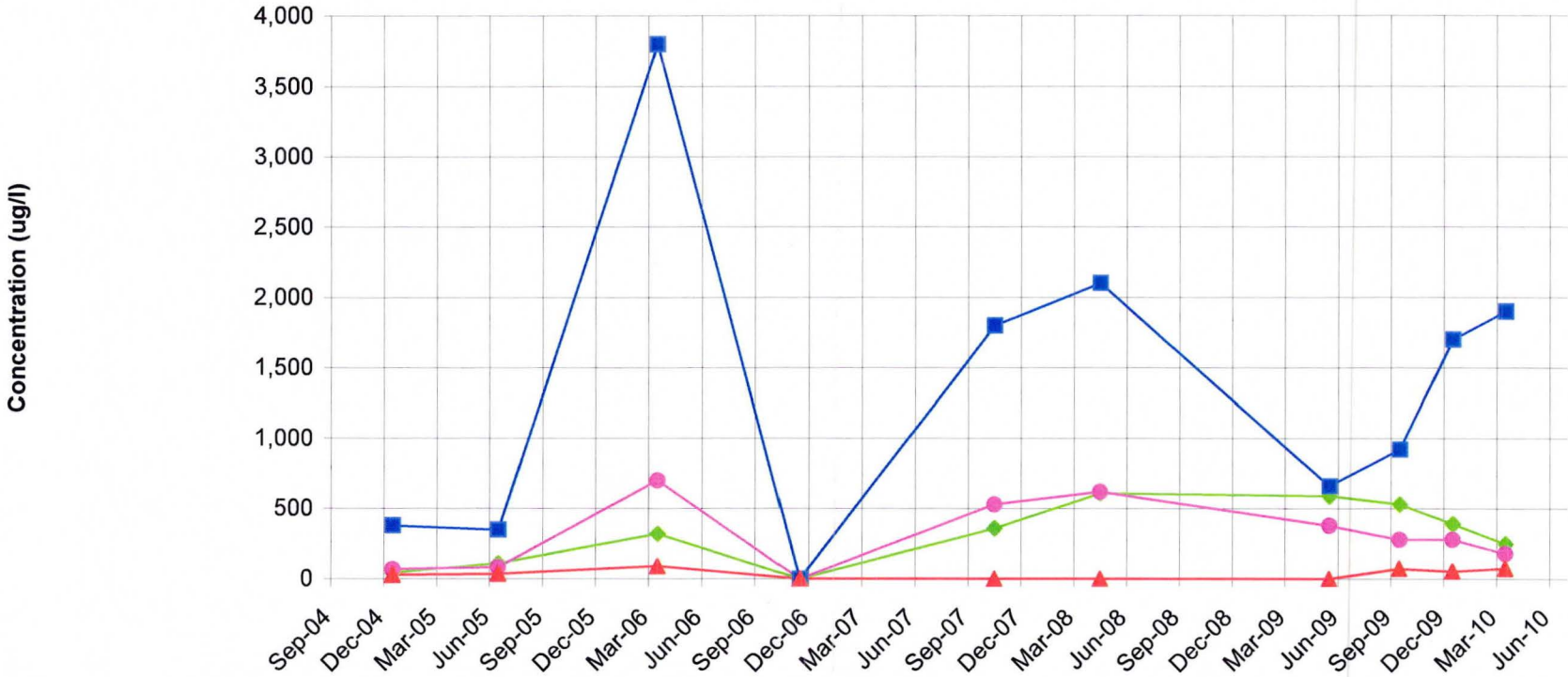
DB Oak
Time vs. Concentration at MW-2



	12/16/04	6/1/05	3/28/06	11/2/06	10/25/07	4/21/08	5/26/09	9/22/09	12/2/09	3/23/10
PCE	120	0	190	0	0	120	110	270	320	470
TCE	140	160	450	0	520	85	69	170	230	360
cis-1,2-DCE	5,900	3,800	6,400	0	1,800	560	260	630	510	1,000
Vinyl Chloride	33	0	0	0	27	0	6.9	25	6.5	17

Date

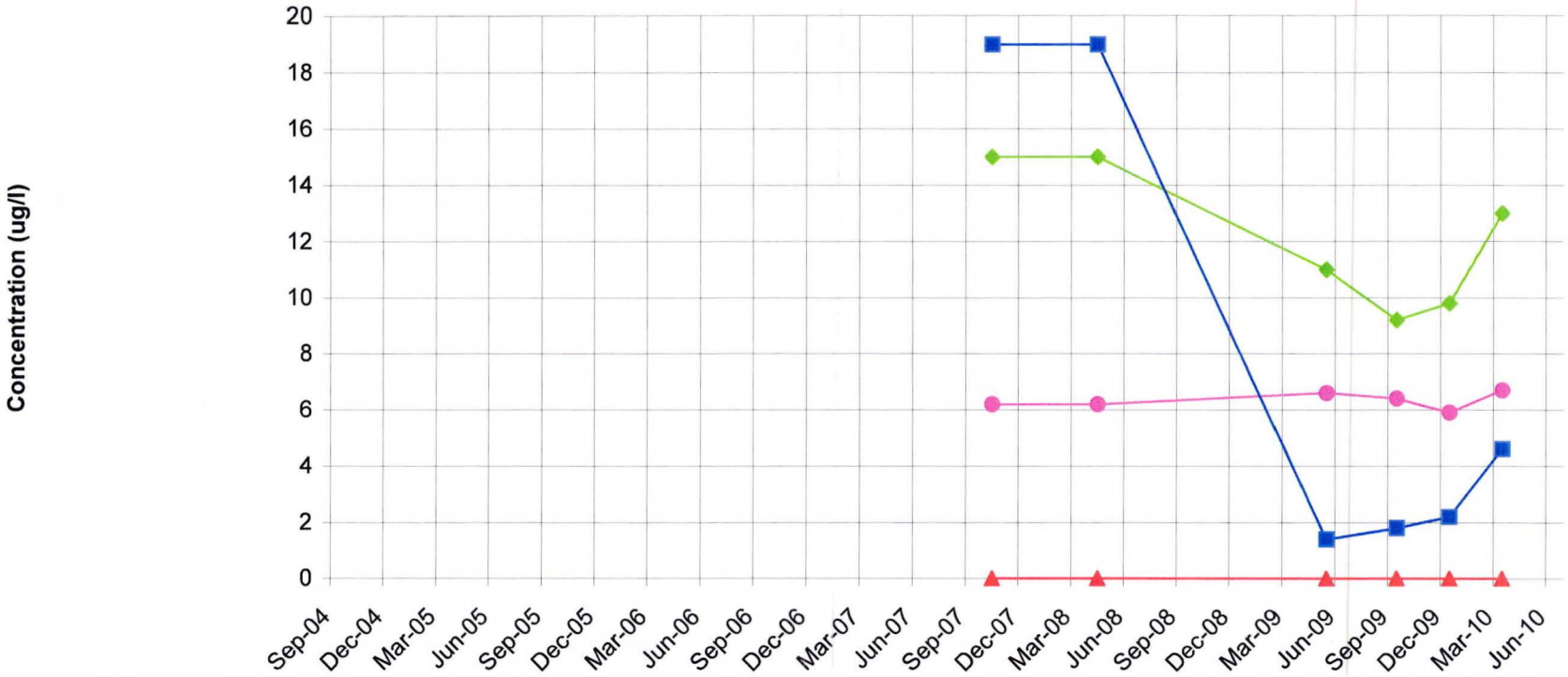
DB Oak
Time vs. Concentration at MW-2A



	12/16/04	6/1/05	3/28/06	11/2/06	10/25/07	4/21/08	5/26/09	9/22/09	12/2/09	3/23/10
PCE	44	110	320	0	360	610	590	530	390	250
TCE	69	83	700	0	530	620	380	280	280	180
cis-1,2-DCE	380	350	3,800	0	1,800	2,100	660	920	1,700	1,900
Vinyl Chloride	29	36	91	0	0	0	0	75	56	76

Date

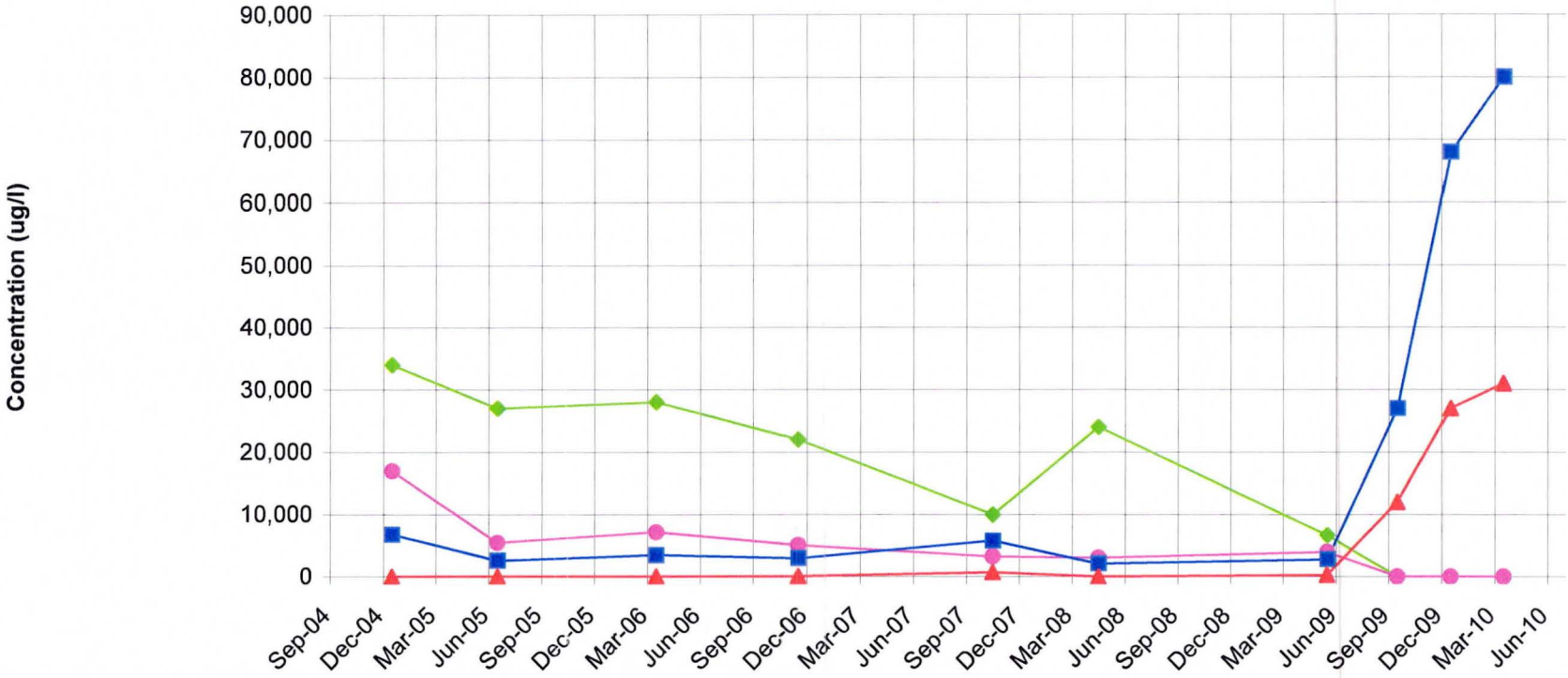
DB Oak
Time vs. Concentration at MW-2B



	10/25/07	4/21/08	5/26/09	9/22/09	12/2/09	3/23/10
PCE	15	15	11	9.2	9.8	13
TCE	6.2	6.2	6.6	6.4	5.9	6.7
cis-1,2-DCE	19	19	1.4	1.8	2.2	4.6
Vinyl Chloride	0	0	0	0	0	0

Date

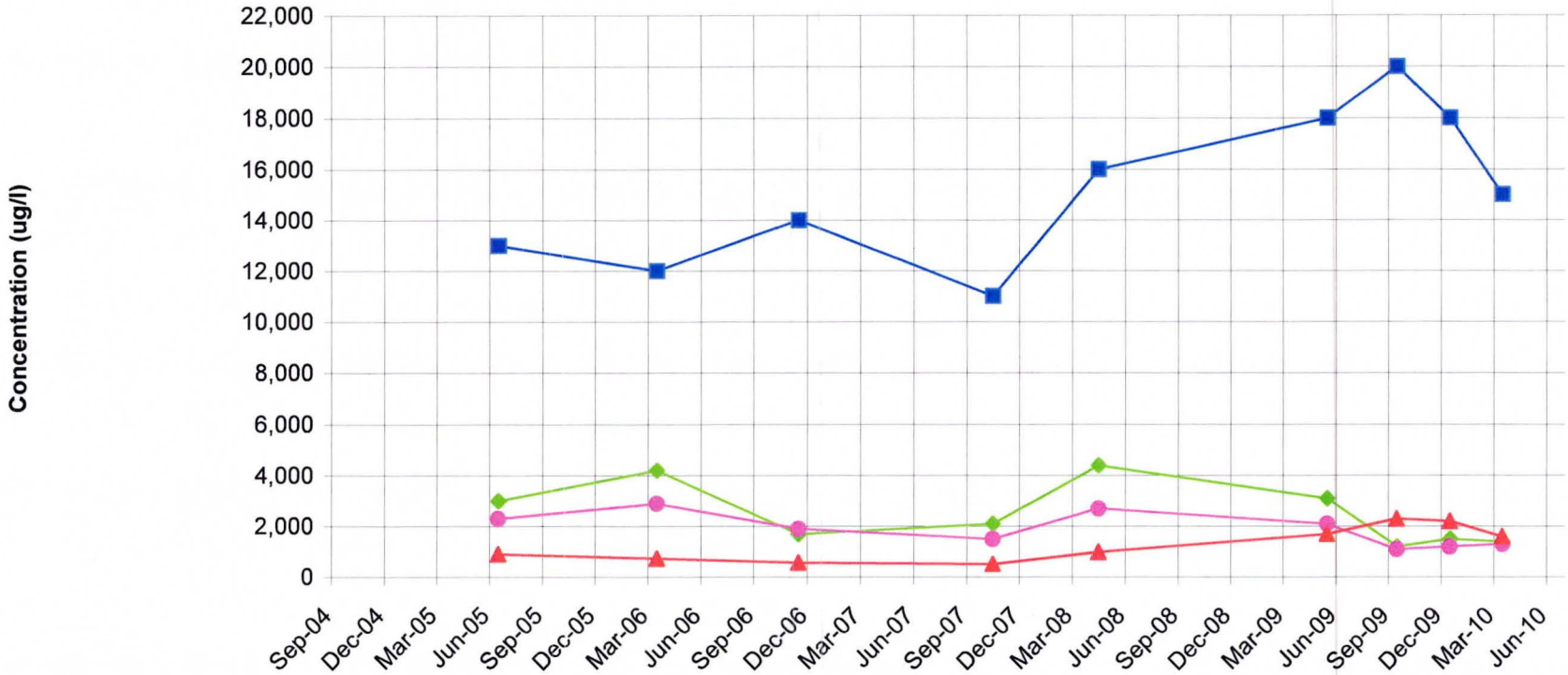
DB Oak
Time vs. Concentration at MW-3



	12/16/04	6/1/05	3/28/06	11/2/06	10/25/07	4/21/08	5/26/09	9/22/09	12/2/09	3/23/10
PCE	34,000	27,000	28,000	22,000	10,000	24,000	6,700	0	0	0
TCE	17,000	5,500	7,200	5,100	3,300	3,100	4,000	0	0	0
cis-1,2-DCE	6,800	2,600	3,500	3,000	5,800	2,100	2,800	27,000	68,000	80,000
Vinyl Chloride	0	0	0	79	710	0	270	12,000	27,000	31,000

Date

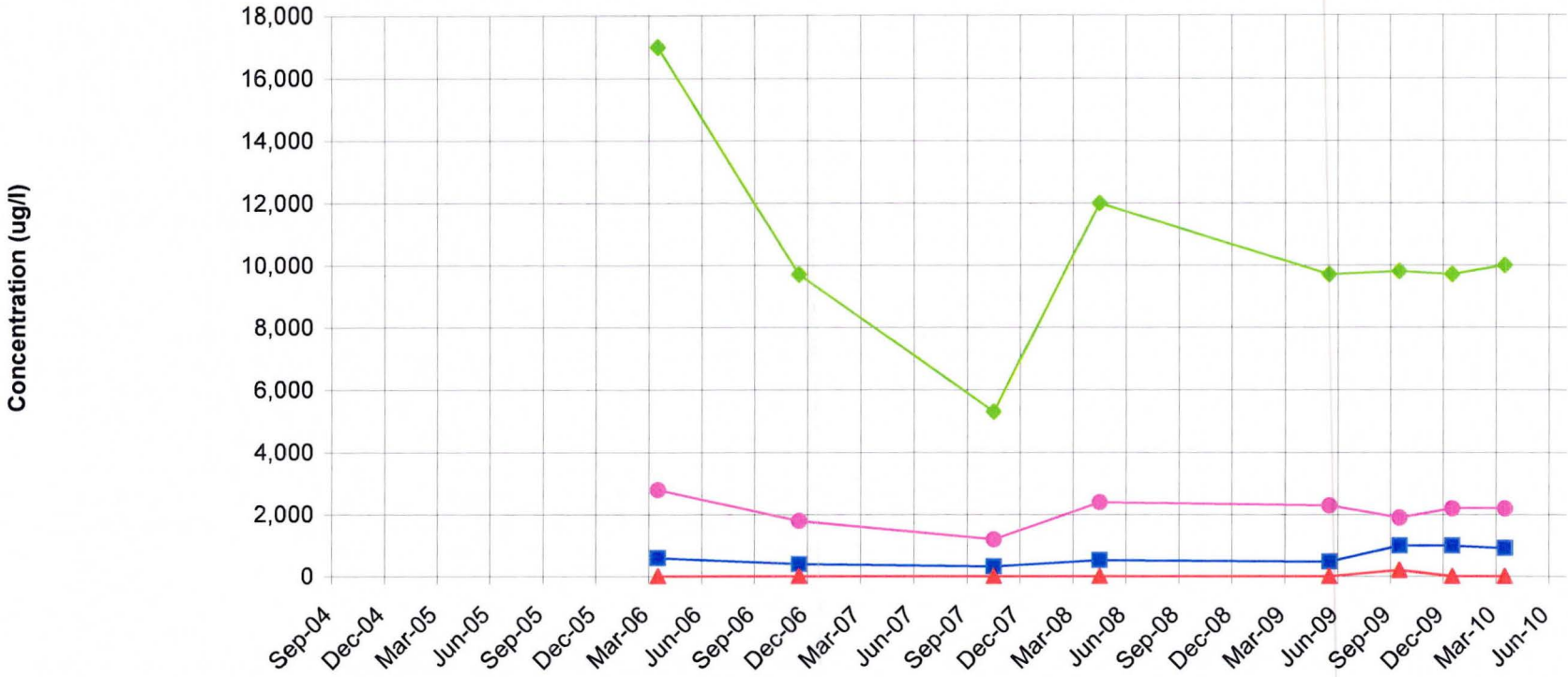
DB Oak
Time vs. Concentration at MW-3A



	6/1/05	3/28/06	11/2/06	10/25/07	4/21/08	5/26/09	9/22/09	12/2/09	3/23/10
PCE	3,000	4,200	1,700	2,100	4,400	3,100	1,200	1,500	1,400
TCE	2,300	2,900	1,900	1,500	2,700	2,100	1,100	1,200	1,300
cis-1,2-DCE	13,000	12,000	14,000	11,000	16,000	18,000	20,000	18,000	15,000
Vinyl Chloride	910	740	580	520	990	1,700	2,300	2,200	1,600

Date

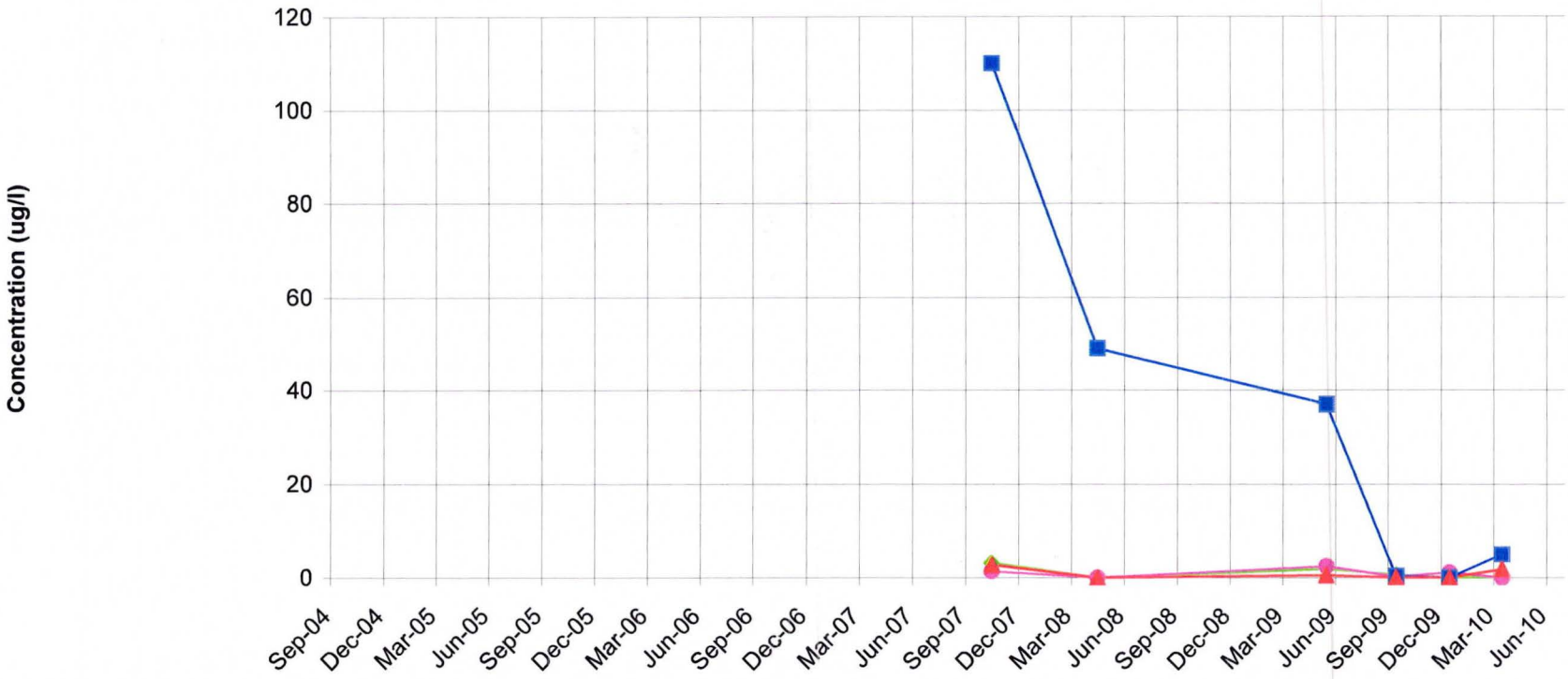
DB Oak
Time vs. Concentration at MW-3B



	3/28/06	11/2/06	10/25/07	4/21/08	5/26/09	9/22/09	12/2/09	3/23/10
PCE	17,000	9,700	5,300	12,000	9,700	9,800	9,700	10,000
TCE	2,800	1,800	1,200	2,400	2,300	1,900	2,200	2,200
cis-1,2-DCE	600	400	330	530	480	1,000	1,000	920
Vinyl Chloride	0	0	0	0	0	210	0	0

Date

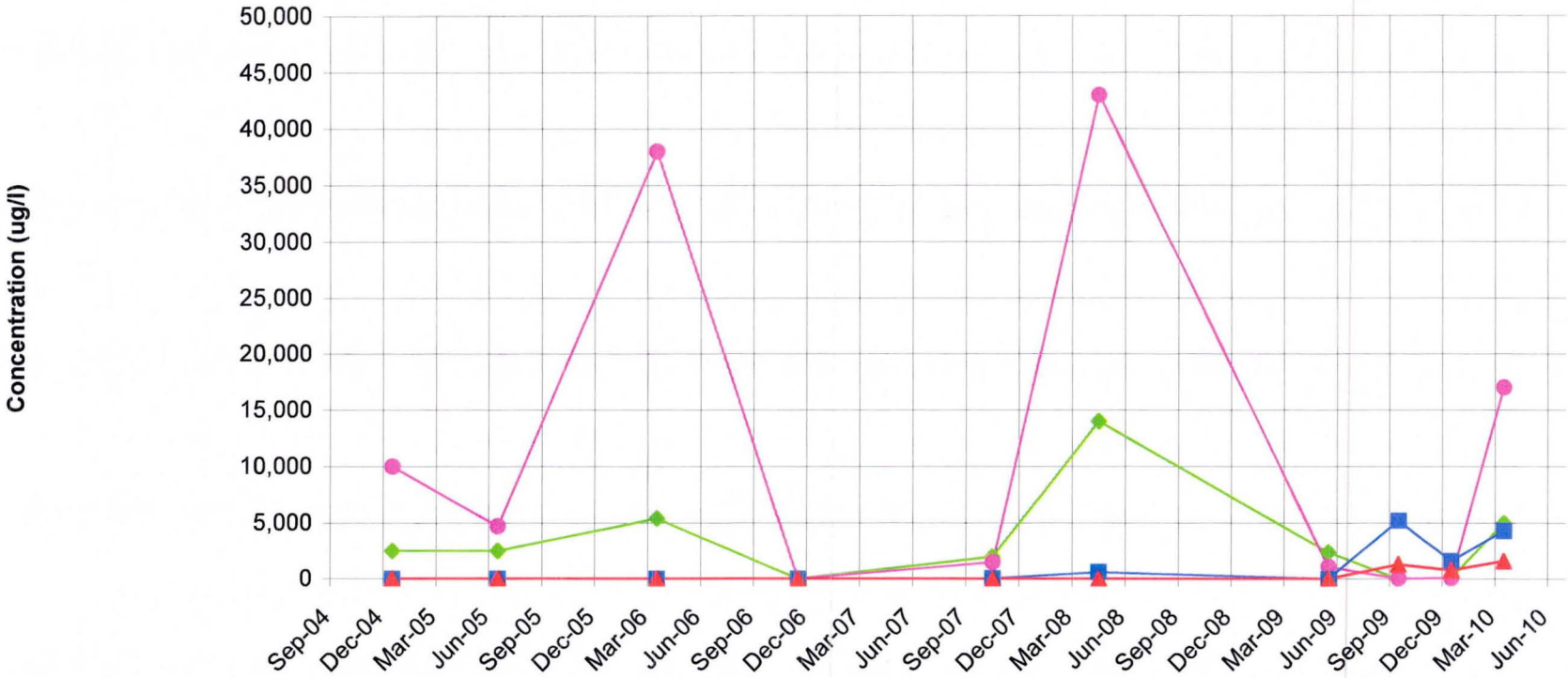
DB Oak
Time vs. Concentration at MW-3C



	10/25/07	4/21/08	5/26/09	9/22/09	12/2/09	3/23/10
PCE	3.2	0	1.9	0.68	0	0
TCE	1.4	0	2.5	0.22	1.1	0
cis-1,2-DCE	110	49	37	0.35	0	5.0
Vinyl Chloride	2.8	0	0.57	0	0	1.8

Date

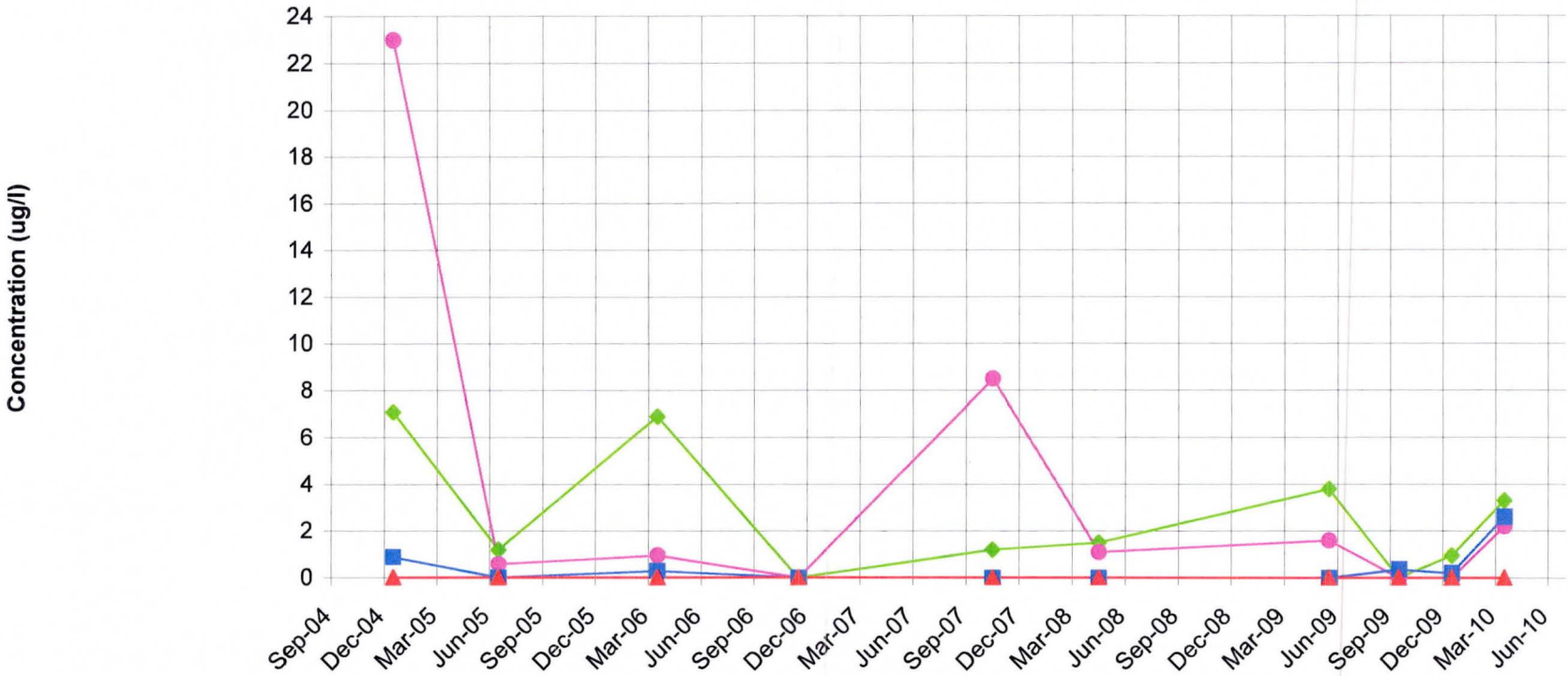
DB Oak
Time vs. Concentration at MW-4



	12/16/04	6/1/05	3/28/06	11/2/06	10/25/07	4/21/08	5/26/09	9/22/09	12/2/09	3/23/10
PCE	2,500	2,500	5,400	0	2,000	14,000	2,400	0	110	5,000
TCE	10,000	4,700	38,000	0	1,500	43,000	1,100	44	71	17,000
cis-1,2-DCE	0	0	0	0	42	600	0	5,200	1,600	4,300
Vinyl Chloride	0	0	0	0	0	0	0	1,300	800	1,600

Date

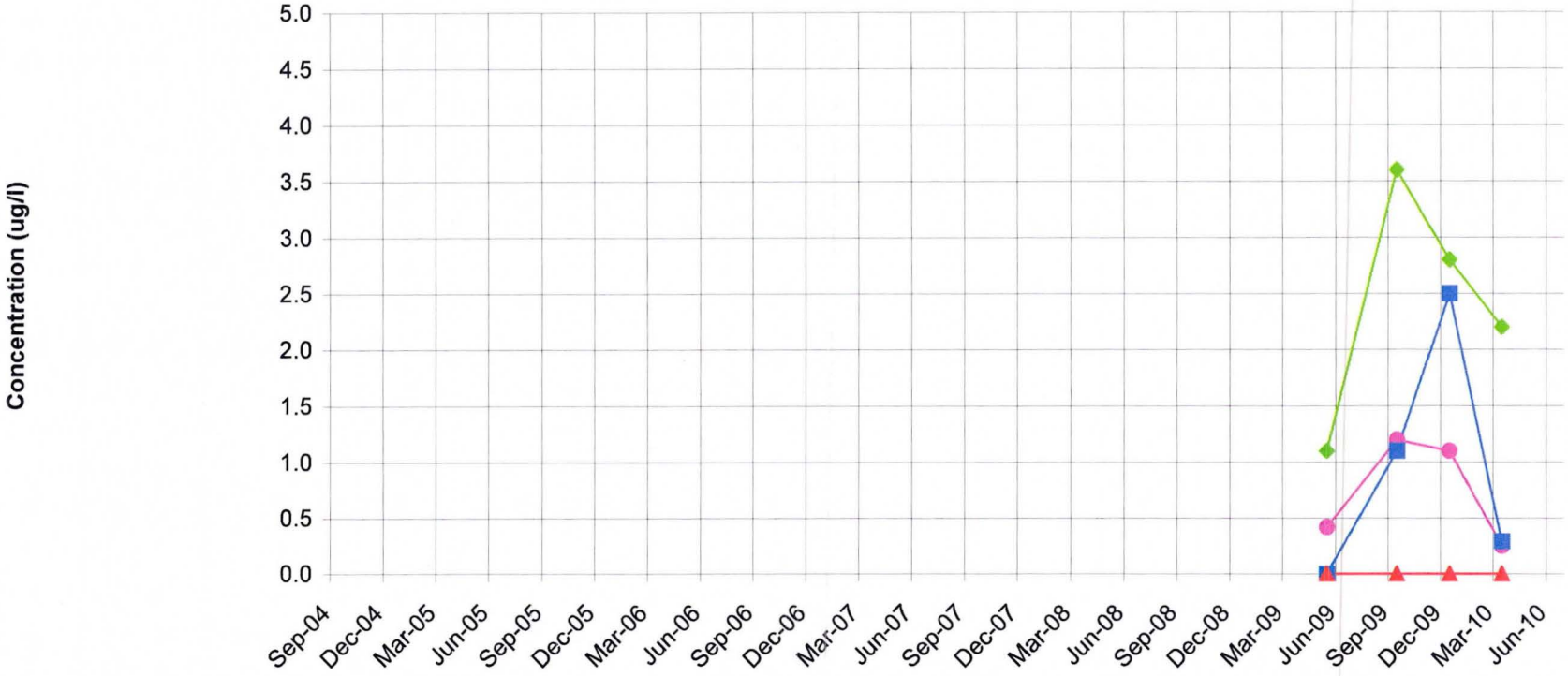
DB Oak
Time vs. Concentration at MW-4A



	12/16/04	6/1/05	3/28/06	11/2/06	10/25/07	4/21/08	5/26/09	9/22/09	12/2/09	3/23/10
PCE	7.1	1.2	6.9	0	1.2	1.5	3.8	0	0.95	3.3
TCE	23	0.59	0.97	0	8.5	1.1	1.6	0	0	2.2
cis-1,2-DCE	0.89	0	0.29	0	0	0	0	0.36	0.2	2.6
Vinyl Chloride	0	0	0	0	0	0	0	0	0	0

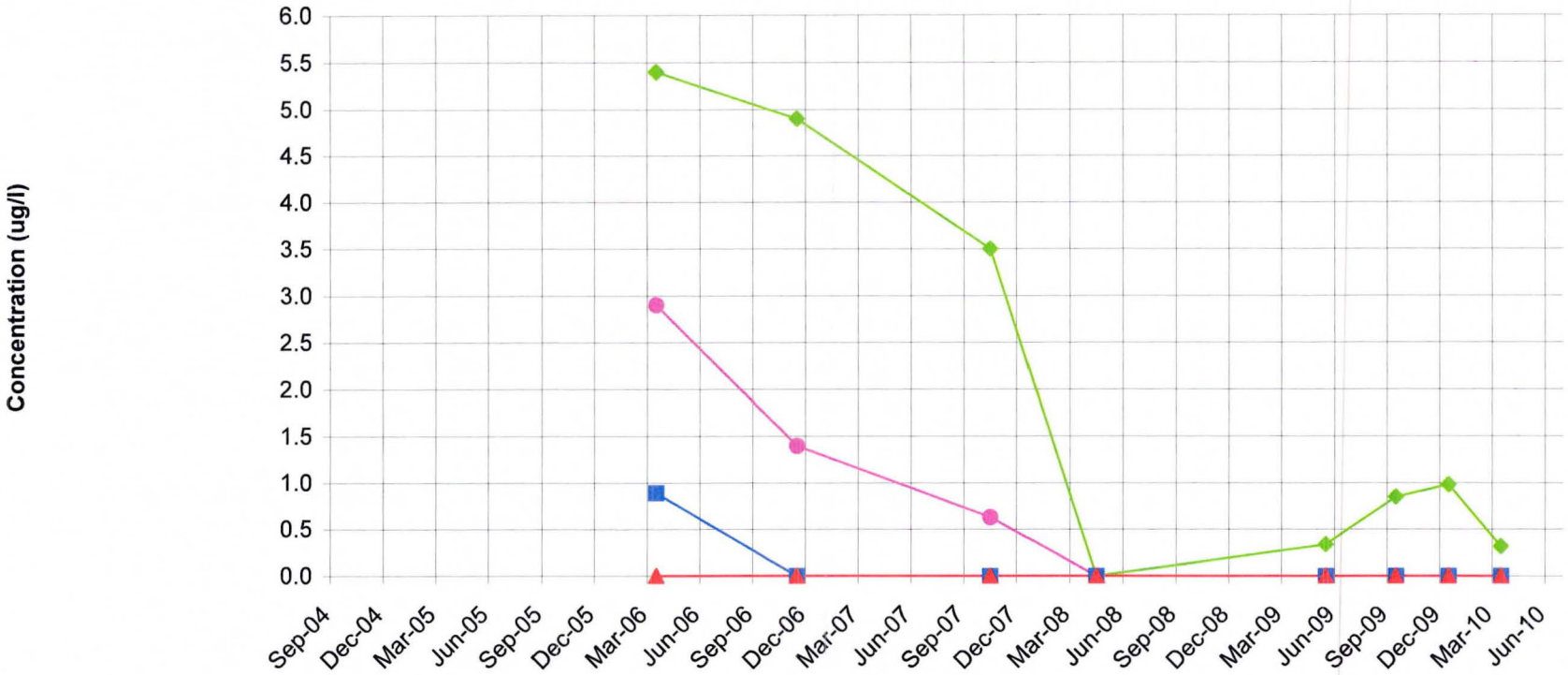
Date

DB Oak
Time vs. Concentration at MW-4B



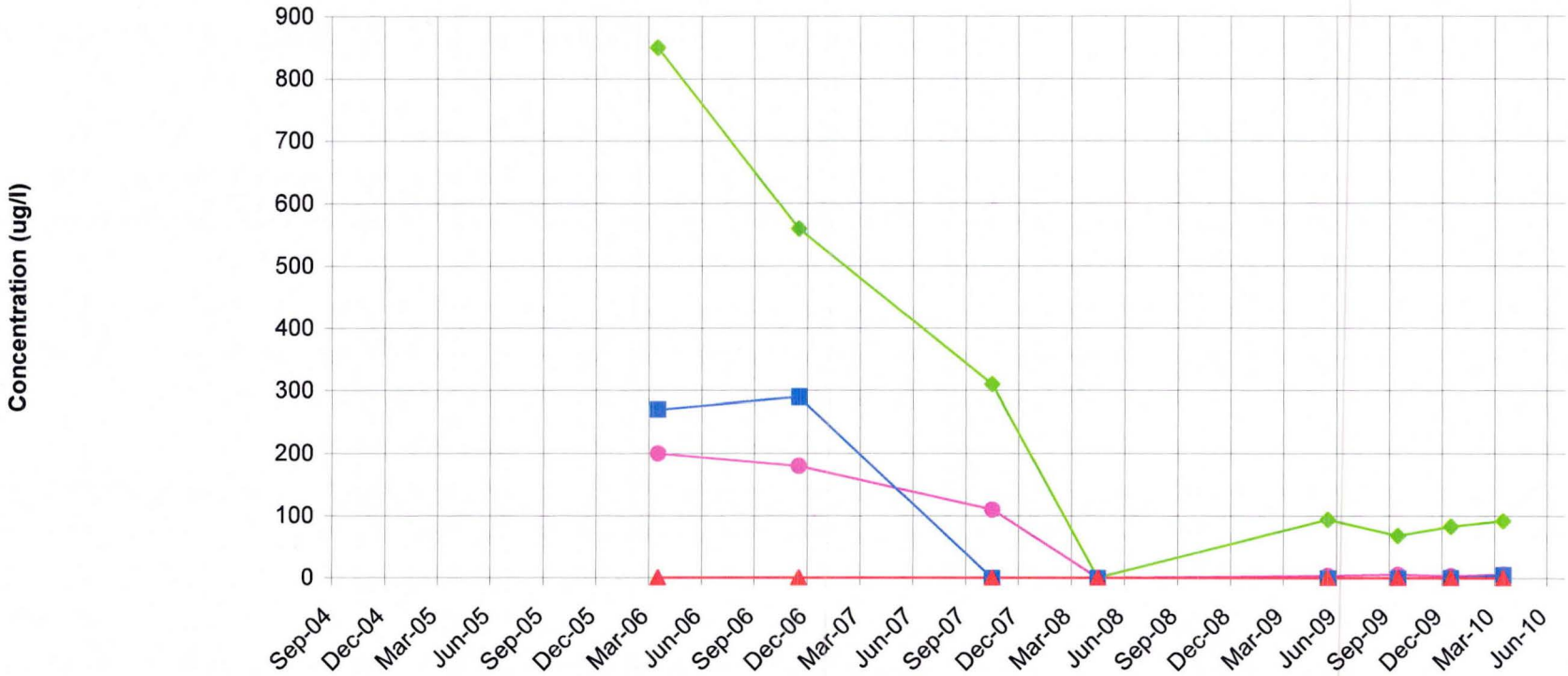
	5/26/09	9/22/09	12/2/09	3/23/10
PCE	1.1	3.6	2.8	2.2
TCE	0.42	1.2	1.1	0.25
cis-1,2-DCE	0	1.1	2.5	0.29
Vinyl Chloride	0	0	0	0

DB Oak
Time vs. Concentration at MW-7



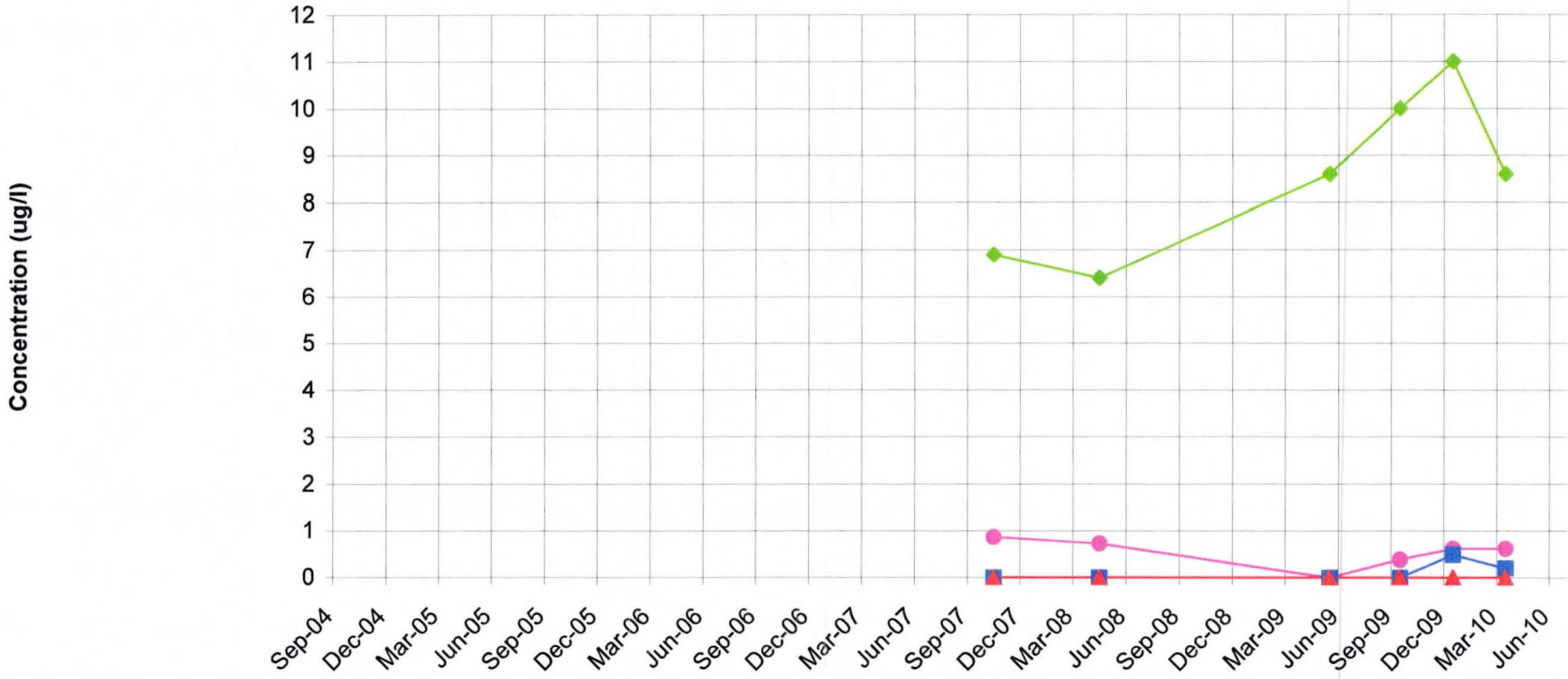
	3/28/06	11/2/06	10/25/07	4/21/08	5/26/09	9/22/09	12/2/09	3/23/10
PCE	5.4	4.9	3.5	0	0.34	0.85	0.98	0.32
TCE	2.9	1.4	0.63	0	0	0	0	0
cis-1,2-DCE	0.89	0	0	0	0	0	0	0
Vinyl Chloride	0	0	0	0	0	0	0	0

DB Oak
Time vs. Concentration at MW-7A



	3/28/06	11/2/06	10/25/07	4/21/08	5/26/09	9/22/09	12/2/09	3/23/10
PCE	850	560	310	0.67	94	68	83	92
TCE	200	180	110	0	3.9	5.9	3.6	6.4
cis-1,2-DCE	270	290	0	0	0	0	0.50	5.0
Vinyl Chloride	0	0	0	0	0	0	0	0

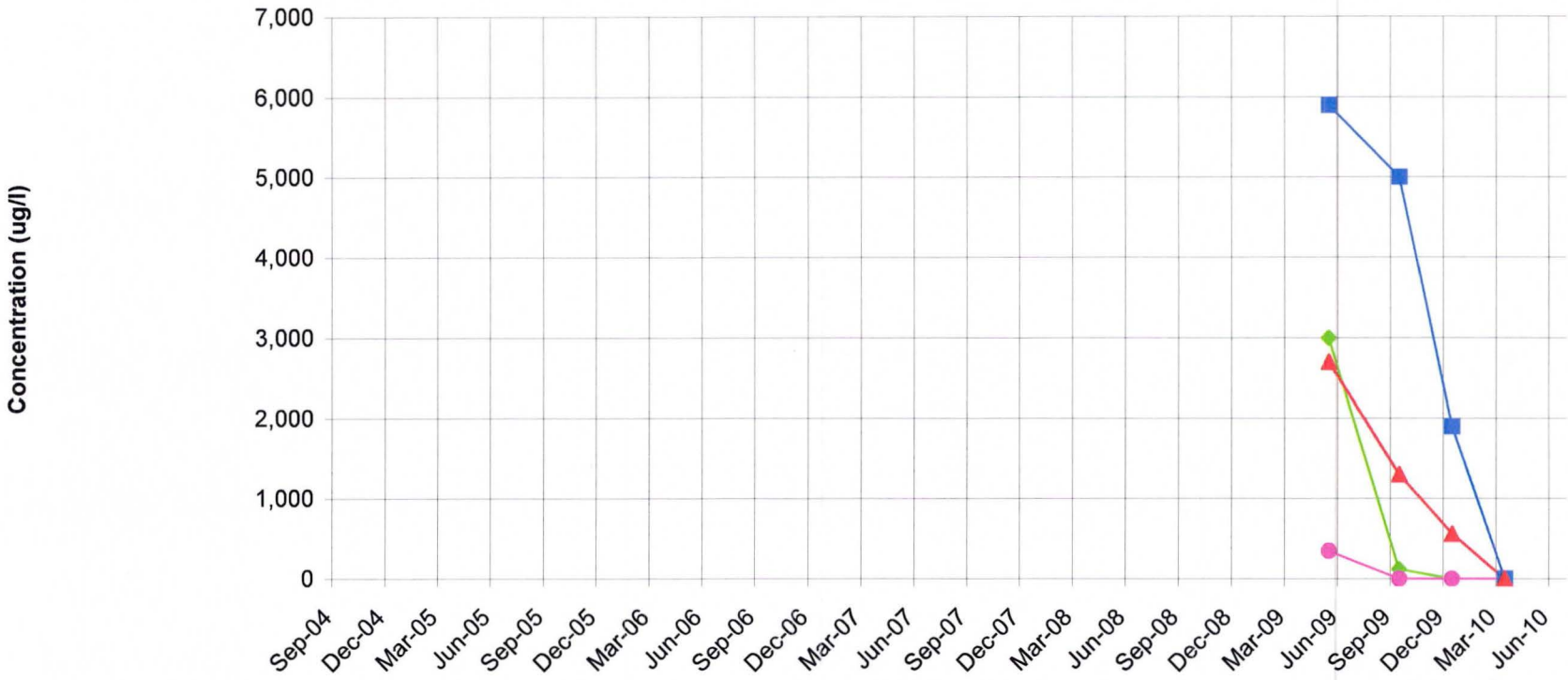
DB Oak
Time vs. Concentration at MW-7B



	10/25/07	4/21/08	5/26/09	9/22/09	12/2/09	3/23/10
PCE	6.9	6.4	8.6	10	11	8.6
TCE	0.87	0.73	0	0.39	0.62	0.62
cis-1,2-DCE	0	0	0	0	0.49	0.20
Vinyl Chloride	0	0	0	0	0	0

Date

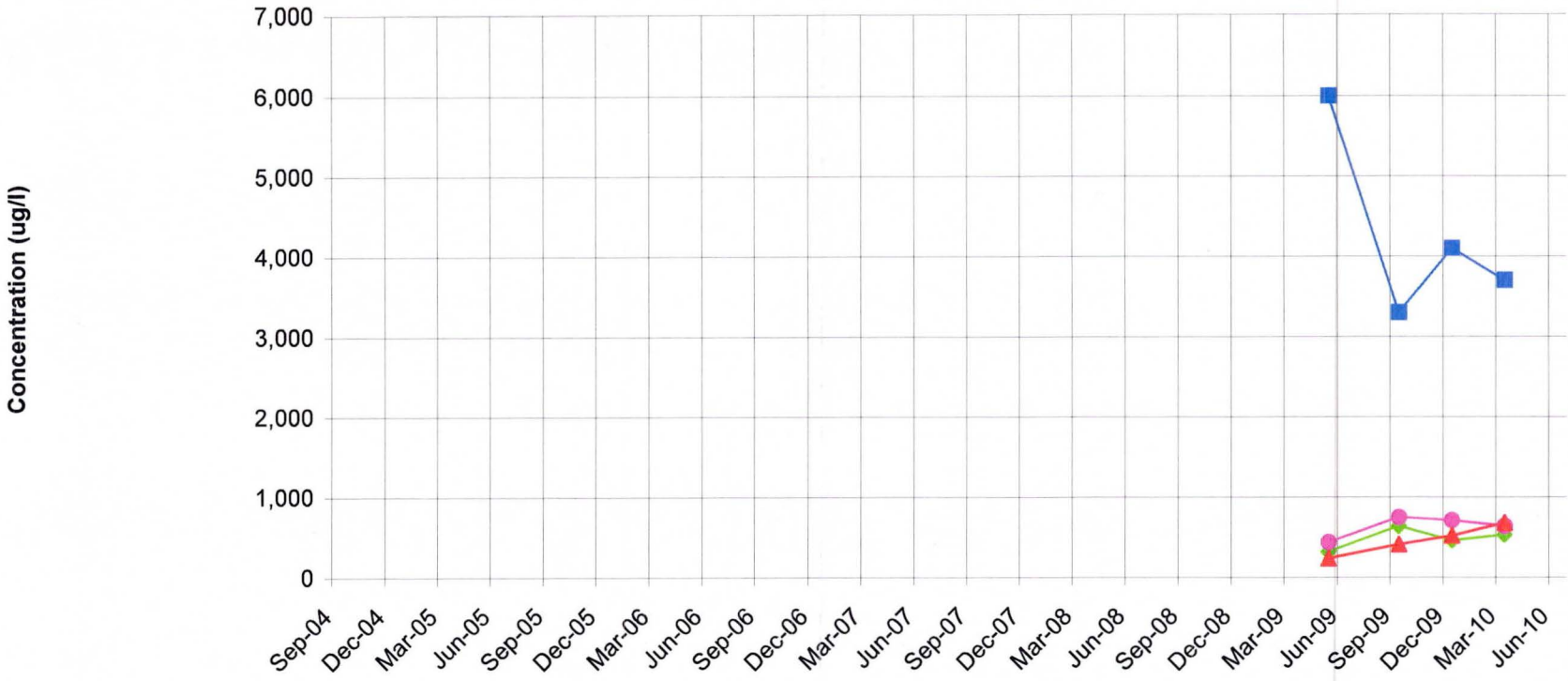
DB Oak
Time vs. Concentration at TW-01



	5/26/09	9/22/09	12/2/09	3/23/10
PCE	3,000	120	0	1.3
TCE	350	0	0	0.91
cis-1,2-DCE	5,900	5,000	1,900	3.0
Vinyl Chloride	2,700	1,300	560	1.1

Date

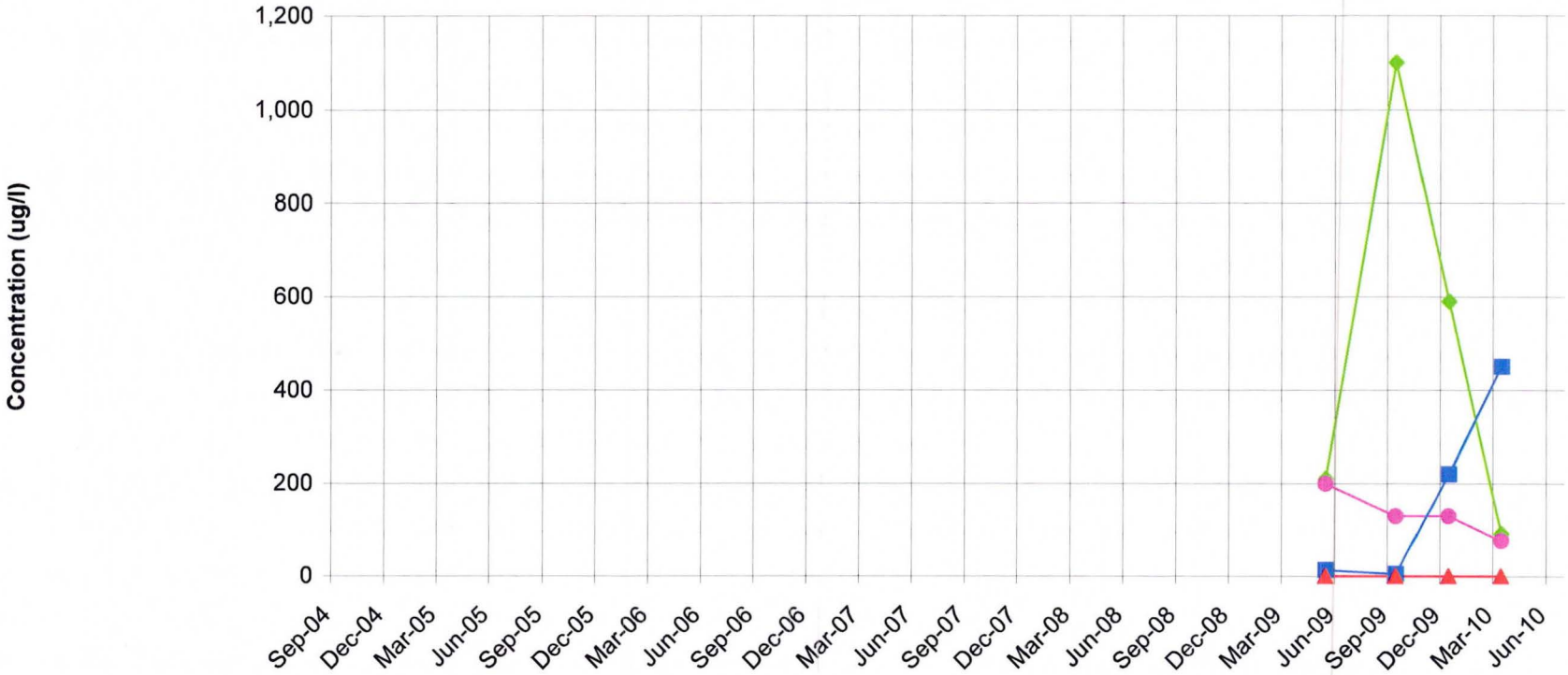
DB Oak
Time vs. Concentration at TW-02



	5/26/09	9/22/09	12/2/09	3/23/10
PCE	320	640	460	530
TCE	440	750	710	640
cis-1,2-DCE	6,000	3,300	4,100	3,700
Vinyl Chloride	240	410	520	680

Date

DB Oak
Time vs. Concentration at TW-03



	5/26/09	9/22/09	12/2/09	3/23/10
PCE	210	1,100	590	92
TCE	200	130	130	77
cis-1,2-DCE	14	5.5	220	450
Vinyl Chloride	0	0	0	0

Date