FINAL REPORT

SUPPLEMENTAL SITE INVESTIGATION REPORT

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

Prepared for

Thomas Industries
P.O. Box 29
Sheboygan, Wisconsin

December 2007

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Project No. 0451-003-800

NEWFIELDS

December 21, 2007

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

RE: WDNR BRRTS No. 03-28-176509
Supplemental Hydrogeologic Investigation Report
D.B. Oak Facility, 700-710 Oak Street, Ft. Atkinson, Wisconsin

Dear Ms. DiMaggio:

On behalf of Garner Denver, please find enclosed our Supplemental Site Investigation Report for the DB Oak property in Fort Atkinson, Wisconsin. This report summarizes the scope of work presented in our July 25, 2007 Work Plan.

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

Sincerely,

NEWFIELDS

David P. Trainor
Principal

Mark S. McColloch, P.G.
Senior Geologist

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

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Executive Summary

The subject property is located at 700 to 710 Oak Street in Fort Atkinson, Wisconsin. It is currently owned by DB Oak. The southern portion of the building is currently leased by 5Alarm Fire and Safety Equipment Inc., and the remainder of the building is used as warehouse space by Carnes and Associates. The property is essentially flat, but slopes slightly to the south. An elevated active rail spur bounds the property to the east. The Lorman Iron and Metal scrap yard is located on the adjacent property east of the rail spur. 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.

Residential lighting fixtures were manufactured at the facility by Moe Brothers Manufacturing beginning in 1939; Moe Brothers Manufacturing changed its name to Moe Lighting in 1939 and was acquired by Thomas Industries in 1948; Thomas Industries was acquired by Gardner Denver in 2005. Lighting fixtures continued to be manufactured at the facility until 1985 when Thomas sold the facility. The Wand Corporation (Wand) subsequently utilized the facility to manufacture storm doors and windows in 1985, but vacated the building by 1992 reportedly because of a bankruptcy filing. Two other businesses (Gross EMO and Wisconsin Packaging Corporation) occupied portions of the property between 1986 and 1994. Miller Machining began operating at a portion of the property in 1994.

Soil and groundwater contamination were initially identified at the DB Oak property near a former tetrachloroethene, or perchloroethene (PCE) storage tank during initial site assessments completed in 1994. This release was subsequently reported to the WDNR, and the Agency requested that Thomas Industries complete a site investigation to identify the lateral and vertical extent of subsurface contamination associated with the PCE release. Since December 2004, several phases of investigation have been completed. These investigations have included the installation of monitoring wells, the collection of groundwater samples, and other data to evaluate groundwater flow conditions. Investigation results were presented in reports submitted to the WDNR along with recommendations for further evaluation of the lateral and vertical extent of groundwater contamination. However, prior to additional site investigation, Thomas Industries elected to implement site remediation in two phases. Soil remediation would be performed during the first phase, followed by groundwater remediation performed later as the second phase after the effects of soil remediation on groundwater were better understood. In a letter dated September 8, 2006 an in-situ soil vapor extraction (ISVE) system (and soil conditioning) was conditionally approved as an interim remedial response by the Wisconsin Department of Natural Resources (WDNR). Soil conditioning and subsurface piping was installed in the loading dock area on the east side of the facility building between October and

December 2006. Final grading was completed in March 2007, and the system has operated from mid-July to the present as low water table conditions permit; the SVE system was occasionally turned off during high water table conditions.

Approval conditions for the interim remedial response for soil described in the WDNR's September 8, 2006 letter included further identification of the vertical extent of groundwater contamination at the MW-2, MW-3, and MW-7 well nests, and identification of the lateral and vertical extent of contamination in the area north of MW-7. NewFields submitted a July 25, 2007 Work Plan for zone sampling (at depth) and well installation at these well locations. Zone groundwater samples were collected to further characterize the vertical extent of groundwater contamination, and to select screen intervals for deep piezometers. Zone samples were collected and well installations were completed in September 2007; a round of groundwater samples was also collected from all site wells in October 2007. Prior to sample collection, water levels were measured in all site wells and used to calculate groundwater elevations. Based on these elevations, the direction of groundwater flow at that time was south-southeast. October 2007 groundwater elevations indicate that a small groundwater depression is located at the south side of the DB Oak facility. 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 to the shallow groundwater flow regime; this depression is not apparent in the underlying potentiometric surface.

Recently collected groundwater samples verify that groundwater quality has been impacted by chlorinated volatile organic compounds (VOCs). PCE is the primary constituent of concern that exceeds groundwater quality standards, but degradation products of PCE also exceed standards. The highest concentrations of VOCs have historically been detected in MW-3 samples indicating a source area near this well. However, elevated concentrations of PCE in MW-4 samples also indicates a source area near the former PCE tank.

PCE concentrations in zone samples collected from the MW-3C well boring and from piezometers MW-3A, MW-3B, and MW-3C on the east side of the DB Oak facility also indicate that PCE migrated vertically through the saturated zone. However, the lithology encountered at depth has likely influenced the vertical distribution of contaminants in this area. At the MW-3 nest, deep piezometers are screened in silty sands between interbedded silts and silty clays. The fine grained low permeability units may restrict the vertical migration of contaminants.

Elevated concentrations of VOCs were also detected in samples collected from shallow down gradient piezometers MW-2A and MW-7A, but contaminant concentrations declined with depth. VOC concentrations declined significantly below the 60 to 65 foot sample intervals at the MW-2B and MW-7B borings. Additionally, degradation products including trichloroethene (TCE), cis-1,2-dichloroethene (cis-DCE) and vinyl chloride were detected in groundwater samples collected from both down gradient and deep locations. The presence of PCE and degradation products indicate that reductive dechlorination of PCE has occurred over time in the source area and at down gradient locations. Because degradation products (TCE, cis-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.

Although deep groundwater has been encountered on the east side of the facility building, samples collected from the MW-3 well nest indicate that total VOC concentrations decline with depth with two exceptions. PCE concentrations increased with depth between MW-3A and MW-3B, and cisDCE concentrations increased between MW-3B and the 100 to 105-foot zone sample collected from the MW-3C boring.

1.1 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 DB Oak facility is currently leased to several tenants. W & A Distribution utilizes the northern portion of the facility building as warehouse space, and 5 Alarm Fire & Safety Inc. (5 Alarm) occupies the southern portion of the facility building. The 5 Alarm portion of the building consists of offices, shop areas for outfitting emergency vehicles, and warehouse space. 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 DB Oaks 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.

1.2 SITE HISTORY

Residential lighting fixtures were manufactured at the facility by Moe Brothers Manufacturing beginning in 1939; Moe Brothers Manufacturing changed its name to Moe Lighting in 1939 and was acquired by Thomas Industries[1] in 1948. Lighting fixtures continued to be manufactured at the facility until 1985 when Thomas sold the facility. The Wand Corporation (Wand) subsequently utilized the facility to manufacture storm doors and windows in 1985, but vacated the building by 1992 reportedly because of a bankruptcy filing. Two other businesses (Gross EMO and Wisconsin Packaging Corporation) occupied portions of the property between 1986 and 1994. Miller Machining began operating at a portion of the property in 1994. The property is currently owned by DB Oak and the building is leased by 5Alarm Fire and Safety Equipment Inc. and Carnes and Associates as warehouse space.

In an August 28, 1985 letter to Wand, RMT, Inc. identified a 10,000 gallon above ground storage tank (AST) that was used to store tetrachloroethene (PCE), and an 18,000 gallon underground storage tank (UST) that held No. 2 fuel oil (see Figure 2). The Wisconsin Department of Natural Resources (WDNR) subsequently performed a generator inspection on March 27, 1986, completed at the time Wand had occupied the property. The inspection was completed by Wendell Wojner of the WDNR and described in an April 1986 memo. As described in that memo, no hazardous waste was observed during the inspection. The inspection report indicated that the site had been decontaminated prior to remodeling the building. Decontamination included the removal of all hazardous waste stored on site, and the decontamination and removal of wastewater treatment tanks and degreasers. An electroplating line had been dismantled, and a new concrete floor installed; the old concrete floor had also been removed and transported off-site for disposal. A foundation for a large AST remained on site at the rear of the building, but the tank had been removed.

During a March 16, 1994 Phase I Environmental Site Assessment (ESA), Gabriel Midwest did not find evidence of the fuel oil UST. It also observed that the AST that held PCE was absent, but confirmed that the concrete AST cradle remained on-site. In March 1995 ATEC Associates Inc. (ATEC) completed a Phase II ESA of the D.B. Oaks facility to identify potential releases from the former fuel oil UST, PCE AST, and a former 500 gallon gasoline UST; the latter was not identified in previous reports. The Phase II ESA consisted of the collection of soil and

[1] Thomas Industries was acquired by Gardner Denver in 2006. Thomas Industries remains a wholly owned subsidiary of Gardner Denver.

groundwater samples from Geoprobe borings. Trace levels of petroleum constituents (ethylbenzene, toluene, and xylenes) along with low concentrations of metals (arsenic, barium, chromium, and lead) were detected in soil and groundwater samples at various locations on the facility property. However, PCE and associated degradation products were detected in soil and groundwater samples along the east and south sides of the facility building. These compounds were detected at concentrations several orders of magnitude above regulatory standards. ATEC described the results of this investigation in a Phase II ESA report dated April 1995.

The WDNR was subsequently notified of the release. Internal discussions between Thomas Industries and the WDNR subsequently followed. However, these discussions ended shortly thereafter, and further activity was delayed until March 2004. At that time, the WDNR issued a letter requesting an immediate site investigation. Consequently, the Agency requested that Thomas Industries complete a site investigation to identify the lateral and vertical extent of subsurface contamination associated with the PCE release. Thomas then submitted a work plan to the WDNR in November 2004, and completed an initial hydrogeologic investigation in December 2004. That investigation consisted of the installation of five water table monitoring wells (MW-1, MW-2, MW-3, MW-4, and MW-5), two piezometers (MW-2A and MW-4A), in-situ permeability testing, and the collection of groundwater samples. Results of that investigation and recommendations for additional investigation were presented in a February 2005 status report.

Additional subsequent investigations included the collection of soil samples from Geoprobe borings advanced in the loading dock area on the east side of the facility building, and mobile laboratory analysis to further characterize potential contaminant source areas. These investigations also included the installation of another piezometer (MW-3A) in the source area, the installation of down gradient well nest (MW-6 and MW-6A), and the collection of groundwater samples from all site wells. NewFields completed this work between April and June 2005, and results are presented in the Site Investigation Report dated November 10, 2005.

The report results were discussed at a December 1, 2005 meeting with the Wisconsin Department of Natural Resource's (WDNR). The WDNR concurred with recommendations in that report to collect additional soil samples for TCLP analyses (to develop a waste profile) and bench scale testing to evaluate in-situ chemical oxidation (ISCO) as a potential remedial response for subsurface contamination. At that time, the WDNR also requested the installation of an additional side gradient well nest (MW-7 and MW-7A) and a deep piezometer (MW-3B) at the source area. NewFields submitted a Work Plan for a supplemental site investigation on

January 25, 2006, and the supplemental site investigation was subsequently completed in March 2006. NewFields presented results of this investigation in a May 2006 status report along with recommendations to further characterize the vertical extent of groundwater contamination beneath the source area.

Thomas Industries elected to implement site remediation in two phases. Soil remediation would be performed during the first phase followed by groundwater remediation performed later as the second phase after the effects of soil remediation on groundwater were better understood. A Design Plan for Soil Remediation was submitted to WDNR by RMT on August 15, 2006. That plan proposed the installation of an in-situ vapor extraction (ISVE) system combined with soil conditioning to enhance soil permeability and the effectiveness of the ISVE system. In a WDNR letter dated September 8, 2006 the ISVE system (and soil conditioning) was conditionally approved as an interim remedial response. Soil conditioning and subsurface piping was subsequently installed in the loading dock area on the east side of the facility building between October and December 2006. Final grading was completed in March 2007, and a construction documentation report was submitted to the WDNR on May 2, 2007. The SVE system has operated from mid-July to the present, but was occasionally turned off during high water table conditions. A SVE system quarterly progress report was submitted to WDNR on December 6, 2007 summarizing results for the first three months of operation. As described in that report effluent air sample results indicate that the SVE system is removing chlorinated VOCs from the subsurface. 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.

Approval conditions for the interim remedial response described in WDNR's September 8, 2006 letter included identification of the vertical extent of groundwater contamination at the MW-2, MW-3, and MW-7 well nest locations, and identification of the lateral and vertical extent of contamination in the area north of MW-7. NewFields submitted a July 25, 2007 Work Plan for zone sampling and well installation at these locations. The site work was subsequently completed in September and October 2007, and results are presented in this report.

1.3 PURPOSE AND SCOPE

The purpose of this report is to present the results of the supplemental hydrogeologic site investigation recently completed on the subject property. The first part of the investigation completed in September 2007 consisted of collection of groundwater samples from deep soil borings (zone sampling), and installation of additional down gradient monitoring wells and deep piezometers beneath the source area. The second phase of investigation consisted of the collection of groundwater samples, and measurement of groundwater elevations to identify groundwater flow conditions.

PREVIOUSLY COMPLETED INVESTIGATION ACTIVITIES

SECTION TWO

2.1 INITIAL SITE INVESTIGATION

A Phase II Site Assessment was completed at the D.B. Oak property in March 1995 by ATEC Associates Inc. (ATEC). This assessment included the collection of soil and groundwater samples from 31 Geoprobe borings. Results were presented in an April 1995 report. Results of soil samples collected during the preliminary site investigation are summarized on Figure 3, and groundwater sample results are shown on Figure 4.

ATEC stated that the purpose of the assessment was "... to determine the presence or absence of contamination that may be associated with former underground storage tanks (USTs), specifically one 19,000-gallon fuel oil and one 500-gallon gasoline UST, former above ground storage tanks (ASTs), one 10,000 gallon tetrachloroethene AST, past on-site activities or operations, and adjacent leaking UST facilities." ATEC reported that petroleum constituents were detected at low concentrations below clean up standards in soil and groundwater samples. However, chlorinated hydrocarbons including tetrachloroethene (PCE), trichloroethene (TCE), 1,1-dichloroethene, total (cis and trans) 1,2-dichloroethene, and vinyl chloride were detected in soil and groundwater samples collected along the east side of the facility building. These results indicated that releases from petroleum storage tanks had not impacted soil or groundwater quality at the site, but chlorinated hydrocarbons indicated a release from the former PCE tank.

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[2] MW-1, MW-2, and MW-3 were located southeast of the existing DB Oak facility building.

2.2 HYDROGEOLOGIC SITE INVESTIGATIONS

NewFields completed an initial hydrogeologic investigation at the DB Oak facility in accordance with a Work Plan dated November 8, 2004. This hydrogeologic investigation consisted of the installation of five water table observation wells, (MW-1, MW-2, MW-3, MW-4, and MW-5), two piezometers (MW-2A and MW-4A), well development, groundwater sample collection and elevation measurements, and in-situ permeability tests. The site work was completed in December 2004, and results were presented in a February 2005 status report. This report included recommendations for the installation of a down gradient well nest and an additional peizometer to further characterize the lateral and vertical extent of groundwater contamination. Additionally, the collection of soil samples to further characterize potential source areas was also recommended in the status report. Monitoring wells MW-3A, MW-6, and MW-6A were subsequently installed in April 2005, soil samples were collected and analyzed by a mobile lab in May 2005, and a second round of groundwater samples were collected in June 2005. Results were presented in the November 10, 2005 Site Investigation Report.

The Report results were discussed with the WDNR in a December 1, 2005 meeting. The WDNR concurred with recommendations in that report to collect additional soil samples for TCLP analyses and bench scale testing. The WDNR also requested the installation of an additional side gradient well nest (MW-7 and MW-7A) and a deep piezometer (MW-3B) at the source area. A Work Plan for a supplemental site investigation was submitted on January 25, 2006, and the supplemental site investigation completed in March 2006. Results were presented in May 2006 status report along with recommendations to further characterize the vertical extent of groundwater contamination at the source area.

2.2.1 Monitoring Well Installation and Well Development

In December 2004, NewFields supervised the installation of five water table observation wells (MW-1, MW-2, MW-3, MW-4, and MW-5) and two piezometers (MW-2A and MW-2B) at the DB Oaks facility. Water table observation wells MW-1 and MW-2 were installed south of the

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

facility building as down gradient monitoring wells. Well MW-3 and MW-4 were installed east of the facility building; well MW-3 was installed down gradient (south) from the former PCE tank adjacent to the facility building, and well MW-4 was installed in the vicinity of the former PCE tank. Well MW-5 was installed on the north side of the facility building up gradient from the former PCE tank. Piezometers MW-2A and MW-4A were installed adjacent to wells MW-2 and MW-4, respectively. In April 2005, down gradient well nest MW-6/6A was installed, and piezometer MW-3A was installed adjacent to well MW-3. In March 2006, side-gradient well nest MW-7/7A was installed near the southwest corner of the property northeast of the intersection of Oak Street and the south driveway access. At that time, MW-3B was installed adjacent to wells MW-3/MW-3A as a deep piezometer to further characterize the vertical extent of groundwater contamination beneath the source area. Well locations are shown on Figure 2.

MW-3B was installed using mud rotary drilling methods. All other wells were installed in boreholes advanced with hollow stem augers. Truck mounted rotary drill rigs provided by Badger State Drilling Company, Inc. of Stoughton, Wisconsin, were used for installing these wells. Soil samples were collected with a split-barrel sampler (split spoon), visually classified in accordance with the Unified Soil Classification System, and recorded on soil boring logs. Soil boring logs were appended to previously submitted reports.

All monitoring wells were constructed with two-inch diameter schedule 40 PVC well casings and screens. Water table observation wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, and MW-7 were constructed with well screens 10-feet in length. The water table was encountered between four and 12 feet below ground surface, and water table observation wells were installed at depths between 13 and 20 feet below ground surface with well screens placed between six and eight feet below the water table. Piezometers MW-2A, MW-3A, MW-4A, MW-6A, and MW-7A were constructed with well screens five-feet in length placed approximately 25 feet below the adjacent water table observation wells (between 39 and 48 feet below ground surface). Piezometer MW-3B was also constructed with a well screen five feet in length placed 32 feet below piezometer MW-3A (80 feet below ground surface). The top of screen and bottom of screen elevations are summarized in Table 1. Following well installation, monitoring wells were developed by NewFields. Well development was completed by surging and purging ten well casing volumes. Well construction and well development forms were appended to previously submitted reports.

2.2.2 In-Situ Hydraulic Conductivity Testing

In December 2004, NewFields performed in-situ hydraulic conductivity tests on existing monitoring wells to determine the hydraulic conductivity of the soil unit near each well screen. These tests were performed by rapidly removing a bailer, or "slug" of water from the well. A pressure transducer in the well and data logger were then used to measure the drawdown and subsequent recovery of water elevations in the well. Because the recovery was rapid, two tests were performed at each well. The hydraulic conductivity around each well screen was then calculated using the Bouwer and Rice Method with USGS provided spreadsheet tables. Hydraulic conductivity estimates are summarized in Table 2 (in-situ hydraulic conductivity test results were included in Appendix B of the November 2005 Site Investigation Report).

Layered fine grained low permeability soils (i.e. silty clay and silt) were encountered at all well locations interbedded with permeable soil units (silty sand and sand). Water table observation wells were constructed with long (10 feet) well screens that intersect several soil units. This condition caused the high permeability soils to dominate the test. Consequently, in-situ hydraulic conductivity test results represent the permeability of the most permeable soil unit intersecting the well screen. Additionally, these results likely represent the horizontal hydraulic conductivity of the most permeable soil unit encountered. The permeability of the silt and silty clay soils encountered in the upper portion of each well boring are likely several orders of magnitude lower than the permeability of the underlying sand units.

2.2.3 Groundwater Sample Collection

A round of groundwater samples was collected from all existing wells following the well installations completed in December 2004, April 2006 and March 2006. Prior to sample collection, four well casing volumes were purged from each well. Samples were collected with bailers equipped with bottom emptying devices; a bailer was dedicated to each well. Laboratory provided containers were filled, held in a cooler on ice, and shipped to a Wisconsin-certified environmental laboratory for analyses. All samples were analyzed for volatile organic compounds (VOCs) by USEPA method 8260. In accordance with WDNR guidance, one duplicate sample and a trip blank were also analyzed for VOCs. Additionally, field measurements for pH, conductivity, temperature, oxidation-reduction potential, and dissolved oxygen were made at the time of sample collection. Groundwater monitoring results are discussed in Section 4.3.

2.3 SOIL INVESTIGATION

2.3.1 Geoprobe Soil Sample Collection

Preliminary site investigation results and December 2004 groundwater monitoring results indicated that potential source areas were present on the east side of the facility building; contamination was encountered near the former PCE tank as well as near loading docks located adjacent to the building. Additional investigation was recommended in the February 2005 status report to further characterize the lateral and vertical extent of soil contamination. In May 2005, over 60 soil borings were advanced in a regular grid pattern at potential source areas. At each location, soil samples were collected from the borings at intervals from 0 to 2.5 feet, from 2.5 to 5 feet, and from 5 to 7.5 feet below ground surface. Soil samples were also collected from four borings (A4, A6, A8, and A10) advanced inside the building (see Figure 5). Soil samples were analyzed by a mobile laboratory, and mobile laboratory results were used to guide the investigation. Following soil sample collection, all borings were backfilled with bentonite. Geoprobe services were provided by Soil Essentials of New Glarus, Wisconsin.

2.3.2 Mobile Laboratory Analysis

Mobile laboratory services were provided by Environmental Chemistry Consulting Services Inc. (ECCS) of Madison, Wisconsin. All soil samples were analyzed for benzene, toluene, PCE, trans-1,2-dichloroethene (transDCE), and degradation products of PCE including vinyl chloride, 1,1-dichloroethene (DCE), cis-1,2-dichloroethene (cisDCE), trichloroethene (TCE). VOCs were analyzed with high-resolution gas chromatography (GC) and a mass selective detector (MSD). Following sample collection, soil samples were submitted to the mobile laboratory analyst.

3.1 VERTICAL GROUNDWATER ZONE SAMPLING

Vertical groundwater "zone" sampling was completed to identify the vertical extent of groundwater contamination, and select depths for deep peizometers. Zone sampling consisted of the collection of groundwater samples as borings MW-2B, MW-3C, MW-7B, and MW-8B were advanced (see Figure 2). These soil borings were advanced using Sonic drilling methods. Sonic drilling is completed by advancing the drill stem and sampler (core barrel) vertically using vibration frequencies between about 50 and 180 Hz (hence the name sonic). At each borehole the core-barrel, which is ten feet in length, was advanced ahead of temporary casing. After the core barrel was retrieved, temporary casing was then advanced ten feet in preparation for the next core run. Continuous cores of soil were obtained when the core barrel was retrieved, and subsurface soil units were visually classified in accordance with the Unified Soil Classification System and recorded on field boring logs. Soil cuttings were placed in 55-gallon drums, and will be temporarily stored on-site until arrangements for disposal can be made. Soil boring logs are included in Appendix A.

Groundwater zone samples were collected from the soil borings with a well point sampler installed as a temporary well. A two-inch diameter well point, five feet in length, was attached to the drill rod and lowered through the temporary casing to the desired sample interval. The temporary casing was then pulled back a minimum of five feet allowing the formation to collapse around the well point. A small diameter submersible pump was inserted into the drill rod and used to purge the well for a minimum of one hour before groundwater samples were collected. Samples were collected at the 60 to 65, 80 to 85, and 95 to 100 foot intervals from the MW-2B, MW-7B, and MW-8B boring locations; a sample was also collected at the 30 to 35 foot interval from the MW-8B boring. At the MW-3C location, samples were collected at the 100 to 105, 120 to 125, and 130 to 135 foot intervals[3]. All samples were collected in laboratory provided containers, placed on ice, and submitted to Environmental Chemistry Consulting Services Inc. (ECCS), a Wisconsin-certified environmental laboratory, and analyzed for VOC analysis by Method 8260 within 24-hours. Results were used to select screen depths for deep piezometers MW-2B, MW-3C, MW-7B, and MW-8B as described in Section 3.2 below. Groundwater zone sampling results are summarized in Table 3, and laboratory reports are included in Appendix B.

[3] A sample was collected from the 130 to 135 foot interval rather that the 140 to 145 foot interval because a fine grained low permeability silty clay unit was encountered between 132 and 145 feet.

3.2 MONITOR WELL INSTALLATION

Groundwater zone samples were analyzed within 24-hours, and used to select screen depths for deep piezometers. VOCs were detected at elevated concentrations in samples collected from the 60 to 65 foot interval at the MW-2B and MW-7B borings, but declined significantly in samples collected from deeper horizons. Well screens for the MW-2B and MW-7B piezometers were placed between 80 and 85 feet below ground surface. No VOCs were detected in zone samples collected from the MW-8B boring. However, the well screen for the deep piezometer at this location was also placed between 80 and 85 feet below ground surface; the same horizon that well screens were placed for piezometers MW-2B, MW-3B, and MW-7B. A water table observation well (MW-8), and shallow piezometer (MW-8A) were also installed at the MW-8 well nest. The well screen for piezometer MW-8A was placed between 45 and 50 feet below ground surface; the same horizon that well screens were placed for piezometers MW-2A, MW-3A, MW-MW-4A, MW-6A, and MW-7A.

Elevated concentrations of VOCs were detected at the 100 to 105-foot interval, but declined in samples collected at deeper horizons 120 to 125 and 130 to 135 feet below ground surface. The well screen for MW-3C was placed between 125 and 130 feet below ground surface because a sand unit was encountered between 124 and 132 at this location. Fine grained low permeability silty clay units, which would likely yield little to no groundwater, were encountered above and below this sand unit.

All wells were constructed with two-inch diameter schedule PVC well casing and screen. Well MW-3B was constructed with schedule 80 PVC, and the remaining wells were constructed with schedule 40 PVC. Water table observation well MW-8 was constructed with a 10-foot well screen, and the remaining piezometers (MW-2B, MW-3C, MW-7B, MW-8A, and MW-8B) were constructed with 5-foot well screens. A sand pack was placed around each well screen as the temporary drill casing was removed, and a bentonite seal was then placed above the sand pack. Bentonite chips were used to backfill the annular space seal of MW-8 because this well was installed at a shallow depth. The annular spaces of all peizometers were backfilled with bentonite slurry tremied in place. Well MW-2B, installed in an asphalt parking lot, was encased in a flush mount protective well casing cemented in place. The remaining wells were encased in above ground (stick-up) protective well casing with locking caps. Well construction forms are included in Appendix A.

A minimum of 12 hours after well installation, each well was developed by surging and purging 10-well volumes. The reference elevation of each new was also surveyed relative to existing site datum. Well development reports are also included in Appendix A. All drilling, well abandonment, well construction, and well development was completed in accordance with Wisconsin Administrative Code NR 141 requirements.

3.3 GROUNDWATER SAMPLE COLLECTION

A round of groundwater samples was collected from all existing wells following the installation of additional wells in September 2006. Prior to sample collection, four well casing volumes were purged from each well. Samples were collected with bailers equipped with bottom emptying devices; a bailer was dedicated to each well. Laboratory provided containers were filled, held in a cooler on ice, and shipped to ECCS, a Wisconsin-certified environmental laboratory for analyses. All samples were analyzed for volatile organic compounds (VOCs) by USEPA method 8260. In accordance with WDNR guidance, two duplicate samples and a trip blank were also analyzed for VOCs. Laboratory reports are included in Appendix C, and groundwater monitoring results are discussed in Section 4.3.

Static water levels prior to sample collection were also used to calculate groundwater elevations and prepare water table and potentiometric surface maps. Groundwater elevations measured on October 25, 2007 are shown on Figure 6. The potentimeteric surface for A hozizon piezometers (MW-2A, MW-3A, MW-4A, MW-6A, MW-7A, and MW-8A) is shown on Figure 6A, and the potentiometric surface of B horizon wells (MW-2B, MW-3B, MW-7B, and MW-8B) is shown on Figure 6B. Water levels were also measured on December 11, 2007[4]. Depth to water measurements and groundwater elevations are summarized in Table 1.

[4] No water levels were measured at the MW-2 and MW-6 well nests on December 11; these wells were buried beneath large piles of snow.

4.1 GEOLOGY AND HYDROGEOLOGY

4.1.1 Regional Geology

Geology in the vicinity of Fort Atkinson consists of alluvial deposits along the Rock River underlain by Pleistocene aged glacial sediments overlying Paleozoic aged sedimentary bedrock units. Glacial deposits include ground moraine, outwash deposits, and loess deposits. Bedrock units include Ordovician aged shales, dolomites, and sandstone units overlying Cambrian aged sandstone.

Depth to bedrock beneath the DB Oak property is unknown. However, bedrock was encountered at a depth of 325 feet below the ground surface at the City of Fort Atkinson Well No. 6, and at depths of 252 and 277 feet below ground surface at City Well Nos. 3 and 4, respectively. As shown on Figure 1, well No. 6 is located approximately ¾ mile west of the DB Oak facility, and well Nos. 3 and 4 are located approximately ¾ miles to the south. Geologic units are shown on City well construction forms included in Appendix D.

4.1.2 Regional Hydrogeology

The upper most water bearing units in the vicinity of Fort Atkinson are the unconsolidated deposits. Groundwater is typically encountered within 20 feet of the ground surface, and the direction of groundwater flow is likely towards the nearby Rock River.

The City of Fort Atkinson utilizes five wells (well Nos. 3, 4, 5, 6, and 7) to obtain water from the deep bedrock aquifer for the municipal water supply. Water supply wells are between 985 and 1,066 feet deep, and are cased to bedrock encountered at depths between 250 and 325 feet below the ground surface. The regional direction of groundwater flow in the underlying bedrock aquifers is unknown. However, groundwater flow in the vicinity of the high capacity municipal water supply wells is likely influenced by localized cones of depression surrounding each well. City well Nos. 3, 4, 5, and 6 are shown on Figure 1[5].

[5] City well No. 7 is not shown on Figure 1; records indicate that it is located on Jamesway Street, which is located south-southeast of Well No. 5 but not shown on this figure.

4.1.3 Site Geology

Soil samples collected from site well borings identified shallow interbedded subsurface soil units consisting of clayey silt, silty clay, silt, clayey sand, silty sand, and sand. In general, fine grained interbedded soil units (silty clay and silt) were encountered in the upper portion of each monitoring well boring. A fine to medium grained sand unit with interbedded silt and silty clay lenses was encountered beneath these shallow interbedded units. Soil boring logs for monitoring well borings are included in Appendix A. Soil units are described in detail on soil boring logs included in Appendix A, and shown on the Geologic Cross-Section included as Figure 7.

Interbedded silty clay and sandy clay units were encountered to 25 feet bgs at the MW-8 well nest. As shown on Figure 7, shallow interbedded silty clay, silt, clayey sand, and sand unit were also encountered within 15 feet of the ground surface at the MW-1, MW-2, MW-3, MW-4, MW-5, and MW-7 borings. In the MW-2A boring, interbedded silt and silty clay lenses were encountered at depths between 17 and 28 feet bgs (this unit was also encountered at depths between 19 and 32 feet in the MW-2B boring). A clean poorly graded fine to medium grained sand was encountered beneath shallow interbedded fine grained soils at the MW-2, MW-3, and MW-4 locations. At MW-6 and MW-7, a dense fine-grained silty sand was encountered beneath the shallow interbedded soil units. This dense silty sand likely represents a glacial till deposit, while the sand encountered at depth in the remaining piezometers likely represents glacial outwash deposits.

The glacial till was encountered to the limits of exploration (41 feet bgs) at the MW-6A location, and to a depth of 28 feet bgs at MW-7A location. At the MW-7 location, the glacial till overlies outwash sand, which was encountered to the limit of exploration (100 feet bgs). This outwash sand was also encountered at depth in the MW-2, MW-3, MW-4, MW-7, and MW-8 locations. However, several fine-grained soil units were also encountered interbedded in the outwash sand unit. A two-foot thick silty clay was encountered at 93-feet bgs in the MW-2B boring. At the MW-3 well nest, silty clay was encountered between 35 and 41 feet bgs, and silt units were encountered between 48 and 51 and between 60 and 76 feet bgs. Silty clays were also encountered between 90 and 92, 100 and 125, and 132 and 145 bgs in the MW-3C boring. At the MW-8 well nest, a silty clay was encountered between 37 and 45 feet bgs, and, thin silts (one to two feet thick) were encountered at 64, 70, and at 80 feet bgs, and interbedded silt and silty clays were encountered between 84 and 114 feet bgs. No interbedded soil units were encountered in the MW-7B boring; outwash sand was encountered between 28 to 100 feet bgs at this location.

4.1.4 Site Hydrogeology

Data obtained from site monitoring wells were used to evaluate site hydrogeologic conditions. As described in Sections 2 and 3 above, previously completed hydrogeologic investigations consisted of the installation of water table observation wells and in-situ permeability testing. Additional wells installed in September 2007 and groundwater elevations measured on October 25, 2007 were used to further evaluate groundwater flow conditions. The top of well casing elevation for each well and the ground surface elevation at each well location was surveyed relative to mean sea level datum. Prior to collecting October 2007 groundwater samples, static water levels were measured in all site monitoring wells. Reference elevations, ground surface elevations, depth to water measurements, and groundwater elevations are summarized in Table 1.

In October 2007, groundwater was encountered in site water table observation wells at depths between 1.5 feet bgs at MW-8 to 13 feet bgs at MW-6. On the east side of the DB Oak building, groundwater was encountered approximately 9.5-feet bgs at MW-2, 3½-feet bgs at MW-3, and 5-feet bgs at well MW-4 and MW-5. Groundwater elevations across the site ranged from 792 feet mean sea level (msl) on the north end to 782 feet msl on the south end of the site. Groundwater elevations for A horizon piezometers ranged from 791 feet msl on the north end to 781 on the south end of the site, and elevations for B horizon piezometers ranged from 784 on the north end of the site to 782 on the south end of the site. Based in these elevations, the direction of groundwater flow is south-southeast. Groundwater elevations measured in site water table observation wells in October 2007 are shown on Figure 6. Groundwater elevations measured for A horizon piezometers are shown on Figure 6A, and groundwater elevations measured for B horizon piezometers are shown on Figure 6B.

As shown on Figure 6, wells MW-1, MW-2, and MW-7 are located within a small groundwater depression. The shallow groundwater flow regime in this area is likely influenced by a drainage ditch originating at a storm drain outfall near MW-2 and extending south parallel to the railway towards 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 the potentiometric surfaces for A and B horizon piezometers (see figure 6A and 6B).

Horizontal gradients were calculated using October 2007 groundwater elevations. The horizontal hydraulic gradient in the shallow aquifer between MW-2A and MW-4A is 0.025 ft/ft. The horizontal gradient calculated from piezometers yielded gradients of 0.018 ft/ft for A

horizon piezometers and 0.005 ft/ft for B horizon piezometers. As described in Section 2.2.2, the hydraulic conductivities in the vicinity of on-site monitoring well screens were determined from in-situ permeability tests performed on all wells. As shown in Table 2, the average hydraulic conductivity derived from water table observation wells is 3.32 x 10-3 cm/sec, and the average hydraulic conductivity derived from piezometers is 2.28 x 10-2 cm/sec. The average linear velocity of groundwater was calculated from the following equation:

$$v = \frac{ki}{n}$$

where: v = average linear velocity of groundwater
k = hydraulic conductivity
i = horizontal gradient
n = porosity

Assuming a porosity of 25%, a horizontal gradient of 0.025 ft/ft, the average linear velocity for shallow groundwater is 0.94 feet per day, or approximately 343 feet per year. Assuming a porosity of 25%, and horizontal gradients of 0.018 ft/ft (measured for A horizon piezometers) and 0.005 ft/ft (measured for B horizon piezometers), the average linear velocity for the underlying outwash sand unit ranges from 491 to 1,697 feet per year.

Estimated vertical gradients were also calculated between well nests. Slight downward vertical gradients were observed between water table wells and shallow (A horizon) piezometers at the MW-2/2A (0.0016 ft/ft), MW-4/4A (0.0004 ft/ft), and MW-7/7A (0.0029 ft/ft) locations. However, moderate vertical gradients were observed at MW-3/3A (0.127 ft/ft), MW-6/6A (0.173 ft/ft), and MW-8/8A (0.2 ft/ft). A similar trend was observed between water table wells and deep (B horizon) piezometers. Slight downward vertical gradients were observed at MW-2/2B (0.0021 ft/ft) and MW-7/7B (0.0013 ft/ft), but moderate vertical gradients were observed at MW-3/3B (0.07 ft/ft) and MW-8/8B (0.1 ft/ft). Very slight downward vertical gradients were also observed between A and B horizon piezometers at MW-2A/2B (0.0024 ft/ft), MW-3A/3B (0.0025 ft/ft), and MW-7A/7B (0.0002 ft/ft); no gradient was observed at MW-8A/8B.

Very slight vertical gradients between A and B horizon piezometers at MW-2A/B, MW-3A/3B, MW-7A/7B, and MW-8A/8B indicate that flow is essentially horizontal in the underlying outwash sand unit. Slight vertical gradients were also observed at well nests MW-2, MW-4, and MW-7. Well screens for both water table observation wells and piezometers intersect the

outwash sand unit at these locations, and slight vertical gradients indicate that groundwater flow is essentially horizontal in this unit. However, moderately strong downward vertical gradients observed at MW-3 and MW-8 locations indicate that the shallow interbedded fine grained soils restrict the vertical movement of groundwater between hydrogeologic units. Well screens for MW-3 and MW-8 do not intersect the underlying outwash sand unit. The moderate downward vertical gradients observed at the MW-6/MW-6A well nest also indicates a restriction of groundwater between the upper and lower portions of the glacial till; the silt and clay content increases below 24 feet at the MW-6 well nest.

4.2 CONTAMINANT CHARACTERIZATION - SOIL

4.2.1 Soil Sample Results

Chlorinated VOCs were detected in soil samples collected from Geoprobe borings advanced in the loading dock and driveway area on the east side of the DB Oak facility building. As with groundwater samples, PCE is the primary constituent of concern detected in soil samples, but degradation products for PCE (TCE, cis-DCE, 1,1-DCE, and vinyl chloride) were also detected in soil samples. Soil sample results and isoconcentration contours showing total VOC concentrations were presented in the November 2005 Site Investigation Report. These results were used to design the ISVE system for soil remediation described in Section 1.2 above.

4.2.2 Soil Contaminant Distribution

Mobile soil sample results indicate that PCE and PCE degradation constituents are present at elevated concentrations on the east side of the DB Oak property between the facility building and the railway line. As shown on Figure 5, total VOC concentrations exceed 10,000 ppb (10 ppm) in a source area located in the vicinity of the former PCE tank near wells MW-4/MW-4A, and in source areas located adjacent to the loading dock area near wells MW-3/MW-3A. The lateral extent of total VOCs exceeding 1 ppm is also shown on Figure 5. Additional soil samples are needed to compare with pre-remediation conditions to evaluate the effectiveness of the ISVE system.

4.3 CONTAMINANT CHARACTERIZATION - GROUNDWATER

4.3.1 Groundwater Sample Results

Groundwater sample results for zone samples collected in September 2007 and samples collected from all monitoring wells in October 2007 verify that chlorinated volatile organic compounds (VOCs) have impacted groundwater quality on the DB Oaks property. The primary constituents of concern detected in groundwater samples are PCE and related degradation products of PCE[6]. September 2007 groundwater zone sampling results are summarized in Table 3, and October 2007 groundwater monitoring results are summarized in Table 4. Historic groundwater sample results are summarized on Table 5.

4.3.2 Groundwater Contaminant Distribution

The lateral extent of total VOCs detected in water table wells is shown on Figure 6. No VOCs were detected in October 2007 samples collected from wells MW-1, MW-5, MW-6, and MW-8; low VOC concentration were detected in the MW-7 sample. These results indicate the lateral extent of contamination to the north, west, and southwest has been defined. However, elevated concentrations of chlorinated VOCs were detected in samples collected from wells MW-2, MW-3, and MW-4. The highest concentrations of VOCs have historically been detected in MW-3 samples indicating a source area near this well. PCE has consistently been detected at elevated concentrations in MW-3 samples indicating it was the primary compound released. Elevated PCE concentrations in MW-4 samples also indicate a source area near the former PCE tank. Well MW-2 is located down gradient from these source areas.

Groundwater samples collected at depth indicate that chlorinated VOCs have also migrated vertically on the east side of the DB Oak facility; chlorinated VOC results are summarized on Figure 7. As shown in Figure 7A, the vertical extent of total VOCs is greatest at the MW-3 well nest. Elevated concentrations of VOCs were detected in samples collected from shallow down gradient piezometers MW-2A and MW-7A, but contaminant concentrations declined with depth. VOC concentrations declined significantly below the 60 to 65 foot sample intervals at the MW-2B and MW-7B borings, but elevated VOCs were detected below 100 feet in samples collected

[6] Degradation products, or daughter products of PCE include trichloroethene (TCE), 1,1-dichloroethene (1,1 DCE), cis-1,2-dichloroethene (cis-DCE), trans-1,2-dichloroethene (trans-DCE) and vinyl chloride.

from the MW-3C boring. No VOCs were detected in September 2007 samples collected from the MW-8B boring; October 2007 samples collected from wells MW-8, MW-8A, and MW-8B confirm these results[7]. Additionally, no VOCs were detected from the MW-6A sample. The lateral extent of total VOC concentrations for A and B horizon piezometers are show on Figures 6A and 6B, respectively.

PCE concentrations in zone samples collected from the MW-3C well boring and from piezometers MW-3A, MW-3B, and MW-3C indicate that PCE migrated vertically through the saturated zone. The lithology encountered at the MW-3 well nest may also influence contaminant migration and the vertical distribution of contaminants. As shown on Figure 7, piezometers MW-3A, MW-3B, and MW-3C are screened in silty sand interbedded with silty clay units. The fine grained low permeability units may restrict the vertical migration of contaminants, but PCE could be adsorbed onto the silt and silty clay soil matrix, which would then slowly diffuse into groundwater flowing through permeable sands.

Groundwater samples collected from down gradient well nests indicate that PCE is degrading to TCE and cis-DCE with distance laterally from PCE source areas. The formation of degradation products indicates that reductive dechlorination of PCE is occurring in the subsurface; PCE degrades to TCE, which degrades to cis-DCE, and then to vinyl chloride. The presence of PCE and degradation products indicate that reductive dechlorination of PCE has occurred over time in the source area and at down gradient locations. Because degradation products (TCE, cis-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. The vertical extent of PCE and cisDCE in September and October 2007 groundwater samples are shown on Figures 7B and 7C, respectively.

Although deep groundwater contamination is present beneath the east side of the facility, samples collected from the MW-3 well nest indicates that total VOC concentrations generally decline with depth. Additionally, elevated concentrations of cisDCE in MW-3, MW-3A, MW-3B, and MW-3C samples indicate that reductive dechlorination of PCE has occurred as it migrated vertically. PCE declined from 10,000 µg/l in the MW-3 sample to 2,100 µg/l in the

[7] Low concentration of bromodichloromethane, bromoform, chloroform, and dibromochloromethane were detected in the October 2007 MW-8A sample. These results appear anomalous because these compounds were not detected in any other October samples. Additional samples will be needed to verify that these constituents are not associated with the PCE release.

MW-3A sample while cisDCE increased from 5,800 µg/l in the MW-3 sample to 11,000 µg/l in the MW-3A sample. In MW-3C samples, both PCE (3.2 µg/l) and cisDCE (110 µg/l) were detected at significantly lower concentrations. However, there are two exceptions to this declining trend. PCE concentrations increased with depth between MW-3A and MW-3B, and cisDCE concentrations increased between MW-3B and the 100 to 105-foot zone sample collected from the MW-3C boring.

SUMMARY AND CONCLUSIONS SECTION FIVE

A Phase I ESA completed in 1994 identified former petroleum storage tanks and a former PCE storage tank on the DB Oak property. A subsequent Phase II ESA was completed in March 1994. The Phase II ESA identified soil and groundwater contamination in the vicinity of the former petroleum and PCE tanks. Results of that preliminary investigation indicated that a release from the petroleum tanks had not occurred, but PCE and other chlorinated VOCs were detected in soil and groundwater samples. This release was subsequently reported to the WDNR, and the Agency requested that Thomas Industries complete a site investigation to identify the lateral and vertical extent of subsurface contamination associated with the PCE release.

On behalf of Thomas, NewFields submitted a work plan to the WDNR in November 2004, and completed an initial hydrogeologic investigation in December 2004. Results of that investigation and recommendations for additional investigation were presented in a February 2005 status report. Additional investigation was subsequently completed between April and June 2005. These site investigation results were presented in a November 2005 Site Investigation Report, and were discussed with the WDNR during a December 1, 2005 meeting. The WDNR concurred with recommendations in that report and requested the installation of an additional side gradient well nest (MW-7 and MW-7A) and a deep piezometer (MW-3B) at the source area. A Work Plan for a supplemental site investigation was submitted on January 25, 2006, and the supplemental site investigation completed in March 2006. Results were presented in a May 2006 status report.

Elevated concentrations of chlorinated VOCs detected in soil samples collected from Geoprobe borings advanced near the former PCE tank and loading dock areas indicate that source areas are located on the east side of the DB Oak facility building. Chlorinated VOCs were detected in soil samples collected from the saturated and unsaturated zones. Site investigation results indicate that contaminants have absorbed into the fine-grained soil matrix encountered at shallow depths in this area. Because groundwater is encountered at shallow depths, these contaminated soils are a source for groundwater contamination.

Prior to additional site investigation, Thomas Industries elected to implement site remediation in two phases. Soil remediation would be performed during the first phase, and followed by groundwater remediation performed as the second phase after the effects of soil remediation on groundwater were better understood. In a letter dated September 8, 2006 an ISVE system (and soil conditioning) was conditionally approved as an interim remedial response by the WDNR. Soil conditioning and subsurface piping was installed in the loading dock area on the east side of

the facility building between October and December 2006. Final grading was completed in March 2007, and the system operated between June and October 2007.

Approval conditions for the interim remedial response described in the WDNR's September 8, 2006 letter include further identification of the vertical extent of groundwater contamination at the MW-2, MW-3, and MW-7 well nest locations, and identification of the lateral and vertical extent of contamination in the area north of MW-7. NewFields submitted a July 25, 2007 Work Plan for zone sampling and well installation at these well locations. Zone groundwater samples were collected to further characterize the vertical extent of groundwater contamination, and to select screen intervals for deep piezometers. Zone samples and well installation was completed in September 2007; a round of groundwater samples was also collected from all site wells in October 2007.

Prior to sample collection, water levels were measured in all site wells and used to calculate groundwater elevations. Based on these elevations, the direction of groundwater flow at that time was south-southeast. October 2007 groundwater elevations indicate that a small groundwater depression is located at the south side of the DB Oak facility (see Figure 6). 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 potentiometric surfaces for A and B horizon piezometers (see figure 6A and 6B).

Recently collected groundwater samples verify 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-DCE, 1,1-DCE, and vinyl chloride), and trans-DCE 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. Elevated concentrations of chlorinated VOCs were also detected in samples collected from down gradient well MW-2. However, no VOCs were detected in October 2007 samples collected from wells MW-1, MW-5, MW-6, and MW-8; only low VOC concentrations were detected in the MW-7 sample. These results indicate the lateral extent of contamination to the north, west, and southwest has been defined.

The highest concentrations of VOCs have historically been were detected in the MW-3 samples indicating a source area near this well. PCE has consistently been detected at elevated

concentrations in the MW-3 samples indicating it was the primary compound released. However, elevated concentration of PCE in the MW-4 sample also indicates a source area near the former PCE tank. PCE concentrations in zone samples collected from the MW-3C boring and from piezometers MW-3A, MW-3B, and MW-3C indicate that PCE migrated vertically through the saturated zone on the east side of the DB Oak facility. The vertical extent of total VOCs is greatest at the MW-3 well nest. Elevated concentrations of VOCs were also detected in samples collected from shallow down gradient piezometers MW-2A and MW-7A, but contaminant concentrations declined with depth. VOC concentrations declined significantly below the 60 to 65 foot sample intervals at the MW-2B and MW-7B borings, but elevated VOCs were detected below 100 feet in samples collected from the MW-3C boring.

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 cisDCE in samples collected at depth and with distance from the source area indicate that reductive dechlorination of PCE has occurred as it migrated both laterally and vertically. Because degradation products (TCE, cis-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.

PCE concentrations in zone samples collected from the MW-3C boring and from piezometers MW-3A, MW-3B, and MW-3C indicate that PCE migrated vertically through the saturated zone at the east side of the DB Oak facility. The lithology encountered at the MW-3 well nest has also likely has influenced the vertical distribution of contaminants. Piezometers MW-3A, MW-3B, and MW-3C are screened in silty sands interbedded with silts and silty clays. These fine grained low permeability units may restrict the vertical migration of contaminants.

Although deep groundwater contamination is present beneath the east side of the facility, samples collected at the MW-3 well nest indicates that total VOC concentrations generally decline with depth, but there are two exceptions to this declining trend. PCE concentrations increased with depth between MW-3A and MW-3B, and cisDCE concentrations increased between MW-3B and the 100 to 105-foot zone sample collected from the MW-3C boring. These results may indicate that PCE also migrated vertically at an up gradient location, most likely the former PCE tank adjacent to the MW-4 well nest.

NewFields recommend the collection of additional data from the existing monitoring network. Water levels should be measured in all existing wells in February and April 2007 to verify groundwater flow conditions. An additional round of groundwater samples should also be collected from all existing wells in April 2007. These results will be used to evaluate potential remedial responses for groundwater, which may include the installation of additional monitoring wells.

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.

Tables

Table 1
Groundwater Elevations
DB Oaks Facility, Fort Atkinson, Wisconsin

Well Location	Date Well Installed	Reference Elevation	Ground Surface Elevation	Depth to Top of Screen	Depth to Bottom of Screen	Top of Screen Elevation	Bottom of Screen Elevation	October 25, 2007		December 13, 2007	
								Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation
MW-1	Dec. 2004	793.36	791.3	8	18	783.3	773.3	11.21	782.15	1.21	781.15
MW-2	Dec. 2004	791.21	791.5	5.5	15.5	786.0	776.0	9.24	781.97	(1)	(1)
MW-2A	Dec. 2004	791.27	791.5	35	4	756.5	751.5	9.34	781.93	(1)	(1)
MW-2B	Sep. 2007	791.20	791.5	75	80	716.10	711.1	9.38	781.82	(1)	(1)
MW-3	Dec. 2004	793.20	790.9	3	13	787.9	777.9	5.84	787.36	6.25	786.95
MW-3A	Apr. 2005	793.51	790.9	43	48	747.9	742.9	10.88	782.63	11.66	781.85
MW-3B	Mar. 2006	793.50	791.1	75	80	716.1	711.1	10.90	782.55	11.70	781.75
MW-3C	Sep. 2007	793.49	791.0	125	130	666.0	661.0	14.52	778.97	11.75	781.74
MW-4	Dec. 2004	799.24	796.8	5	15	791.8	781.8	7.65	791.59	7.58	791.66
MW-4A	Dec. 2004	799.13	797.1	34	39	763.1	758.1	7.55	791.58	7.48	791.65
MW-5	Dec. 2004	798.51	796.2	4	14	792.2	782.2	7.34	791.17	7.03	791.48
MW-6	Apr. 2005	797.29	797.7	6	16	791.7	781.7	12.47	784.82	(1)	(1)
MW-6A	Apr. 2005	797.45	797.8	35	40	762.8	757.8	16.60	780.85	(1)	(1)
MW-7	Mar. 2006	794.48	792.0	10	20	782.0	772	12.15	782.33	13.03	781.45
MW-7A	Mar. 2006	794.28	792.1	40	45	751.1	747.1	12.03	782.25	13.01	781.27
MW-7B	Sep. 2007	794.24	791.8	80	85	711.8	706.8	12.00	782.24	12.97	781.27
MW-8	Sep. 2007	795.03	792.8	10	20	782.8	772.8	3.75	791.28	3.76	791.27
MW-8A	Sep. 2007	795.17	792.8	45	50	747.8	742.8	11.25	783.92	11.99	783.18
MW-8B	Sep. 2007	795.19	792.7	80	85	712.7	707.7	11.27	783.92	12.01	783.18

(1) Flush mount wells covered by large snow piles.

Note: Wells MW-1, MW-2, MW-2A, MW-3, MW-3A, MW-4, MW-4A, and MW-5 were installed in December 2004. Wells MW-3A, MW-6, and MW-6A were installed in April 2005. The remaining wells (MW-2B, MW-3C, MW-7B, MW-8, MW-8A, and MW-8B) were installed in September 2007. Reference elevations surveyed by Woodman & Associates following well installation.

Table 2
Summary of In-Situ Hydraulic Conductivity Test Results
DB Oaks Facility, Fort Atkinson, Wisconsin

Well Location	Trial #1 Hydraulic Conductivity (cm/sec)	Trial #2 Hydraulic Conductivity (cm/sec)	Trial #3 Hydraulic Conductivity (cm/sec)	Water Table Observation Well Average Hydraulic Conductivity (cm/sec)	Piezometer Average Hydraulic Conductivity (cm/sec)
MW-1	3.53×10^{-3}	7.06×10^{-3}	--	5.30×10^{-3}	--
MW-2	1.06×10^{-3}	1.06×10^{-3}	--	1.06×10^{-3}	--
MW-2A	1.69×10^{-2}	1.76×10^{-2}	--	--	1.73×10^{-2}
MW-3	1.76×10^{-3}	2.82×10^{-3}	--	2.29×10^{-3}	--
MW-4	3.53×10^{-3}	7.06×10^{-3}	--	5.30×10^{-3}	--
MW-4A	2.54×10^{-2}	2.96×10^{-2}	2.96×10^{-2}	--	2.82×10^{-2}
MW-5	2.12×10^{-3}	3.18×10^{-3}	--	2.65×10^{-3}	--
			Average	**3.32×10^{-3}**	**2.28×10^{-2}**

Table 3
September 2007 Zone Groundwater Sample Results – Volatile Organic Compounds (VOCs)
DB Oaks Facility, Fort Atkinson, Wisconsin

Constituent	MW-2B			MW-3C			MW-7B			MW-8B				PAL	ES
Sample Interval (feet)	**60-65**	**80-85**	**100-105**	**100-105**	**120-125**	**130-135**	**60-65**	**80-85**	**95-100**	**30-35**	**60-65**	**80-85**	**100-105**		
1,1-Dichloroethene (DCE)	<13	<1.0	<0.50	**18**	<1.5	<20	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.7	7
trans-1,2-Dichloroethene (t-DCE)	<13	<1.7	<1.7	**110**	**12**	**4.1**	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	20	100
cis-1,2-Dichloroethene (c-DCE)	**660**	***11***	**1.5**	**9,300**	**1,000**	**530**	***17***	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	7	70
Trichloreethene (TCE)	**150**	**6.2**	***0.65***	**31**	**13**	**5.4**	**20**	***0.87***	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	5
Tetrachloroethene (PCE)	**560**	**23**	***2.8***	**93**	**35**	**12**	**92**	**6.7**	***4.2***	<0.50	<0.50	<0.50	<0.50	0.5	5
Vinyl Chloride (VC)	<13	<1.7	<5	**160**	**8.2**	**2.1**	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.02	0.2
Total VOCs	**1,370**	**40.2**	**4.95**	**9,584**	**10,56.2**	**549.5**	**129**	**7.57**	**4.2**	0	0	0	0		

PAL - Preventive Action Limit per Wisconsin Admin. Code sec. NR 141.10.
ES - Enforcement Standard per Wisconsin Admin. Code sec. NR 141.10.
< - Detected below Limit of Detection.
Concentrations exceeding the PAL are in italics.
Concentrations exceeding the ES have been shaded.

Table 4 (Page 1 of 2)
October 2007 Groundwater Sample Results – Volatile Organic Compounds (VOCs)
DB Oaks Facility, Fort Atkinson, Wisconsin

Constituent	MW-1	MW-2	MW-2A	MW-2B	MW-3	MW-3A	MW-3B	MW-3B (dup 2)	MW-3C	MW-4	MW-4A	PAL	ES
Bromodichloromethane (BDCM)	<0.50	<25	<25	<0.50	<200	<125	<100	<100	<1.0	<25	<0.50	0.06	0.6
Bromoform	<0.50	<25	<25	<0.50	<200	<125	<100	<100	<1.0	<25	<0.50	0.44	4.4
Chloroform	<0.50	<25	<25	<0.50	<200	<125	<100	<100	<1.0	<25	<0.50	0.6	6
Dibromochloromethane (DBCM)	<0.50	<25	<25	<0.50	<200	<125	<100	<100	<1.0	<25	<0.50	6	60
1,1-Dichloroethene (DCE)	<0.50	<25	<25	<0.50	<200	<125	<100	<100	<1.0	<25	<0.50	0.7	7
trans-1,2-Dichloroethene (t-DCE)	<0.50	<25	<25	<0.50	<200	**190 J**	<100	<100	**1.0 J**	<25	<0.50	20	100
cis-1,2-Dichloroethene (c-DCE)	<0.50	**1,800**	**1,800**	***19***	**5,800**	**11,000**	**330**	**310 J**	**110 E**	**42 J**	<0.50	7	70
Trichlorethene (TCE)	<0.50	**520**	**530**	**6.2**	**3,300**	**1,500**	**1,200**	**1,100**	***1.4 J***	**1,500**	**8.5**	0.5	5
1,1,2-Trichloroethane (1,1,2-TCA)	<0.50	<25	<25	<0.50	**400 J**	<125	<100	**190 J**	<1.0	<25	<0.50	0.5	5
Tetrachloroethene (PCE)	<0.50	<25	**360**	**15**	**10,000**	**2,100**	**5,300**	**5,200**	***3.2***	**2,000**	**1.2 J**	0.5	5
Vinyl Chloride (VC)	<0.50	**27**	<25	<0.50	**710**	**520**	<100	<100	***2.8***	<25	<0.50	0.02	0.2
Total VOCs	**0**	**2,347**	**2,690**	**40**	**20,210**	**15,310**	**6,830**	**6,800**	**118.4**	**3,542**	**9.7**		

< - Detected below Limit of Detection.
J -

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 italics.
Concentrations exceeding the ES have been shaded.

Table 4 (Page 2 of 2)
October 2007 Groundwater Sample Results – Volatile Organic Compounds (VOCs)
D.B Oaks Facility, Fort Atkinson, Wisconsin

Constituent	MW-5	MW-6	MW-6A	MW-7	MW-7A	MW-7A (dup 1)	MW-7B	MW-8	MW-8A	MW-8B	PAL	ES
Bromodichloromethane (BDCM)	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	**1.1 J**	<0.50	0.06	0.6
Bromoform	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	**0.82 J**	<0.50	0.44	4.4
Chloroform	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	**1.1 J**	<0.50	0.6	6
Dibromochloromethane (DBCM)	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	**1.3 J**	<0.50	6	60
1,1-Dichloroethene (DCE)	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	0.7	7
trans-1,2-Dichloroethene (t-DCE)	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	20	100
cis-1,2-Dichloroethene (c-DCE)	<0.50	<0.50	<0.50	<0.50	<5.0	**310**	<0.50	<0.50	<0.50	<0.50	7	70
Trichlorethene (TCE)	<0.50	<0.50	<0.50	**0.63**	**110**	**120**	**0.87 J**	<0.50	<0.50	<0.50	0.5	5
1,1,2-Trichloroethane (1,1,2-TCA)	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	0.5	5
Tetrachloroethene (PCE)	<0.50	<0.50	<0.50	**3.5**	**310**	**390**	**6.9**	<0.50	<0.50	<0.50	0.5	5
Vinyl Chloride (VC)	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	0.02	0.2
Total VOCs	0	0	0	**4.13**	**420**	**820**	**7.77**	0	**4.3**	0		

< - Detected below Limit of Detection.
J -

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 italics.
Concentrations exceeding the ES have been shaded.

Table 5 (Page 1 of 2)
Historic Groundwater Sample Results – Volatile Organic Compounds (VOCs)
D.B Oaks Facility, Fort Atkinson, Wisconsin

Constituent	PAL	ES	12/16/2004 MW-1	6/1/2005 MW-1	3/28/2006 MW-1	11/2/2006 MW-1	10/25/2007 MW-1
1,1-Dichloroethene (DCE)	0.7	7	<0.24	<0.41	<0.15	--	<0.50
trans-1,2-Dichloroethene (t-DCE)	20	100	<0.11	<0.35	<0.17	--	<0.50
cis-1,2-Dichloroethene (c-DCE)	7	70	**0.14**	<0.40	<0.19	--	<0.50
Trichlorethene (TCE)	0.5	5	<0.12	<0.25	**0.4**	--	<0.50
Tetrachloroethene (PCE)	0.5	5	<0.13	<0.31	<0.16	--	<0.50
Vinyl Chloride (VC)	0.02	0.2	<0.16	<0.11	<0.2	--	<0.50
Total VOCs			0.14	0	0.4		0

Constituent	PAL	ES	12/16/2004 MW-2	6/1/2005 MW-2	3/28/2006 MW-2	11/2/2006 MW-2	10/25/2007 MW-2	12/16/2004 MW-2A	6/1/2005 MW-2A	3/28/2006 MW-2A	11/2/2006 MW-2A	10/25/2007 MW-2A	12/16/2004 MW-2B	6/1/2005 MW-2B	3/28/2006 MW-2B	11/2/2006 MW-2B	10/25/2007 MW-2B
1,1-Dichloroethene (DCE)	0.7	7	**18**	<210	<76	--	<25	<12	<10	**16**	--	<25	--	--	--	--	<0.50
trans-1,2-Dichloroethene (t-DCE)	20	100	**32**	**160**	<85	--	<25	<5.4	<8.7	**20**	--	<25	--	--	--	--	<0.50
cis-1,2-Dichloroethene (c-DCE)	7	70	**5,900**	**3,800**	**6,400**	--	**1,800**	**380**	**350**	**3,800**	--	**1,800**	--	--	--	--	**19**
Trichlorethene (TCE)	0.5	5	**140**	**160**	**450**	--	**520**	**69**	**83**	**700**	--	**530**	--	--	--	--	**6.2**
Tetrachloroethene (PCE)	0.5	5	**120**	<150	**190**	--	<25	**44**	**110**	**320**	--	**360**	--	--	--	--	**15**
Vinyl Chloride (VC)	0.02	0.2	**33**	<53	<98	--	**27**	**29**	**36**	**91**	--	<25	--	--	--	--	<0.50
Total VOCs			6,243	4,120	7,040		2,347	522	579	4,947		2,690					40.2

Constituent	PAL	ES	12/16/2004 MW-3	6/1/2005 MW-3	3/28/2006 MW-3	11/2/2006 MW-3	10/25/2007 MW-3	12/16/2004 MW-3A	6/1/2005 MW-3A	3/28/2006 MW-3A	11/2/2006 MW-3A	10/25/2007 MW-3A	12/16/2004 MW-3B	6/1/2005 MW-3B	3/28/2006 MW-3B	11/2/2006 MW-3B	10/25/2007 MW-3B	10/25/2007 MW-3C
1,1-Dichloroethene (DCE)	0.7	7	<1,200	<1,000	<380	<140	<200	--	<210	<76	<140	<125	--	--	<76	<71	<100	<1.0
trans-1,2-Dichloroethene (t-DCE)	20	100	<540	<870	<420	<220	<200	--	**250**	**190**	<220	**190**	--	--	<85	<110	<100	**1**
cis-1,2-Dichloroethene (c-DCE)	7	70	**6,800**	**2,600**	**3,500**	**3,000**	**5,800**	--	**13,000**	**12,000**	**14,000**	**11,000**	--	--	**600**	**400**	**330**	**110**
Trichlorethene (TCE)	0.5	5	**17,000**	**5,500**	**7,200**	**5,100**	**3,300**	--	**2,300**	**2,900**	**1,900**	**1,500**	--	--	**2,800**	**1,800**	**1,200**	**1.4**
Tetrachloroethene (PCE)	0.5	5	**34,000**	**27,000**	**28,000**	**22,000**	**10,000**	--	**3,000**	**4,200**	**1,700**	**2,100**	--	--	**17,000**	**9,700**	**5,300**	**3.2**
Vinyl Chloride (VC)	0.02	0.2	<820	<270	<490	**79**	**710**	--	**910**	**740**	**580**	**520**	--	--	<98	<22	<100	**2.8**
Total VOCs			57,800	35,100	38,700	30,179	19,810		19,460	20,030	18,180	15,310			20,400	11,900	6,830	118.4

Constituent	PAL	ES	12/16/2004 MW-4	6/1/2005 MW-4	3/28/2006 MW-4	11/2/2006 MW-4	10/25/2007 MW-4	12/16/2004 MW-4A	6/1/2005 MW-4A	3/28/2006 MW-4A	11/2/2006 MW-4A	10/25/2007 MW-4A
1,1-Dichloroethene (DCE)	0.7	7	<120	<210	<150	--	<25	<0.24	<0.41	<0.15	--	<0.50
trans-1,2-Dichloroethene (t-DCE)	20	100	<54	<170	<170	--	<25	<0.11	<0.35	<0.17	--	<0.50
cis-1,2-Dichloroethene (c-DCE)	7	70	<66	<200	<190	--	**42**	**0.89**	<0.40	**0.29**	--	<0.50
Trichlorethene (TCE)	0.5	5	**10,000**	**4,700**	**38,000**	--	**1,500**	**23**	**0.59**	**0.97**	--	**8.5**
Tetrachloroethene (PCE)	0.5	5	**2,500**	**2,500**	**5,400**	--	**2,000**	**7.1**	**1.2**	**6.9**	--	**1.2**
Vinyl Chloride (VC)	0.02	0.2	<82	<53	<200	--	<25	<0.16	<0.11	<0.2	--	<0.50
Total VOCs			12,500	7,200	43,400		3,542	30.99	1.79	8.16		9.70

Table 5 (Page 2 of 2)
Historic Groundwater Sample Results – Volatile Organic Compounds (VOCs)
D.B Oaks Facility, Fort Atkinson, Wisconsin

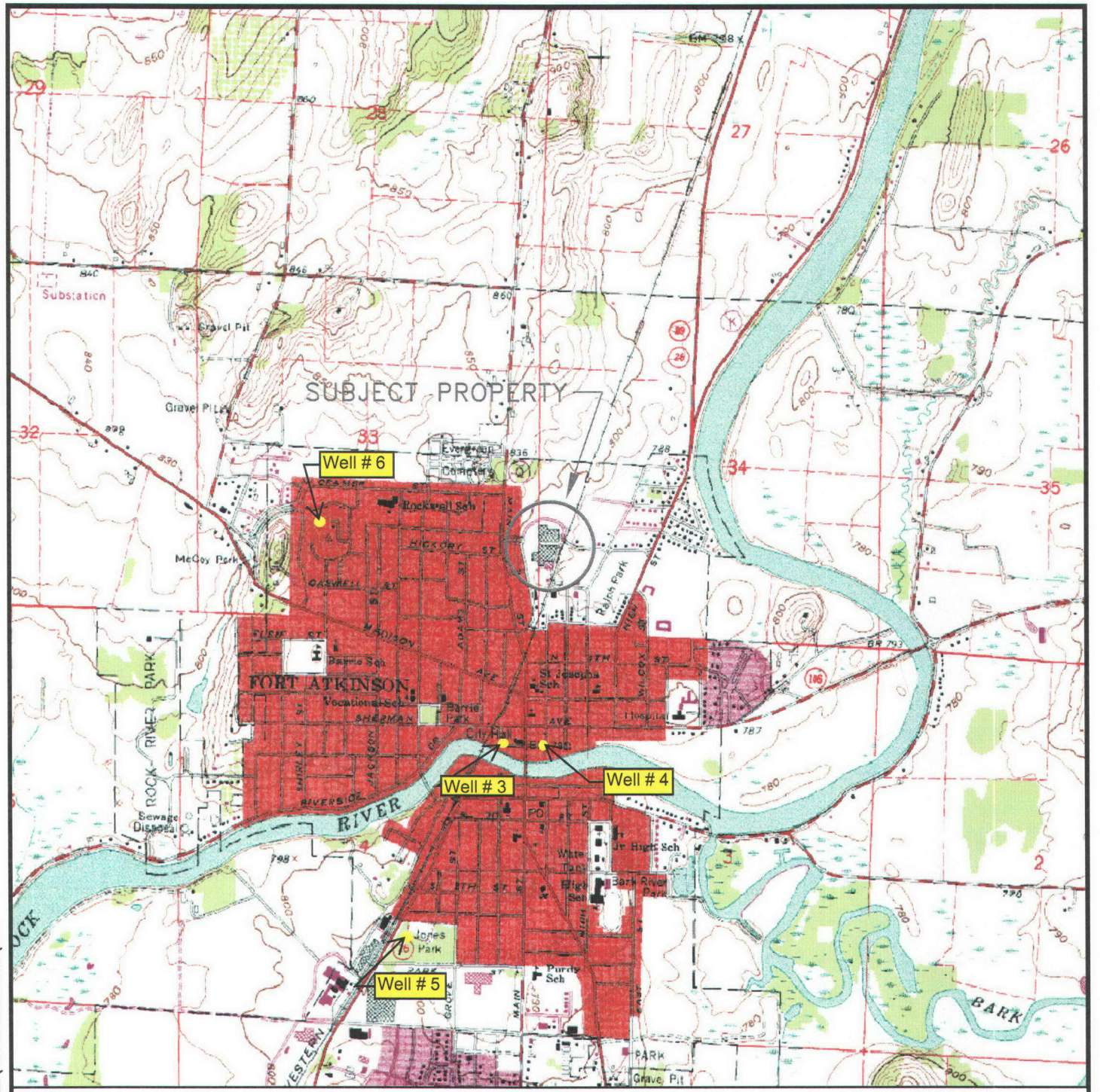
Constituent	PAL	ES	12/16/2004 MW-5	6/1/2005 MW-5	3/28/2006 MW-5	11/2/2006 MW-5	10/25/2007 MW-5
1,1-Dichloroethene (DCE)	0.7	7	<0.24	<0.41	<0.15	--	<0.50
trans-1,2-Dichloroethene (t-DCE)	20	100	<0.11	<0.35	<0.17	--	<0.50
cis-1,2-Dichloroethene (c-DCE)	7	70	**0.21**	<0.40	<0.19	--	<0.50
Trichlorethene (TCE)	0.5	5	**1.2**	<0.25	**0.77**	--	<0.50
Tetrachloroethene (PCE)	0.5	5	**2.3**	<0.31	**0.17**	--	<0.50
Vinyl Chloride (VC)	0.02	0.2	<0.16	<0.11	<0.2	--	<0.50
Total VOCs			3.71	0	0.94		0

Constituent	PAL	ES	12/16/2004 MW-6	6/1/2005 MW-6	3/28/2006 MW-6	11/2/2006 MW-6	10/25/2007 MW-6	12/16/2004 MW-6A	6/1/2005 MW-6A	3/28/2006 MW-6A	11/2/2006 MW-6A	10/25/2007 MW-6A
1,1-Dichloroethene (DCE)	0.7	7	--	<0.41	<0.15	--	<0.50	--	<0.41	<0.14	--	<0.50
trans-1,2-Dichloroethene (t-DCE)	20	100	--	<0.35	<0.17	--	<0.50	--	<0.35	<0.21	--	<0.50
cis-1,2-Dichloroethene (c-DCE)	7	70	--	<0.40	<0.19	--	<0.50	--	<0.40	<0.34	--	<0.50
Trichlorethene (TCE)	0.5	5	--	<0.25	**0.35**	--	<0.50	--	<0.25	<0.19	--	<0.50
Tetrachloroethene (PCE)	0.5	5	--	<0.31	<0.16	--	<0.50	--	<0.31	<0.16	--	<0.50
Vinyl Chloride (VC)	0.02	0.2	--	<0.11	<0.2	--	<0.50	--	<0.11	<0.17	--	<0.50
Total VOCs				0	0.35		0		0	0		0

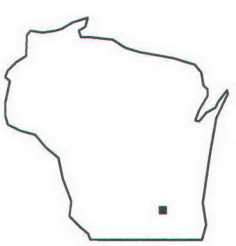
Constituent	PAL	ES	12/16/2004 MW-7	6/1/2005 MW-7	3/28/2006 MW-7	11/2/2006 MW-7	10/25/2007 MW-7	12/16/2004 MW-7A	6/1/2005 MW-7A	3/28/2006 MW-7A	11/2/2006 MW-7A	10/25/2007 MW-7A	12/16/2004 MW-7B	6/1/2005 MW-7B	3/28/2006 MW-7B	11/2/2006 MW-7B	10/25/2007 MW-7B
1,1-Dichloroethene (DCE)	0.7	7	--	--	<0.15	<0.57	<0.50	--	--	<0.68	<5.7	<5.0	--	--	--	--	<0.50
trans-1,2-Dichloroethene (t-DCE)	20	100	--	--	<0.17	<0.89	<0.50	--	--	<10	<8.9	<5.0	--	--	--	--	
cis-1,2-Dichloroethene (c-DCE)	7	70	--	--	**0.89**	<0.83	<0.50	--	--	**270**	**290**	<5.0	--	--	--	--	<0.50
Trichlorethene (TCE)	0.5	5	--	--	**2.9**	**1.4**	**0.63**	--	--	**200**	**180**	**110**	--	--	--	--	**0.87**
Tetrachloroethene (PCE)	0.5	5	--	--	**5.4**	**4.9**	**3.5**	--	--	**850**	**560**	**310**	--	--	--	--	**6.9**
Vinyl Chloride (VC)	0.02	0.2	--	--	<0.2	<0.18	<0.50	--	--	<8.3	<1.8	<5.0	--	--	--	--	<0.50
Total VOCs					9.19	6.3	4.13			1,320	1,030	420					8.64

Constituent	PAL	ES	12/16/2004 MW-8	6/1/2005 MW-8	3/28/2006 MW-8	11/2/2006 MW-8	10/25/2007 MW-8	12/16/2004 MW-8A	6/1/2005 MW-8A	3/28/2006 MW-8A	11/2/2006 MW-8A	10/25/2007 MW-8A	12/16/2004 MW-8B	6/1/2005 MW-8B	3/28/2006 MW-8B	11/2/2006 MW-8B	10/25/2007 MW-8B
1,1-Dichloroethene (DCE)	0.7	7	--	--	--	--	<0.50	--	--	--	--	<0.50	--	--	--	--	<0.50
trans-1,2-Dichloroethene (t-DCE)	20	100	--	--	--	--	<0.50	--	--	--	--	<0.50	--	--	--	--	<0.50
cis-1,2-Dichloroethene (c-DCE)	7	70	--	--	--	--	<0.50	--	--	--	--	<0.50	--	--	--	--	<0.50
Trichlorethene (TCE)	0.5	5	--	--	--	--	<0.50	--	--	--	--	<0.50	--	--	--	--	<0.50
Tetrachloroethene (PCE)	0.5	5	--	--	--	--	<0.50	--	--	--	--	<0.50	--	--	--	--	<0.50
Vinyl Chloride (VC)	0.02	0.2	--	--	--	--	<0.50	--	--	--	--	<0.50	--	--	--	--	<0.50
Total VOCs							0					0.0					0

Figures



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



QUADRANGLE LOCATION

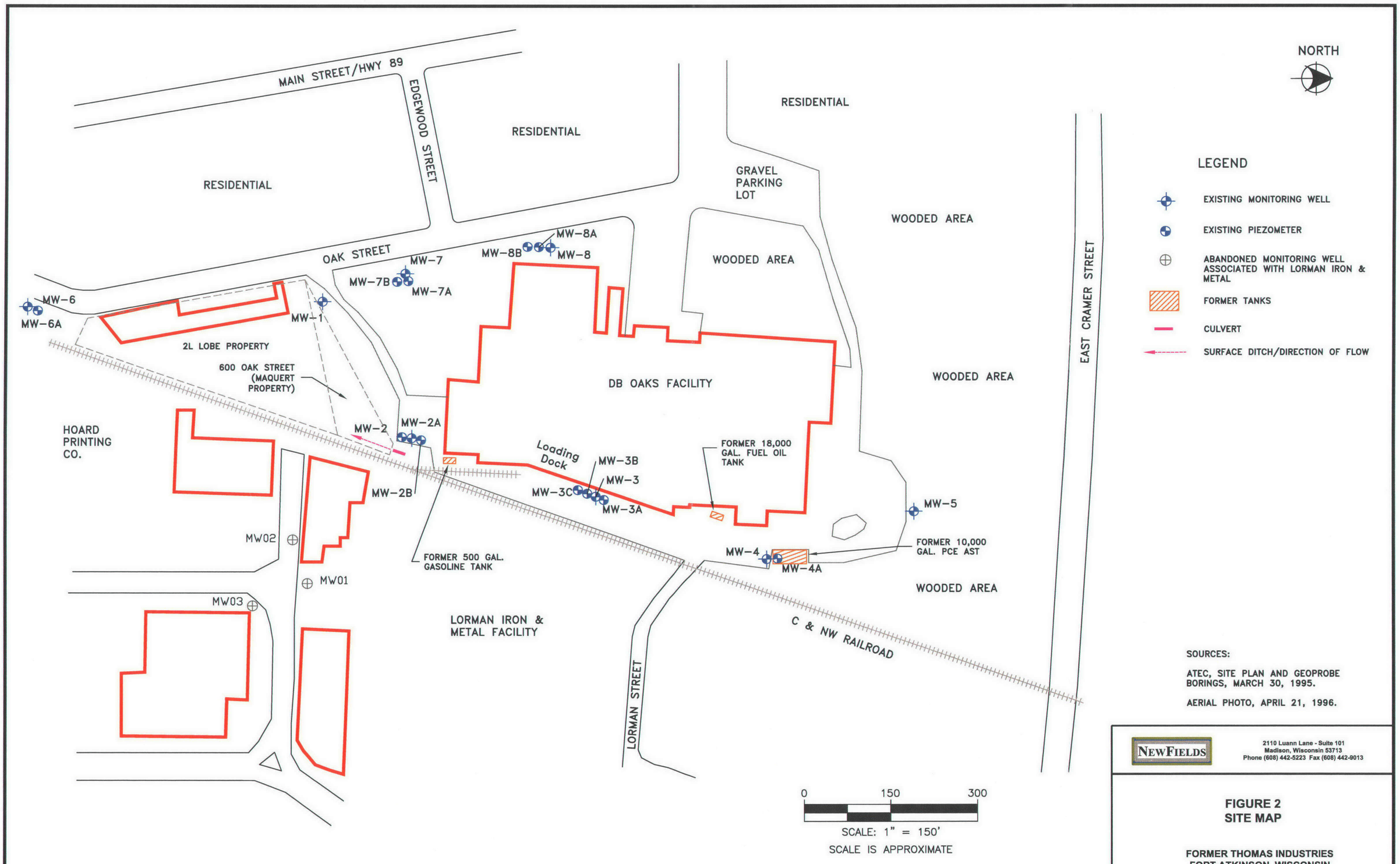
NORTH
SCALE: 1"=2400'

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.

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

NOVEMBER 16, 2007

C:\PROJECTS\THOMAS\FORTATKINSON\CADFILES\NOV2007REPORT\FIG2

NORTH

MAIN STREET/HWY 89

EDGEWOOD STREET

RESIDENTIAL

RESIDENTIAL

RESIDENTIAL

GRAVEL PARKING LOT

OAK STREET

WOODED AREA

EAST CRAMER STREET

MW-6

MW-6A

MW-1

GB-6 8-10'
TCE 8
PCE 73

GB-6

GB-3 6-8'
ND

GB-3

GB-4 11-13'
TCE 5
PCE 35
T 1,2 DCE 25

DB OAKS FACILITY

WOODED AREA

FORMER 18,000 GAL. FUEL OIL TANK

GB-9 8-10'
TCE 10
PCE 370

GB-24 3-5'
PCE 5
T XYLENE 7

GB-4

MW-2

MW-2A

GB-23 3-5'
TCE 500
PCE 15,000
T 1,2 DCE 94

GB-2 6-8'
ND

GB-2

HOARD PRINTING CO.

GB-24

GB-23

GB-18

GB-5

MW-3

MW-3A

MW-5

FORMER 500 GAL. GASOLINE TANK

GB-9

MW-4

MW-4A

FORMER 10,000 GAL. PCE AST

GB-8

GB-7

GB-1

MW02

MW01

MW03

LORMAN IRON & METAL FACILITY

WOODED AREA

GB-5 6-8'
TCE 1,000
PCE 37,000
T 1,2 DCE 2,300
1,1 DCE 28
VC 1,100
MEK 37
TOLUENE 34
CH. BENZ 8
ETH. BENZ 18
T XYLENE 130

GB-8 1-3'
TCE 580
PCE 3,200
T 1,2 DCE 5

LORMAN STREET

C & NW RAILROAD

GB-7 3-5'
TCE 1,600
PCE 850
T 1,2 DCE 9

GB-1 8-10'
TCE 430
PCE 1,600

GB-18 7-9'
ETH. BENZ 11
T XYLENE 20

0 150 300

SCALE: 1" = 150'

SCALE IS APPROXIMATE

LEGEND

- MONITORING WELL
- PIEZOMETER
- ABANDONED MONITORING WELL ASSOCIATED WITH LORMAN IRON & METAL
- GEOPROBE SOIL SAMPLE COLLECTED BY ATEC, MARCH 1995
- FORMER TANKS

VOC ABBREVIATIONS

ETH. BENZ.	Ethylbenzene
CH. BENZ.	Chlorobenzene
1,1 DCE	1,1-Dichloroethene
1,2 DCE	1,2-Dichloroethene
Cis DCE	Cis 1,2-Dichloroethene
TransDCE	Trans 1,2-Dichloroethene
T 1,2 DCE	Total 1,2-Dichloroethene
PCE	Perchloroethene (Tetrachloroethene)
TCE	Trichloroethene
VC	Vinyl Chloride
T XYLENE	Total Xylenes
MEK	Methyl Ethyl Ketone (2-Butanone)

NOTES

VOC CONCENTRATIONS SHOWN AT GEOPROBE SAMPLE POINTS ARE FROM 1995 ATEC REPORT.

ALL RESULTS SHOWN ARE IN UG/L.

SOURCES:

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

AERIAL PHOTO, APRIL 21, 1996.

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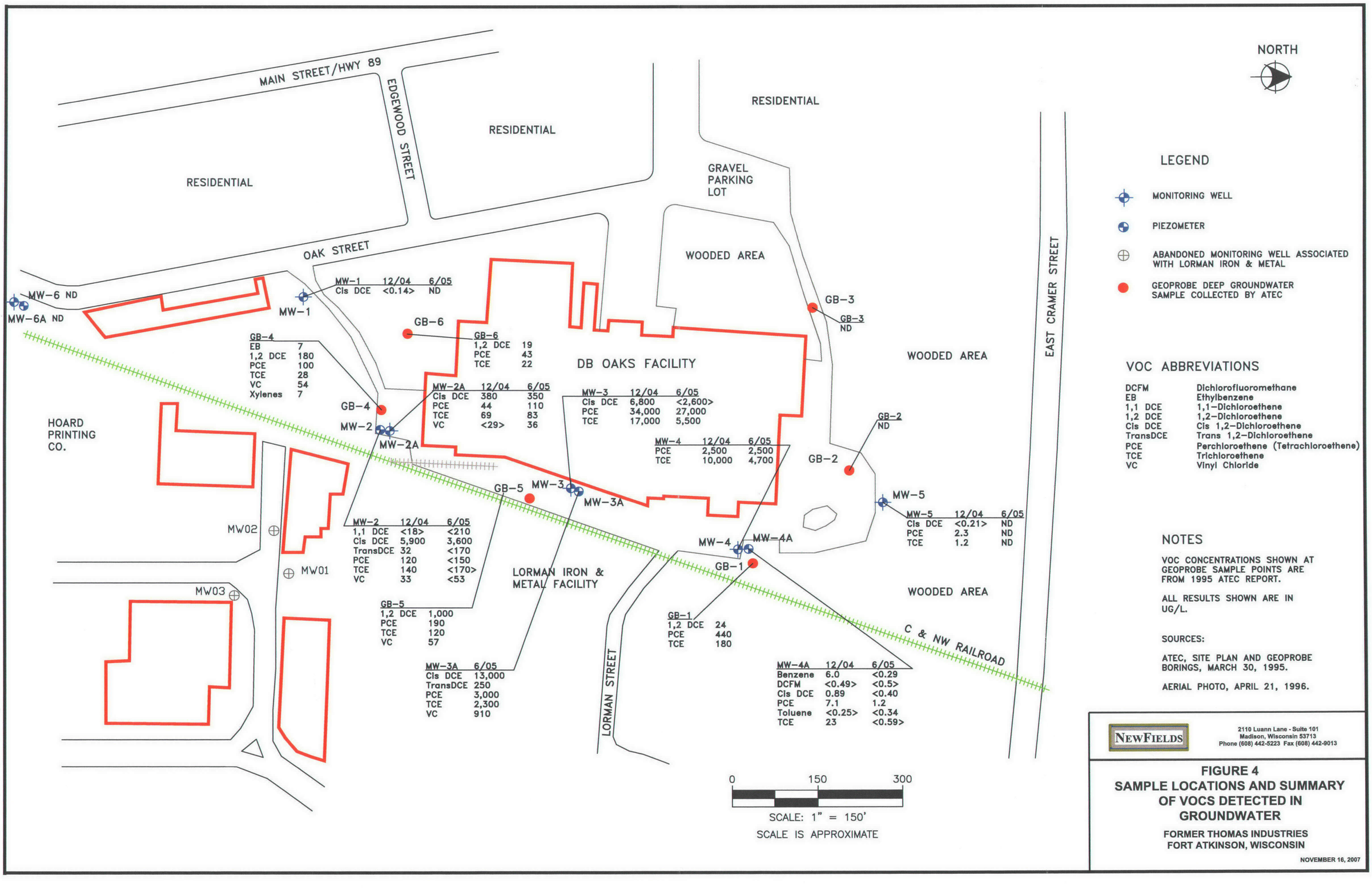
FIGURE 3
PRELIMINARY INVESTIGATION SOIL SAMPLE RESULTS (ATEC 1995)

FORMER THOMAS INDUSTRIES
FORT ATKINSON, WISCONSIN

NOVEMBER 16, 2007

C:_PROJECTS_THOMAS_FORTATKINSON_CADFILES_NOV2007REPORT_FIG3



LEGEND

- MONITORING WELL
- PIEZOMETER
- ABANDONED MONITORING WELL ASSOCIATED WITH LORMAN IRON & METAL
- GEOPROBE DEEP GROUNDWATER SAMPLE COLLECTED BY ATEC

VOC ABBREVIATIONS

DCFM	Dichlorofluoromethane
EB	Ethylbenzene
1,1 DCE	1,1–Dichloroethene
1,2 DCE	1,2–Dichloroethene
Cis DCE	Cis 1,2–Dichloroethene
TransDCE	Trans 1,2–Dichloroethene
PCE	Perchloroethene (Tetrachloroethene)
TCE	Trichloroethene
VC	Vinyl Chloride

NOTES

VOC CONCENTRATIONS SHOWN AT GEOPROBE SAMPLE POINTS ARE FROM 1995 ATEC REPORT.

ALL RESULTS SHOWN ARE IN UG/L.

SOURCES:

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

AERIAL PHOTO, APRIL 21, 1996.

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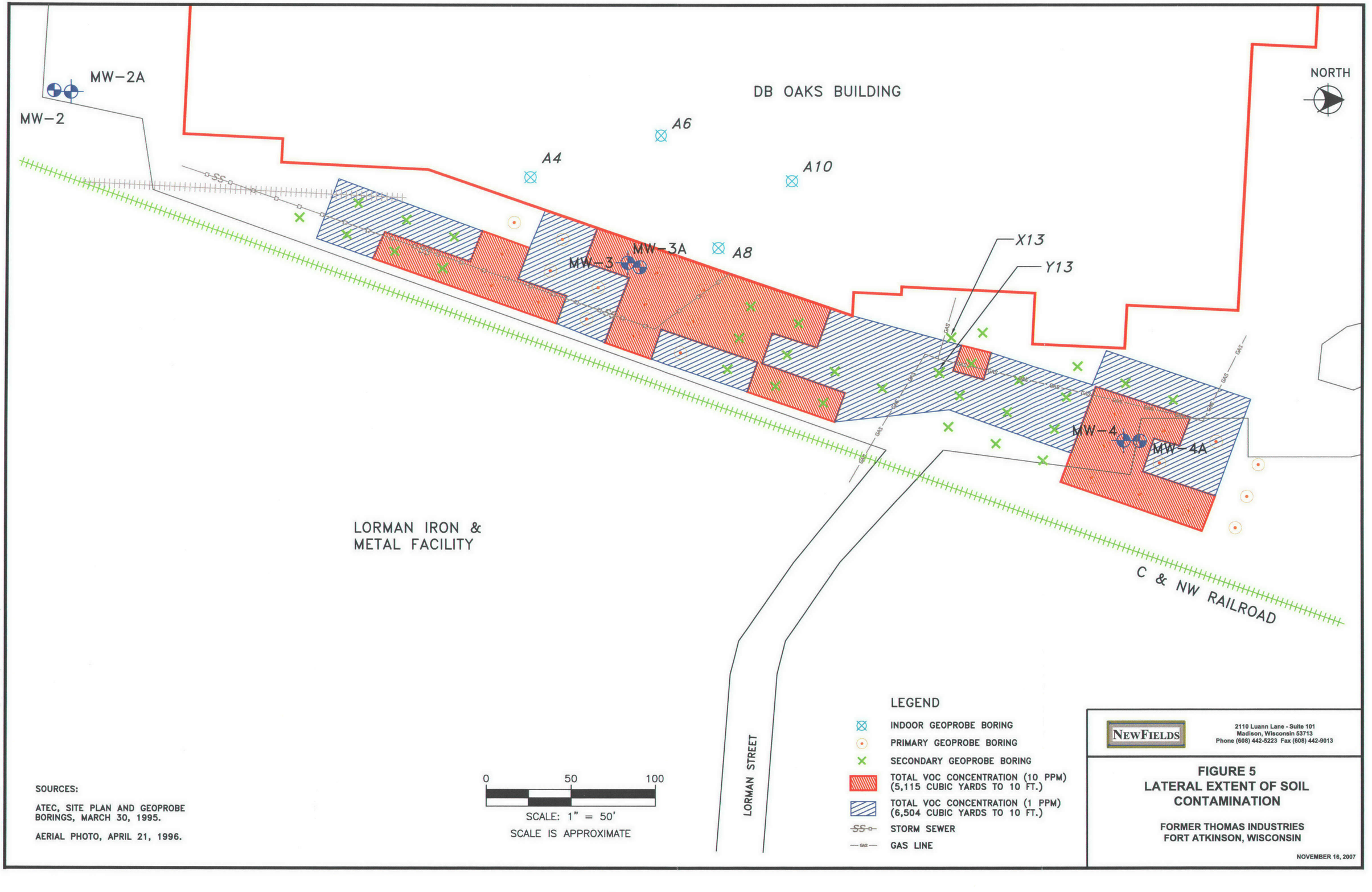
FIGURE 4
SAMPLE LOCATIONS AND SUMMARY OF VOCS DETECTED IN GROUNDWATER

FORMER THOMAS INDUSTRIES
FORT ATKINSON, WISCONSIN

NOVEMBER 16, 2007

C:_PROJECTS_THOMAS_FORTATKINSON_CADFILES_NOV2007REPORT_FIG4



SOURCES:

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

AERIAL PHOTO, APRIL 21, 1996.

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Madison, Wisconsin 53713
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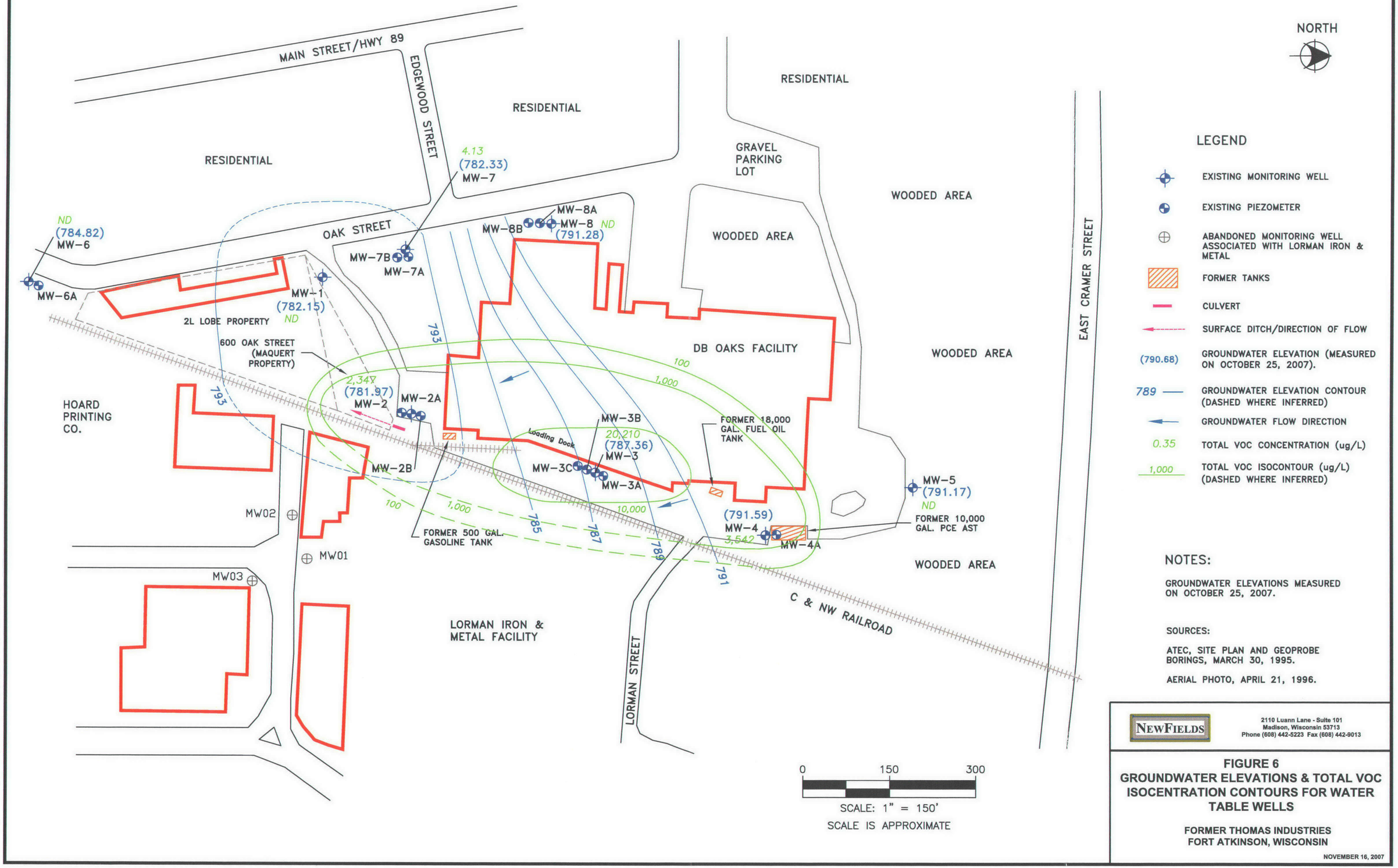
FIGURE 5
LATERAL EXTENT OF SOIL CONTAMINATION

FORMER THOMAS INDUSTRIES
FORT ATKINSON, WISCONSIN

NOVEMBER 16, 2007

C:_PROJECTS_THOMAS_FORTATKINSON_CADFILES_NOV2007REPORT_FIG5



NOTES:

GROUNDWATER ELEVATIONS MEASURED ON OCTOBER 25, 2007.

SOURCES:

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

AERIAL PHOTO, APRIL 21, 1996.

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FIGURE 6
GROUNDWATER ELEVATIONS & TOTAL VOC ISOCENTRATION CONTOURS FOR WATER TABLE WELLS

FORMER THOMAS INDUSTRIES
FORT ATKINSON, WISCONSIN

NOVEMBER 16, 2007

C:\PROJECTS\THOMAS\FORTATKINSON\CADFILES\NOV2007REPORT\FIG6

NORTH

MAIN STREET/HWY 89

EDGEWOOD STREET

RESIDENTIAL

RESIDENTIAL

RESIDENTIAL

GRAVEL PARKING LOT

WOODED AREA

WOODED AREA

WOODED AREA

WOODED AREA

EAST CRAMER STREET

OAK STREET

MW-6

MW-6A
(780.85)
ND

MW-1

MW-7

MW-7B

MW-7A
(782.25)
420

4.3
MW-8A
(783.92)

MW-8B

MW-8

2L LOBE PROPERTY

600 OAK STREET (MAQUERT PROPERTY)

DB OAKS FACILITY

(781.93)
MW-2A
2,690

MW-2

HOARD PRINTING CO.

MW-3B

MW-3

MW-3C

Loading Dock

10,000

1,000

100

FORMER 18,000 GAL. FUEL OIL TANK

MW-5

MW-2B

781

782

783

785

787

789

791

MW02

MW01

MW03

MW-3A
(782.63)
13,210

FORMER 500 GAL. GASOLINE TANK

MW-4

FORMER 10,000 GAL. PCE AST

MW-4A
(791.58)
9.7

LORMAN IRON & METAL FACILITY

C & NW RAILROAD

LORMAN STREET

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 (MEASURED ON OCTOBER 25, 2007).
- 789 GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- 4.3 TOTAL VOC CONCENTRATION (ug/L)
- 1,000 TOTAL VOC ISOCONTOUR (ug/L) (DASHED WHERE INFERRED)

NOTES:

GROUNDWATER ELEVATIONS MEASURED ON OCTOBER 25, 2007.

SOURCES:

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

AERIAL PHOTO, APRIL 21, 1996.

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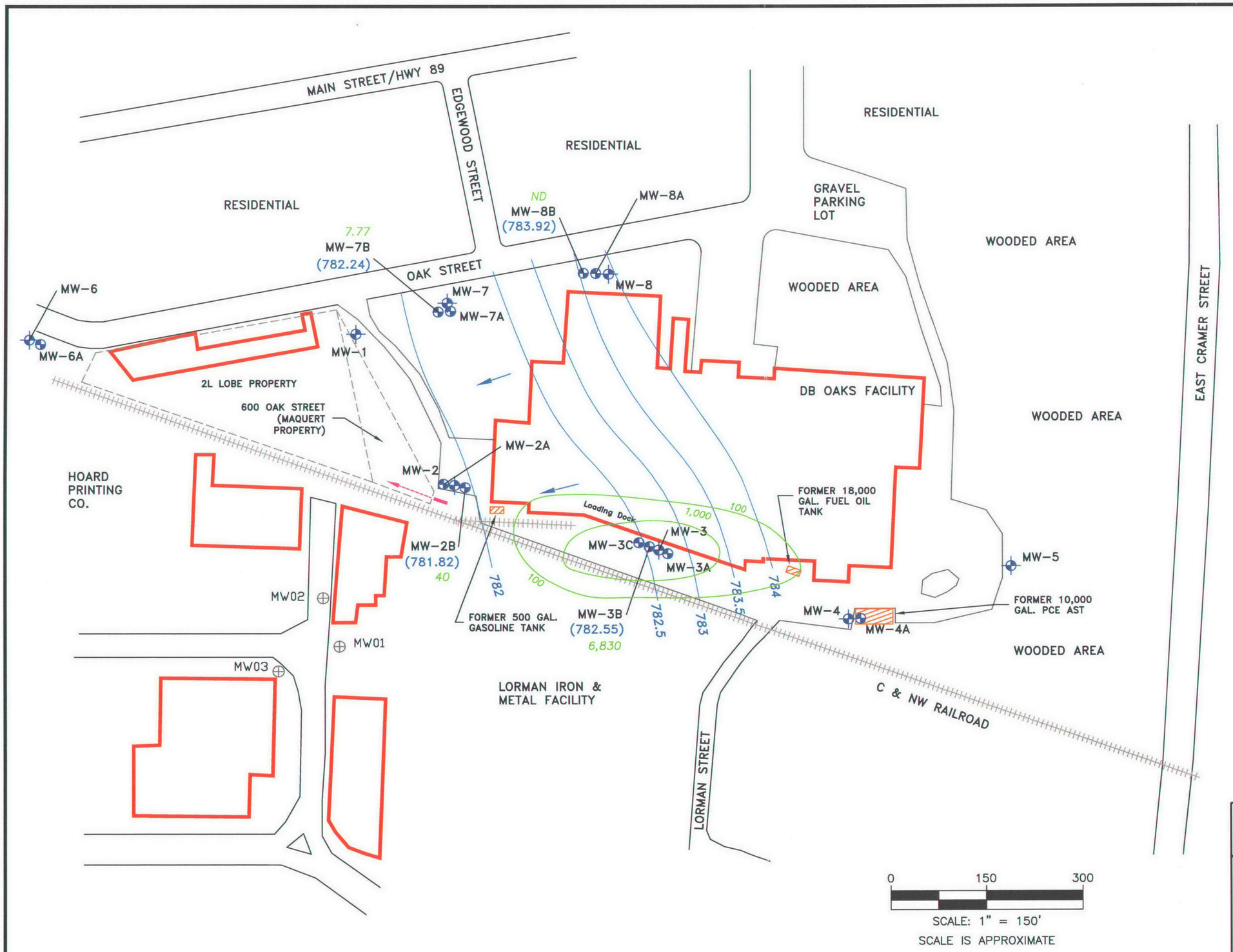
FIGURE 6A
GROUNDWATER ELEVATIONS & TOTAL VOC ISOCENTRATION CONTOURS FOR "A" HORIZON PIEZOMETERS

FORMER THOMAS INDUSTRIES
FORT ATKINSON, WISCONSIN

NOVEMBER 16, 2007

C:\PROJECTS\THOMAS\FORTATKINSON\CADFILES\NOV2007REPORT\FIG6A



NORTH

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 (MEASURED ON OCTOBER 25, 2007).
- 789 GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- 40 TOTAL VOC CONCENTRATION (ug/L)
- 1,000 TOTAL VOC ISOCONTOUR (ug/L) (DASHED WHERE INFERRED)

NOTES:

GROUNDWATER ELEVATIONS MEASURED ON OCTOBER 25, 2007.

SOURCES:

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

AERIAL PHOTO, APRIL 21, 1996.

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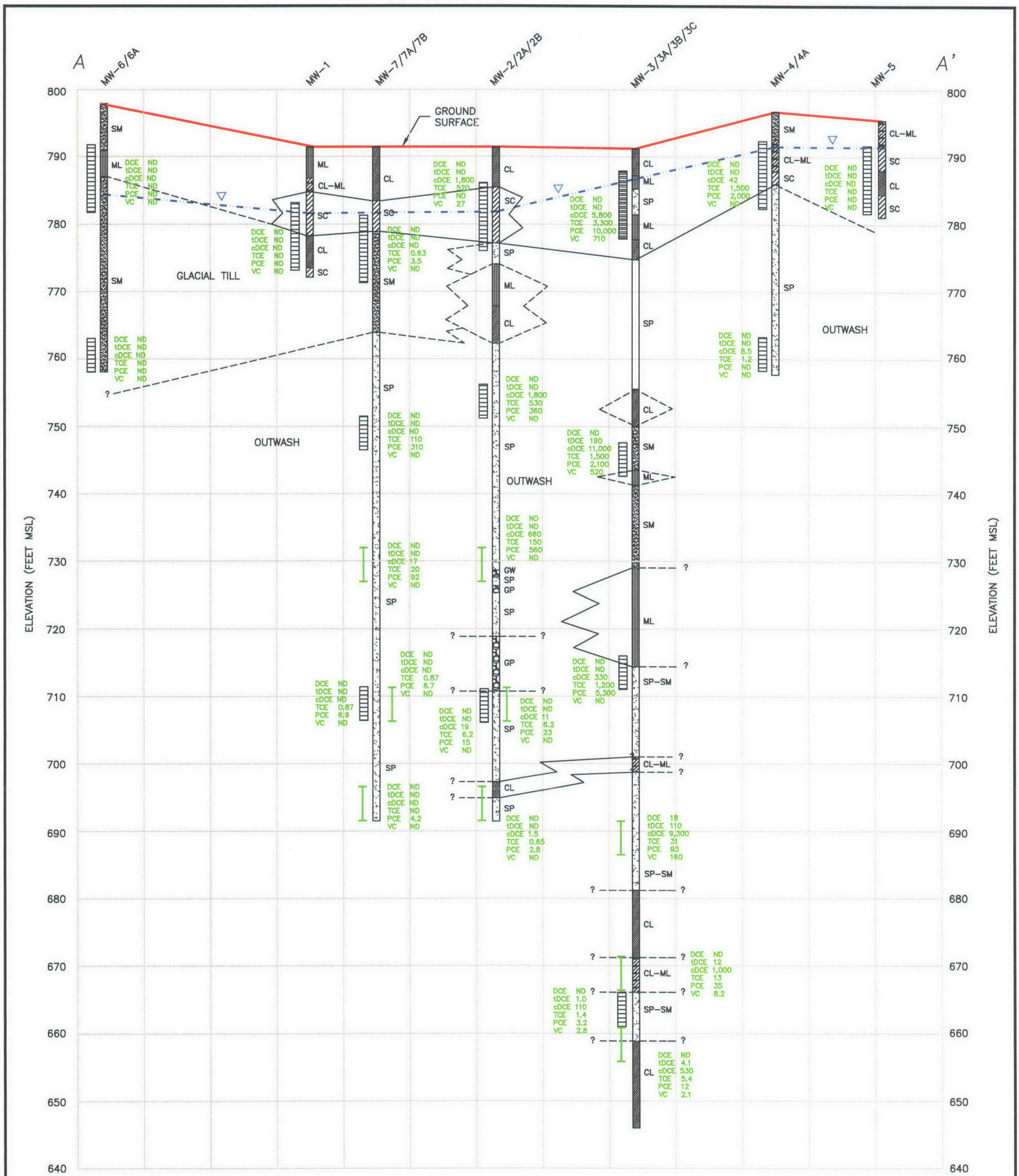
FIGURE 6B
GROUNDWATER ELEVATIONS & TOTAL VOC ISOCENTRATION CONTOURS FOR "B" HORIZON PIEZOMETERS

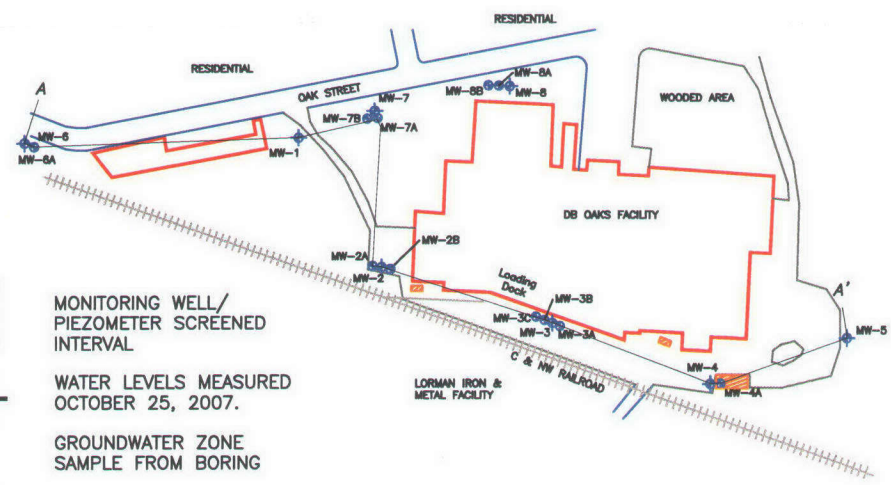
FORMER THOMAS INDUSTRIES
FORT ATKINSON, WISCONSIN

NOVEMBER 16, 2007

C:\PROJECTS\THOMAS\FORTATKINSON\CADFILES\NOV2007REPORT\FIG6B



CROSS SECTION LOCATION



LEGEND:

- CLAY (CL)
- CLAY/SILT (CL–ML)
- SILT (ML)
- CLAYEY SAND (SC)
- SILTY SAND (SM)
- SAND (SP)
- GRAVEL (GP OR GW)

- MONITORING WELL/ PIEZOMETER SCREENED INTERVAL
- WATER LEVELS MEASURED OCTOBER 25, 2007.
- GROUNDWATER ZONE SAMPLE FROM BORING

DCE	1,1–DICHLOROETHENE
tDCE	trans–1,2–DICHLOROETHENE
cDCE	cis–1,2–DICHLOROETHENE
TCE	TRICHLOROETHENE
PCE	TETRACHLOROETHENE
VC	VINYL CHLORIDE

SCALE:

HORIZ. 1" = 200'
VERT. 1" = 15'

NOTES:

ALL GROUNDWATER RESULTS SHOWN IN ug/L.

GROUNDWATER ZONE SAMPLES COLLECTED IN SEPTEMBER 2007. MONITORING WELL SAMPLES COLLECTED IN OCTOBER 2007.

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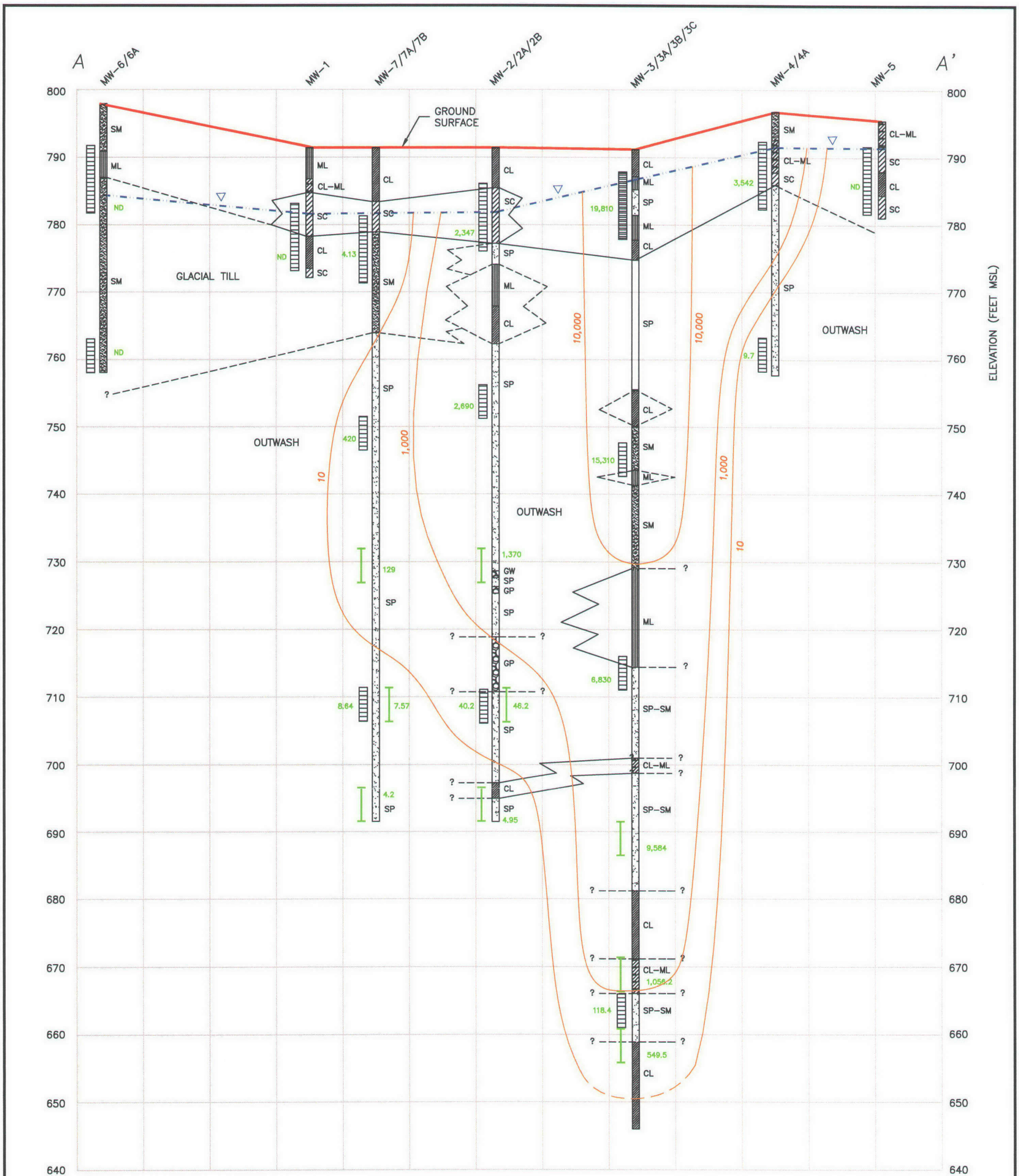
FIGURE 7
CROSS SECTION A - A' WITH GROUNDWATER SAMPLING RESULTS

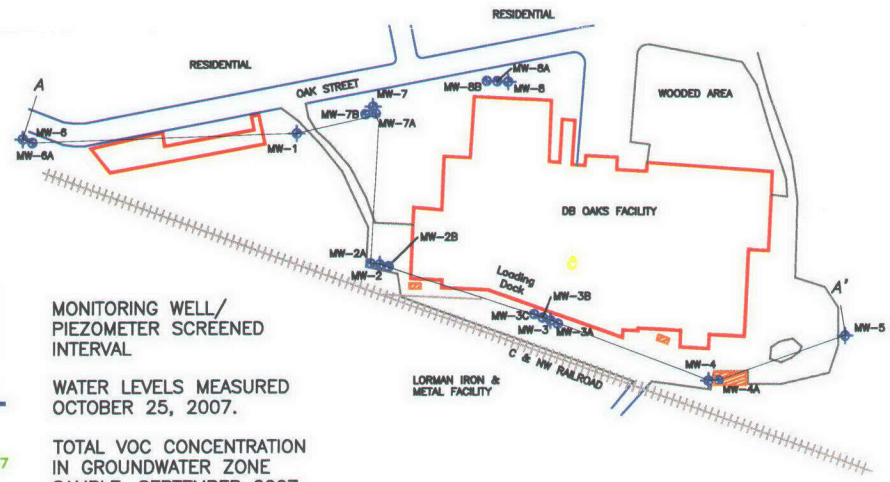
FORMER THOMAS INDUSTRIES
FORT ATKINSON, WISCONSIN

NOVEMBER 16, 2007

C:\PROJECTS\THOMAS\FORTATKINSON\CADFILES\NOV2007REPORT\FIG7



CROSS SECTION LOCATION



LEGEND:

- CLAY (CL)
- CLAY/SILT (CL–ML)
- SILT (ML)
- CLAYEY SAND (SC)
- SILTY SAND (SM)
- SAND (SP)
- GRAVEL (GP OR GW)

- MONITORING WELL/ PIEZOMETER SCREENED INTERVAL
- WATER LEVELS MEASURED OCTOBER 25, 2007.
- 7.57 — TOTAL VOC CONCENTRATION IN GROUNDWATER ZONE SAMPLE, SEPTEMBER 2007
- 8.64 — TOTAL VOC CONCENTRATION MEASURED OCTOBER 2007
- 1,000 — TOTAL VOC CONCENTRATION

SCALE:

HORIZ. 1" = 200'
VERT. 1" = 15'

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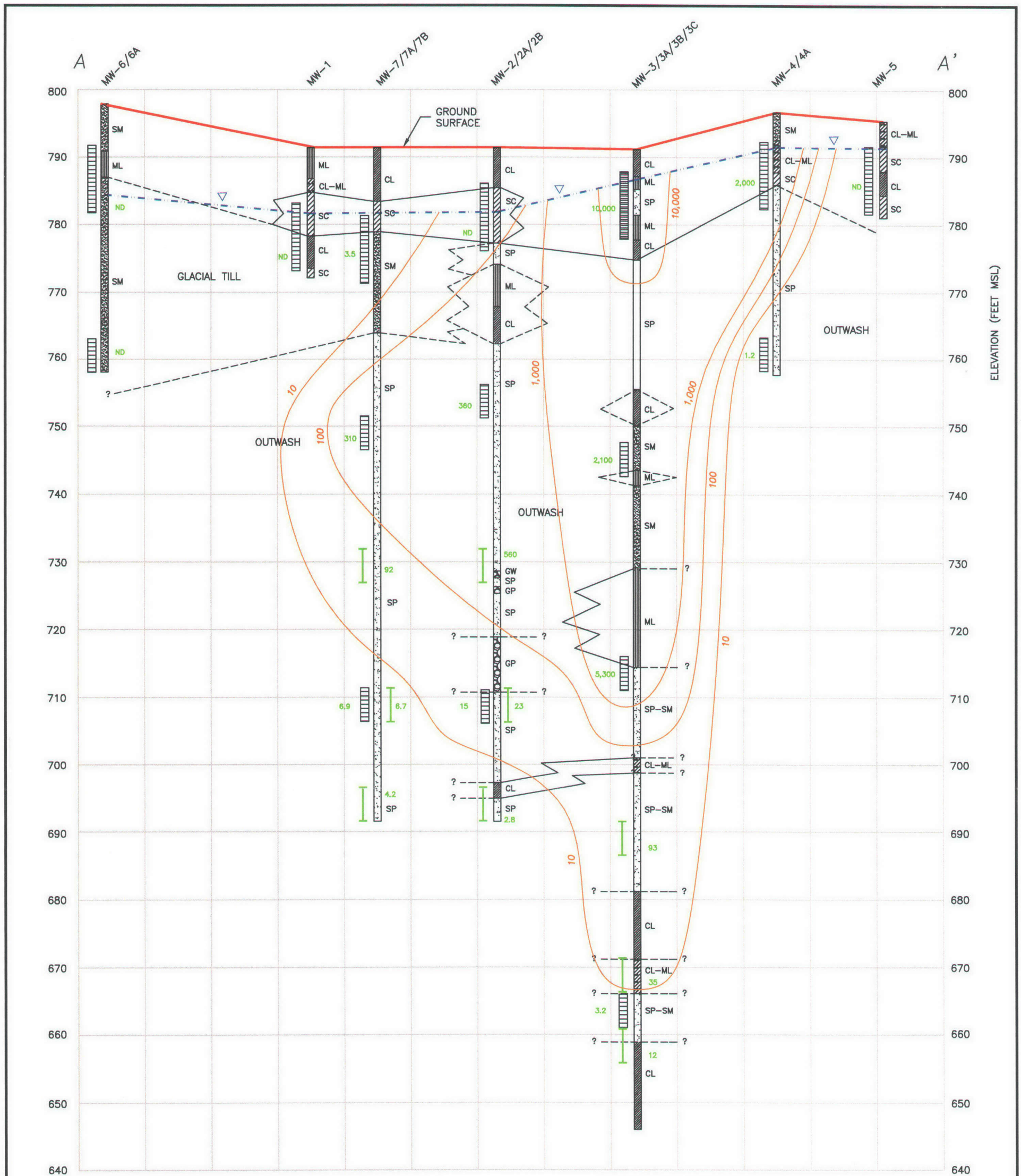
FIGURE 7A
VERTICAL EXTENT OF TOTAL VOCs

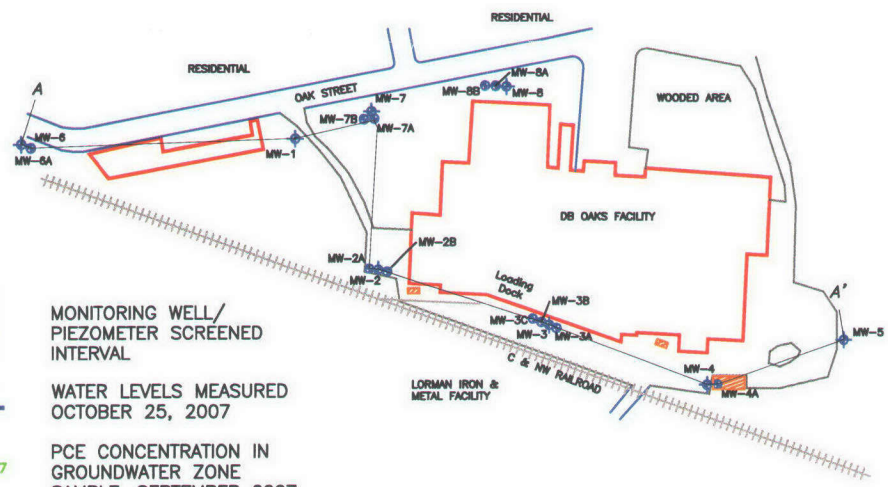
FORMER THOMAS INDUSTRIES
FORT ATKINSON, WISCONSIN

NOVEMBER 16, 2007

C:\PROJECTS\THOMAS\FORTATKINSON\CADFILES\NOV2007REPORT\FIG7A



CROSS SECTION LOCATION



LEGEND:

- CLAY (CL)
- CLAY/SILT (CL–ML)
- SILT (ML)
- CLAYEY SAND (SC)
- SILTY SAND (SM)
- SAND (SP)
- GRAVEL (GP OR GW)

- MONITORING WELL/ PIEZOMETER SCREENED INTERVAL
- WATER LEVELS MEASURED OCTOBER 25, 2007
- 7.57 — PCE CONCENTRATION IN GROUNDWATER ZONE SAMPLE, SEPTEMBER 2007
- 8.64 — PCE CONCENTRATION MEASURED OCTOBER 2007
- 1,000 — PCE CONCENTRATION

SCALE:

HORIZ. 1" = 200'
VERT. 1" = 15'

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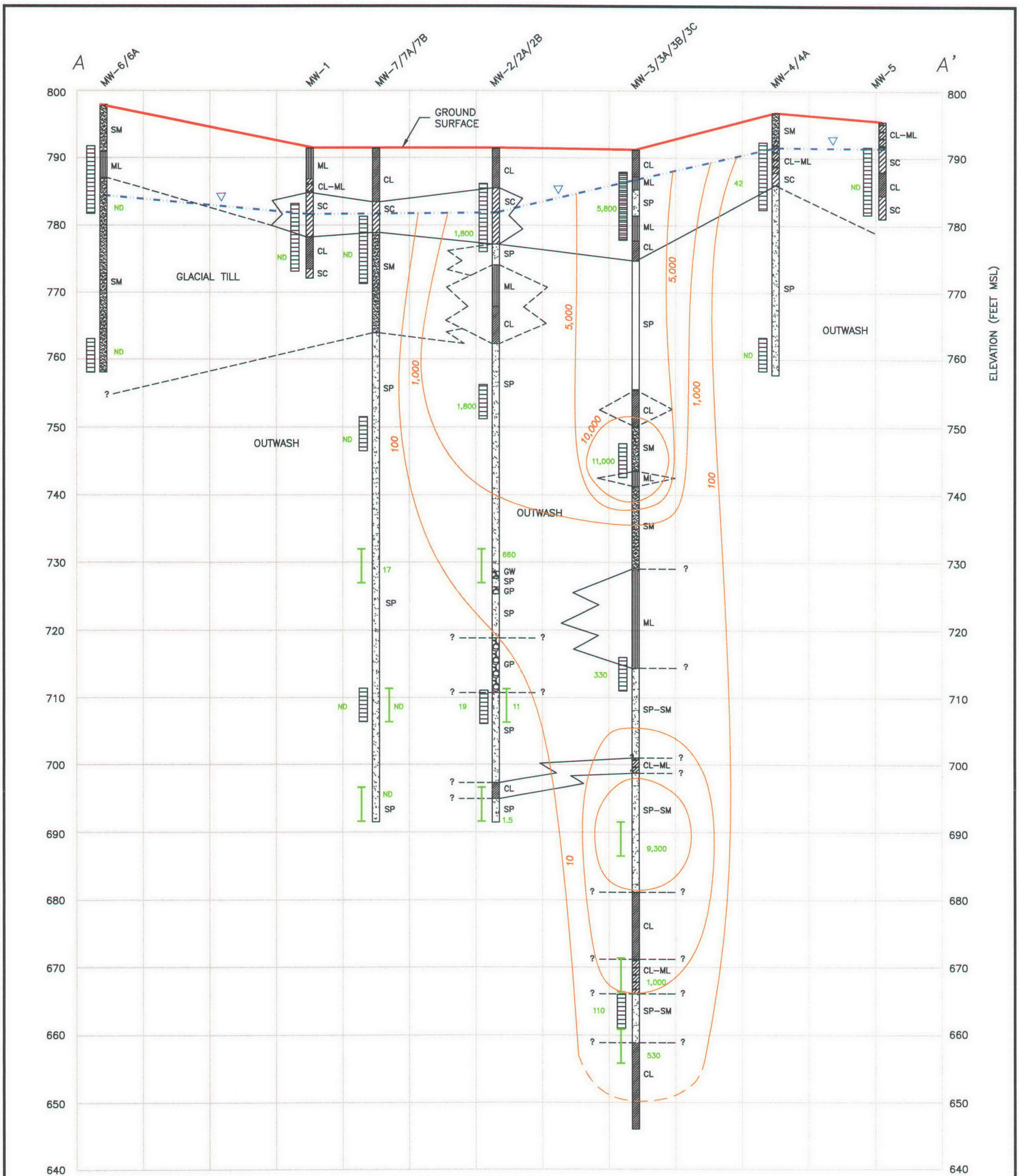
FIGURE 7B
VERTICAL EXTENT OF PCE

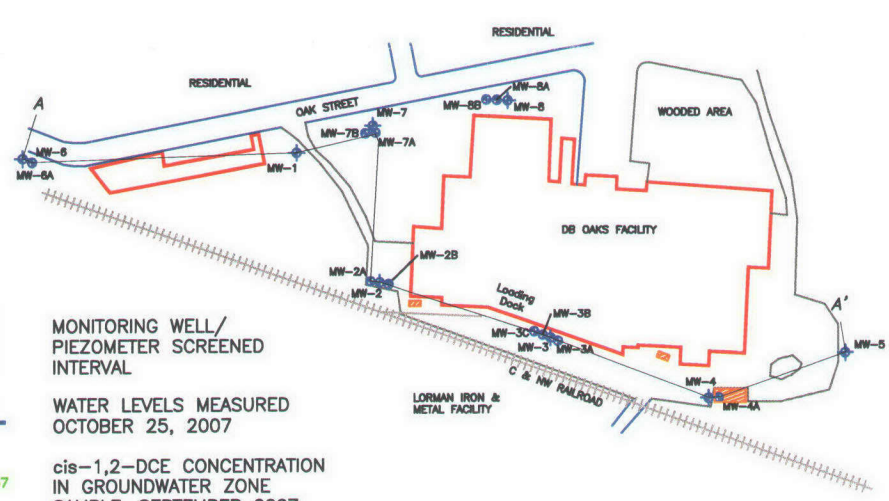
FORMER THOMAS INDUSTRIES
FORT ATKINSON, WISCONSIN

NOVEMBER 16, 2007

C:\PROJECTS\THOMAS\FORTATKINSON\CADFILES\NOV2007REPORT\FIG7B



CROSS SECTION LOCATION



LEGEND:

- CLAY (CL)
- CLAY/SILT (CL–ML)
- SILT (ML)
- CLAYEY SAND (SC)
- SILTY SAND (SM)
- SAND (SP)
- GRAVEL (GP OR GW)

- MONITORING WELL/ PIEZOMETER SCREENED INTERVAL
- WATER LEVELS MEASURED OCTOBER 25, 2007
- 7.57 — cis–1,2–DCE CONCENTRATION IN GROUNDWATER ZONE SAMPLE, SEPTEMBER 2007
- 8.64 — cis–1,2–DCE CONCENTRATION MEASURED OCTOBER 2007
- 1,000 — cis–1,2–DCE CONCENTRATION

SCALE:

HORIZ. 1" = 200'
VERT. 1" = 15'

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FIGURE 7C
VERTICAL EXTENT OF
cis-1,2-Dichloroethylene
FORMER THOMAS INDUSTRIES
FORT ATKINSON, WISCONSIN

NOVEMBER 16, 2007

C:\PROJECTS\THOMAS\FORTATKINSON\CADFILES\NOV2007REPORT\FIG7C

Appendices

Appendix A

Soil Boring Logs,
Well Construction Forms, and
Well Development Forms

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 7-91

Route To:
- ☐ Solid Waste
- ☐ Wastewater
- ☐ Emergency Response
- ☐ Haz. Waste
- ☐ Underground Tanks
- ☐ Water Resources
- ☐ Other _____

Facility / Project Name	License/Permit/Monitoring Number	Boring Number
DB Oak Facility, Fort Atkinson, Wisconsin	— — — — — — — —	MW-2B

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Mike Hanson Boart Longyear, Schofield, WI	9 / 20 / 07 (MM / DD / YY)	9 / 20 / 07 (MM / DD / YY)	6" Rotosonic

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
— — —	— — — — — —	MW-2B	_____ Feet MSL	791.5 Feet MSL	6.0 inches

Boring Location	Lat / Long	Local Grid Location (If Applicable)
State Plane _____ N. _____ E NE 1/4 of SE 1/4 of Section 34 T 6 N, R 14 E / W	Lat — — — Long — — —	_____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W

County	DNR County Code	Civil Town / City / or Village
Jefferson	2 8	City of Fort Atkinson

Sample Number	Sample Length Recovered (In)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plastic Limit	Soil Properties: P 200	ROD/Comments
1			1	Surface = asphalt parking lot -gravel fill										
			2	CLAY, silty, moist, firm, medium plasticity, brown with gray mottling.	CL									
			3											
			4											
			5											
2			6	GRAVEL, medium, wet, dark gray.	GP									
			7											
			8	CLAY, silty, moist, firm, low plasticity, brown with gray mottling.	CL - ML									
			9											
			10											
			11	SAND, some clay, fine grained, moist, low plasticity fines, brown.	SC									
			12	SAND, some fine gravel, fine to medium grained, dense, very moist, reddish brown.	SP									
			13											
			14											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
[signature]	NewFields, Madison, WI

This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than $10 nor more than $4,000 for each violation. Fines not less than $10 or more than $100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT

Form 4400-122A 7-91

Boring Number MW-2B

Sample Number	Sample Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plastic Limit	Soil Properties: P 200	ROD/Comments
			15	SAND, fine to medium grained, wet, brown.	SP									
			16	-some coarse gravel, wet, gray										
3			17											
			18											
			19											
			20	SAND and SILT, fine-grained, wet, hard, non-plastic, gray.	SM									
			21											
			22	-interbedded silt seams 21 to 22 ft.	CL									
			23											
			24											
			25	CLAY, silty, trace very fine sand, moist, hard, low plasticity, gray.										
			26											
4			27											
			28											
			29											
			30	SAND and SILT (as above).	SM									
			31	CLAY, silty (as above)	CL									
				CLAY, very silty, some fine sand, moist, hard, low plasticity, gray.	CL-ML									
			32											
			33	SAND, trace fine gravel, coarse grained, wet, dense, gray.	SP									
			34											
			35											
5			36											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT

Form 4400-122A 7-91

Boring Number MW-2B

Sample Number	Sample Length Recovered (In)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plastic Limit	Soil Properties: P 200	ROD/Comments
5			37	SAND, trace fine gravel, coarse grained, wet, dense, gray.	SP									
			38											
			39											
			40											
			41	SAND, trace fine gravel, coarse grained, wet, dense, brown.										
			42											
			43	-medium grained, light brown										
			44	-medium to coarse grained, trace gravel, light grayish brown.										
			45	-coarse grained, some gravel, wet, gray	SP									
6			46											
			47											
			48											
			49											
			50											
			51											
			52											
			53											
			54											
			55		SP									
7			56											
			57											
			58											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT

Form 4400-122A 7-91

Boring Number MW-2B

Sample Number	Sample Length Recovered (N)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plastic Limit	Soil Properties: P 200	ROD/Comments
7			58	SAND, medium grained, trace gravel, wet, light grayish brown.	SP									
			59											
			60											
			61											
			62	-fine to medium grained										
			63	-SAND and GRAVEL seam @63 to 64 ft.										
			64	-trace gravel, medium grained, brown with gray mottling										
			65	GRAVEL, with coarse sand, wet, light grayish brown.	GP									
			66											
8			67	SAND, some gravel, medium to coarse grained, wet, light grayish brown.	SP									
			68											
			69											
			70											
			71											
			72											
			73	GRAVEL, with coarse sand, wet, light grayish brown.	GP									
			74											
			75											
			76											
9			77											
			78											
			80											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT

Form 4400-122A 7-91

Boring Number MW-2B

Sample Number	Sample Length Recovered (N)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plastic Limit	Soil Properties: P 200	ROD/Comments
9			80	SAND, trace gravel, medium grained, dense, wet, light brown.	SP									
			82											
				-fine to medium grained, light brown										
			84	-fine grained, light brown										
			86											
10			88											
			90	-trace gravel, fine grained, light grayish brown.										
			92											
			94											
			96	CLAY, silty, firm, low plasticity, moist, gray.	CL									
11			98	SAND, trace gravel, fine grained, dense, wet, light grayish brown.	SP									
			100											
			102	EOB at 100 feet bgs Installed MW-2B screen 80-85 feet bgs.										
			104											
			106											
			108											
			110											
			112											
			114											
			116											
			118											
			120											
			122											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 7-91

Route To:
- ☐ Solid Waste
- ☐ Wastewater
- ☐ Emergency Response
- ☐ Haz. Waste
- ☐ Underground Tanks
- ☐ Water Resources
- ☐ Other _____

Facility / Project Name	License/Permit/Monitoring Number	Boring Number
DB Oak Facility, Fort Atkinson, Wisconsin	— — — — — — — —	MW-3C

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Mike Hanson Boart Longyear, Schofield, WI	9 / 21 / 07 (MM / DD / YY)	9 / 22 / 07 (MM / DD / YY)	6" Rotosonic

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
— — —	— — — — — —	MW-3C	_____ Feet MSL	791.0 Feet MSL	6.0 inches

Boring Location State Plane	Lat / Long	Local Grid Location (If Applicable)
_____ N. _____ E	Lat — — —	☐ N ☐ E
NE 1/4 of SE 1/4 of Section 34 T 6 N, R 14 E / W	Long — — —	_____ Feet ☐ S _____ Feet ☐ W

County	DNR County Code	Civil Town / City / or Village
Jefferson	2 8	City of Fort Atkinson

Sample Number	Sample Length Recovered (In)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plastic Limit	Soil Properties: P 200	ROD/Comments
			1	Surface = gravel parking lot										Soil description for 0-14 feet from boring log for MW-3 installed on 12-9-04.
1	24		2 3	CLAY, silty, gravelly, fine subrounded gravel, moist, firm, medium plasticity, greenish-gray.	CL			0						
			4	SILT, trace fine sand, wet, firm, non-plastic, greenish gray.	SM									
2	19		5	SILT, clayey, trace fine sand/fine subrounded gravel, wet, firm, low plasticity, gray.	ML			17.6						
			6 7	SAND, gravelly, fine to medium grained, wet, dense, poorly graded, gray.	SP									
3	8		8 9					32.6						
4	14		10 11 12	SILT, trace very fine sand, wet, firm, non-plastic, gray.	ML			20.4						
5	12		13					57						Soil description for 13-50 feet from boring log for MW-3A installed on 4-27-05.
1	20	2,8 8,18	14	CLAY, silty, trace fine gravel, moist, stiff, low plasticity, grayish brown.	CL				16					

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____ Firm NewFields, Madison, WI

This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than $10 nor more than $4,000 for each violation. Fines not less than $10 or more than $100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT

Form 4400-122A 7-91

Boring Number MW-3C

Sample Number	Sample Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plastic Limit	Soil Properties: P 200	ROD/Comments
			15		CL									Soil description for 13-50 feet from boring log for MW-3A installed on 4-27-05.
			16											
			17											
			18											
2	18	14,15 13,18	19	SAND, medium grained, trace coarse angular gravel, trace coarse subrounded sand, wet, medium dense, poorly graded, light gray.	SP				28					
			20											
			21											
			22											
			23											
3	12	13,17 17,17	24	SAND, medium grained, subrounded, trace coarse subangular sand, wet, dense, poorly graded, light grayish brown.					34					
			25											
			26											
			27											
			28											
4	8	6,12 13,17	29	SAND, as above, medium dense.	SP				25					
			30											
			31											
			32											
			33											
5	10	13,20 23,32	34	SAND, medium grained, little gravel, trace coarse sand, wet, dense, poorly graded, light grayish brown.					43					
			35											
			36		CL									

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT

Form 4400-122A 7-91

Boring Number MW-3C

Sample Number	Sample Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plastic Limit	Soil Properties: P 200	ROD/Comments
			37											
			38											
			39	CLAY, silty, moist, very stiff, low plasticity, light grayish brown.										
6	10	6,9 12,24	40		CL				21					
			41											
			42											
			43											
			44	SAND, fine grained, little silt, wet, poorly graded, light grayish brown.										
7	12	21,26 31,31	45		SM				57					
			46											
			47											
			48											
			49	SILT, trace fine sand, stiff, non-plastic, wet, light grayish brown.										
8	12	14,12 12,29	50		ML				24					
			51											
			52											
			53											
			54	SAND, silty, very dense, fine to medium grained, little gravel, wet, poorly graded, light grayish brown.										
4	16	19,22 25,23	55		SM				47					
			56											
			57											
			58											

Soil description for 13-50 feet from boring log for MW-3A installed on 4-27-05.

Soil description for 50-80 feet from boring log for MW-3B installed on 3-8-06.

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Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT

Form 4400-122A 7-91

Boring Number MW-3C

Sample Number	Sample Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plastic Limit	Soil Properties: P 200	ROD/Comments
5	12	25,24 33,36	58–59	SAND, silty, very dense, fine to medium grained, little gravel, wet, poorly graded, light grayish brown.	SM				57					
6	4	37, 50/6"	63–64	SILT, hard, trace fine sand, non-plastic, wet, light grayish brown.	ML				50+					
7	4	26,27 50/6"	69	SILT, as above	ML				50+					
8	16	18,27 21,13	74	SILT, as above	ML				48					
9	16	18,12 10,14	78–80	SAND, medium dense, fine grained, trace silt, wet, poorly graded, light grayish brown.	SP-SM				22					Soil description for 50-80 feet from boring log for MW-3B installed on 3-8-06.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT

Form 4400-122A 7-91

Boring Number MW-3C

Sample Number	Sample Length Recovered (N)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plastic Limit	Soil Properties: P 200	ROD/Comments
1			80	SAND, medium dense, fine grained, trace silt, wet, poorly graded, light grayish brown.	SP-SM									Soil description for 85-145 feet from boring log for MW-3C installed on 9-21-07 using rotosonic continuous sampling method.
			82											
			84											
			86											
			88											
			90	SAND, some silt, fine grained, wet, gray.	SM									
			92	CLAY, silty, firm, plastic, wet, gray.	CL ML									
2			94	SAND, trace silt, fine grained, wet, gray.	SP SM									
			96											
			98											
			100											
			102											
			104											
3			106											
			108	SAND, some silt, fine grained, wet, gray.	SM									
			110	CLAY, silty, very moist, gray	CL-ML									
			112	CLAY, some silt, firm, low plasticity, moist, gray.	CL									
			114	-silt seam, 113.5 to 113.8 feet										
4			116	-silt seam, 117.5 to 117.8 feet										
			118	SILT and SAND, some clay, fine grained, very moist, gray.	ML									
			120	CLAY, silty, firm, plastic, very moist, gray.	CL-ML									
			122	SAND, with clay & silt, fine grained, wet, gray.	SM									

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SOIL BORING LOG INFORMATION SUPPLEMENT

Form 4400-122A 7-91

Boring Number MW-3C

Sample Number	Sample Length Recovered (N)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plastic Limit	Soil Properties: P 200	ROD/Comments
4			123	CLAY, silty, firm, low plasticity, very moist, gray.	CL									
			124											
			126	SAND, some silt, fine grained, wet, gray.	SM									
5			128											
				SAND, trace silt, fine grained, wet, gray.	SP SM									
			130											
			132	CLAY, silty, firm, plastic, moist, gray.	CL									
			134											
6			136											
			138											
			140											
			142											
			144											
			146	EOB @ 145 feet bgs. Installed MW-3C screen 125 to 130 feet bgs.										
			148											
			150											
			152											
			154											
			156											
			158											
			160											
			162											
			164											

Soil description for 85-145 feet from boring log for MW-3C installed on 9-21-07 using rotosonic continuous sampling method.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 7-91

Route To:
- ☐ Solid Waste
- ☐ Wastewater
- ☐ Emergency Response
- ☐ Haz. Waste
- ☐ Underground Tanks
- ☐ Water Resources
- ☐ Other _____

Facility / Project Name	License/Permit/Monitoring Number	Boring Number
DB Oak Facility, Fort Atkinson, Wisconsin	— — — — — — — —	MW-7B

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Mike Hanson Boart Longyear, Schofield, WI	9 / 17 / 07 (MM / DD / YY)	9 / 18 / 07 (MM / DD / YY)	6" Rotosonic

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
— — —	_ _ _ _ _ _	MW-7B	_____ Feet MSL	791.8 Feet MSL	6.0 inches

Boring Location
State Plane _____ N. _____ E
NE 1/4 of SE 1/4 of Section 34 T 6 N, R 14 E / W

Lat — — —
Long — — —

Local Grid Location (If Applicable)
_____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W

County	DNR County Code	Civil Town / City / or Village
Jefferson	2 8	City of Fort Atkinson

Sample Number	Sample Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	ROD/Comments
1			1–5	Grass lawn, topsoil CLAY, silty, trace gravel, moist, firm, medium plasticity, brown with gray mottling.	CL									
2			5–10	-very moist										
			10–14	SAND, clayey, some gravel, fine grained, sand, wet, low plasticity fines, gray. -as above, light brown	SC									

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____ Firm NewFields, Madison, WI

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Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT

Form 4400-122A 7-91

Boring Number MW-7B

Sample Number	Sample Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plastic Limit	Soil Properties: P 200	ROD/Comments
3			15 16 17 18 19 20 21 22 23 24 25	SAND, fine grained , clayey, some gravel, sand, wet, low plasticity fines, light brown. -decreasing clay content with depth	SC									
4			26 27 28 29 30 31 32 33 34 35	SAND, some fine gravel, medium to coarse grained, dense, wet, light brown.	SP									
5			36											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT

Form 4400-122A 7-91

Boring Number MW-7B

Sample Number	Sample Length Recovered (In)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plastic Limit	Soil Properties: P 200	ROD/Comments
5			37	SAND, medium grained, trace fine gravel, dense, wet, light brown.	SP									
			38											
			39											
			40											
			41											
			42											
			43											
			44											
			45		SP									
				-as above										
			46											
6			47	- mottled gray and light brown										
			48											
			49											
			50											
			51											
			52											
			53											
			54											
			55		SP									
7			56	SAND, medium grained, trace fine gravel, wet, light grayish brown.										
			57											
			58											

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Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT

Form 4400-122A 7-91

Boring Number MW-7B

Sample Number	Sample Length Recovered (N)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plastic Limit	Soil Properties: P 200	ROD/Comments
7			58	SAND, medium grained, trace gravel, wet, grayish brown.	SP									
			59											
			60											
			61											
			62											
			63											
			64											
			65											
			66	SAND, coarse grained, some gravel, dense, wet, light grayish brown.										
8			67		SP									
			68											
			69											
			70											
			71											
			72											
			73	-as above, trace gravel	SP									
			74											
			75											
			76	-as above, some gravel										
9			77											
			78											
			80											

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Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT

Form 4400-122A 7-91

Boring Number MW-7B

Sample Number	Sample Length Recovered (N)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plastic Limit	Soil Properties: P 200	ROD/Comments
9			80	SAND, medium grained trace gravel, dense, wet, light grayish brown.	SP									
			82											
			84											
			86											
10			88	-medium to coarse grained										
			90	-coarse grained										
			92											
			94											
11			96	SAND, medium grained trace gravel, dense, wet, light grayish brown.	SP									
			98											
			100	EOB at 100 feet bgs. Installed MW-7B screen 80-85 feet bgs.										
			102											
			104											
			106											
			108											
			110											
			112											
			114											
			116											
			118											
			120											
			122											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 7-91

Route To:
- ☐ Solid Waste
- ☐ Wastewater
- ☐ Emergency Response
- ☐ Haz. Waste
- ☐ Underground Tanks
- ☐ Water Resources
- ☐ Other _____

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Facility / Project Name	License/Permit/Monitoring Number	Boring Number
DB Oak Facility, Fort Atkinson, Wisconsin	— — — — — — — —	MW-8

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Mike Hanson Boart Longyear	9 / 19 / 07 (MM / DD / YY)	9 / 19 / 07 (MM / DD / YY)	6" Rotosonic

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
— — —	— — — — — —	MW-8	_____ Feet MSL	792.8 Feet MSL	6.0 inches

Boring Location
State Plane _____ N. _____ E S/C/N
SE 1/4 of SE 1/4 of Section 34 T 6 N, R 14 E
Lat — — —
Long — — —

Local Grid Location (If Applicable)
_____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W

County	DNR County Code	Civil Town / City / or Village
Jefferson	2 8	City of Fort Atkinson

Sample Number	Sample Length Recovered (N)	Sample Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plastic Limit	Soil Properties: P 200	ROD/Comments
			1–15	No soil samples collected. For soils descriptions, see boring log for MW-8B. Set well MW-8 at 20 feet bgs.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____ Firm NewFields, Madison, WI

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 7-91

Route To:
- ☐ Solid Waste
- ☐ Wastewater
- ☐ Emergency Response
- ☐ Haz. Waste
- ☐ Underground Tanks
- ☐ Water Resources
- ☐ Other

Page 1 of 1

Facility / Project Name	License/Permit/Monitoring Number	Boring Number
DB Oak Facility, Fort Atkinson, Wisconsin	— — — — — — — —	MW-8A

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Mike Hanson Boart Longyear	9 / 19 / 07 (MM / DD / YY)	9 / 19 / 07 (MM / DD / YY)	6" Rotosonic

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
— — —	— — — — — —	MW-8A	____ Feet MSL	792.8 Feet MSL	6.0 inches

Boring Location
State Plane ____ N. ____ E S/C/N
SE 1/4 of SE 1/4 of Section 34 T 6 N, R 14 E

Lat — — —
Long — — —

Local Grid Location (If Applicable)
____ Feet ☐ N ☐ S ____ Feet ☐ E ☐ W

County	DNR County Code	Civil Town / City / or Village
Jefferson	2 8	City of Fort Atkinson

Sample Number	Sample Length Recovered (N)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	ROD/Comments
			1–15	No soil samples collected. For soils descriptions, see boring log for MW-8B. Set well MW-8A 50 feet bgs.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature [signature] Firm NewFields, Madison, WI

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State of Wisconsin
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SOIL BORING LOG INFORMATION

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Route To:
- ☐ Solid Waste
- ☐ Wastewater
- ☐ Emergency Response
- ☐ Haz. Waste
- ☐ Underground Tanks
- ☐ Water Resources
- ☐ Other _____

Facility / Project Name: DB Oak Facility, Fort Atkinson, Wisconsin	License/Permit/Monitoring Number: — — — — — — — —	Boring Number: MW-8B
Boring Drilled By (Firm name and name of crew chief): Mike Hanson, Boart Longyear, Schofield, WI	Date Drilling Started: 9 / 18 / 07 (MM / DD / YY)	Date Drilling Completed: 9 / 19 / 07 (MM / DD / YY)
Drilling Method: 6" Rotosonic		
DNR Facility Well No.: — — —	WI Unique Well No.: — — — — — —	Common Well Name: MW-8B
Final Static Water Level: _____ Feet MSL	Surface Elevation: 792.7 Feet MSL	Borehole Diameter: 6.0 inches
Boring Location: State Plane _____ N. _____ E; NE 1/4 of SE 1/4 of Section 34 T 6 N, R 14 E / W	Lat — — — Long — — —	Local Grid Location (If Applicable): _____ Feet ☐ N ☐ S; _____ Feet ☐ E ☐ W
County: Jefferson	DNR County Code: 2 8	Civil Town / City / or Village: City of Fort Atkinson

Sample Number	Sample Length Recovered (In)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	ROD/Comments
1			0–5	Grass lawn, topsoil CLAY, silty, trace gravel, moist, firm, medium plasticity, brown with gray mottling.	CL									
2			5–12	-as above, moist, gray.										
			12–14	-very sandy below 12 feet.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: NewFields, Madison, WI

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT

Form 4400-122A 7-91

Boring Number MW-8B

Sample Number	Sample Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plastic Limit	Soil Properties: P 200	ROD/Comments
			15	CLAY, sandy, trace fine gravel, firm, moist, gray.	CL									
3			16 17 18 19 20 21	SAND, fine grained, some clay, trace gravel, wet, low plasticity, light grayish brown.	SC									
			22 23	CLAY, silty, trace fine gravel, firm, moist, gray with some brown mottling.	CL									
			24	SILT, some clay, firm, wet, light brown.	ML CL									
4			25 26 27 28 29 30 31 32 33 34	SAND, medium to coarse grained, trace fine gravel dense, wet, light brown. -coarse grained, with some gravel.	SP									
5			35 36	-as above	SP									

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT

Form 4400-122A 7-91

Boring Number MW-8B

Sample Number	Sample Length Recovered (In)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plastic Limit	Soil Properties: P 200	ROD/Comments
5			37	SAND, as above	SP									
			38	CLAY, silty, trace gravel, firm, moist, gray.	CL									
			39											
			40											
			41											
			42											
			43											
			44											
			45	SAND, medium grained, trace gravel, wet, dense, light brown.	SP									
6			46											
			47											
			48											
			49											
			50											
			51											
			52											
			53											
			54											
			55	SAND and GRAVEL, medium grained sand, wet, light brown.	GP									
7			56											
			57	SAND, medium to coarse grained, trace fine gravel, wet, dense, grayish brown.	SP									
			58											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT

Form 4400-122A 7-91

Boring Number MW-8B

Sample Number	Sample Length Recovered (N)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plastic Limit	Soil Properties: P 200	ROD/Comments
7			58	SAND, medium to coarse grained, trace fine gravel, wet, dense, grayish brown.	SP									
			59											
			60											
			61											
			62											
			63											
			64											
			65	SILT, firm, wet, light grayish brown.	ML									
			66	SAND and GRAVEL, coarse grained, wet, brown.	GP									
8			67											
			68											
			69	SAND, fine grained, some silt, medium dense, wet, light brown.	SM									
			70											
			71	SILT, some fine sand, firm, wet, light brown.	ML									
			72											
			73	SAND, fine grained, some silt, medium dense, wet, light brown.	SM									
			74											
			75											
			76											
9			77											
			78											
			80											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT

Form 4400-122A 7-91

Boring Number MW-8B

Sample Number	Sample Length Recovered (N)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plastic Limit	Soil Properties: P 200	ROD/Comments
9			80	SAND, some silt, fine grained, medium dense, wet, light brown.	SM									
				SILT, some fine sand, firm, wet, light grayish brown.	ML									
			82	SAND, some silt, fine grained, medium dense, wet, gray.	SM									
			84	SILT, firm, wet, gray	ML									
			86	CLAY, some silt, trace gravel, firm, moist, gray.	CL									
10			88											
			90	-no gravel below 90 feet.										
			92											
			94											
11			96											
			98	CLAY, some silt, firm, very moist, gray	CL ML									
			100	CLAY, silty, firm, very moist, gray	CL									
				SILT, some clay, moist, gray	ML-CL									
			102	CLAY, silty, moist, gray	CL									
				SILT, some clay, moist, gray	ML CL									
			104	CLAY, some silt, firm, moist, gray	CL-ML									
12			106	CLAY, silty, firm to stiff, moist, gray	CL									
			108											
			110	-silt interbedded seams present below 111 feet										
			112											
			114											
			116	EOB at 115 feet bgs. Installed MW-8B screen 80-85 feet bgs.										
			118											
			120											
			122											

State of Wisconsin
Department of Natural Resources

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 4-90

Facility/Project Name **DB Oak Facility** **Fort Atkinson, Wisconsin**	Local Grid Location of Well _____ ft. ☐ N. _____ ft. ☐ E. ☐ S. ☐ W.	Well Name **MW-2B**
Facility License, Permit or Monitoring Number _ _ _ _ _ _ _ _	Grid Origin Location Lat. _ _ _ _ _ Long. _ _ _ _ _ St. Plane _____ ft. N, _____ ft. E.	Wis. Unique Well Number / DNR Well Number
Type of Well Water Table Observation Well ☐ 11 Piezometer ■ 12		Date Well Installed 0 9 / 2 0 / 0 7 m m d d y y
Distance Well Is From Waste/Source Boundary	Section Location of Waste/Source ■ E NE 1/4 of SE 1/4 of Sec. 34 , T. 6 N, R. 14 ☐ W	Well Installed By: (Person's Name and Firm) Mike Hanson Boart Longyear
Is Well A Point of Enforcement Std. Application? ☐ Yes ☐ No	Location of Well Relative to Waste/Source u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	

A. Protective pipe, top elevation 7 9 1 . 5 ft. MSL
B. Well casing, top elevation 7 9 1 . 2 0 ft. MSL
C. Land surface elevation 7 9 1 . 5 ft. MSL
D. Surface seal, bottom 7 8 9 . 5 ft MSL or 2 . 0 ft

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ■
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐ ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ■ No

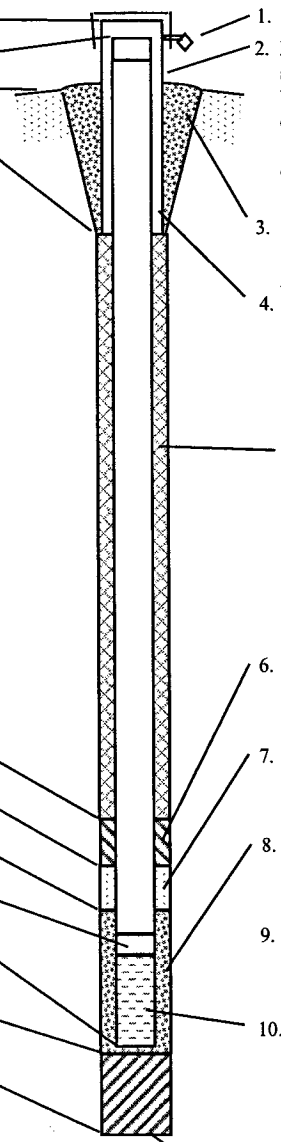
14. Drilling method used: Rotary ☐ 5 0
Hollow Stem Auger ☐ 4 1
Rotosonic Other ■

15. Drilling fluid used: Water ■ 0 2 Air ☐ 0 1
Drilling Mud ☐ 0 3 None ☐ 9 9

16. Drilling additives used? ■ Yes ☐ No
Describe: potable water

17. Source of water (attached analysis):
Boart Longyear

E. Bentonite seal, top 7 2 5 . 5 ft MSL or 6 6 . 0 ft
F. Fine sand, top 7 2 0 . 5 ft MSL or 7 1 . 0 ft
G. Filter pack, top 7 1 9 . 5 ft MSL or 7 2 . 0 ft
H. Screen joint, top 7 1 1 . 5 ft MSL or 8 0 . 0 ft
I. Well bottom 7 0 6 . 5 ft MSL or 8 5 . 0 ft
J. Filter pack, bottom 7 0 6 . 5 ft MSL or 8 5 . 0 ft
K. Borehole, bottom 6 9 1 . 5 ft MSL or 1 0 0 . 0 ft
L. Borehole, diameter 6 . 0 in.
M. O.D. well casing 2 . 3 7 in.
N. I.D. well casing 2 . 0 5 in.



1. Cap and lock? ■ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 4 . 0 in.
b. Length: 7 . 0 ft.
c. Material: Steel ■
Stick up Other ☐
d. Additional protection? ☐ Yes ■ No
If yes, describe:
3. Surface seal: Bentonite ☐ 3 0
Concrete ☐ 0 1
Native soil Other ■
4. Material between well casing and protective pipe:
Bentonite ☐ 3 0
Annular Space Seal ☐
Red Flint #30 Other ■
5. Annular space seal: a. Granular Bentonite ☐ 3 3
b. _____ Lbs/gal mud weight ..... Bentonite-sand slurry ☐ 3 5
c. _____ Lbs/gal mud weight..... Bentonite slurry ■ 3 1
d. _____ % Bentonite ..... Bentonite-cement grout ☐ 5 0
e. _____ Ft³ volume added for any of the above
f. How installed: Tremie ☐ 0 1
75 gallons bentonite slurry Tremie pumped ■ 0 2
Grout up to 2 feet bgs. Gravity ☐ 0 8
6. Bentonite seal: a. Bentonite granules ☐ 3 3
b. ☐ 1/4 in. ■ 3/8 in. ☐ 1/2 in. Bentonite chips ■ 3 2
c. 100 lbs Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
a. Badger Mining #40/40 fine
b. Volume added 50 lb
8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint #30
b. Volume added 150 lb
9. Well casing: Flush threaded PVC schedule 40 ■ 2 3
Flush threaded PVC schedule 80 ☐ 2 4
Other ☐
10. Screen material: Sch. 40 PVC
a. Screen type: Factory cut ■ 1 1
Continuous slot ☐ 0 1
Other ☐
b. Manufacturer Boart Longyear
c. Slot size 0 . 0 1 0 in.
d. Slotted length: 5 . 0 ft.
11. Backfill material (below filler pack): None ☐ 1 4
natural collapse Other ■

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____ Firm NewFields, Madison, Wisconsin

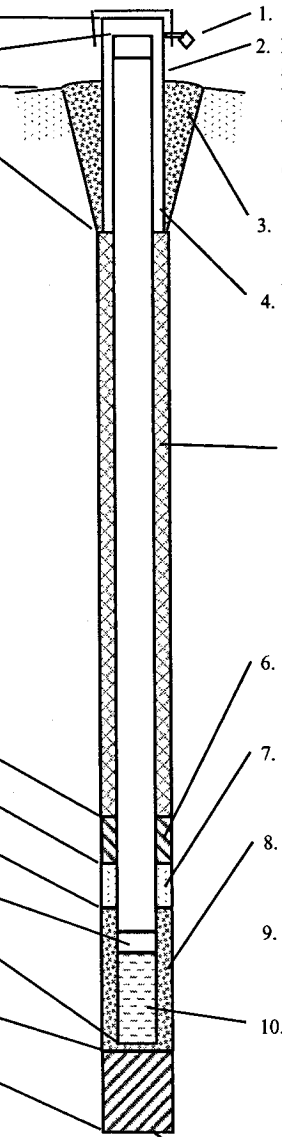
Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than $10, nor more than $5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than $10,000 for each day of violation. NOTE: shaded areas are for DNR use only. See instruction for more information including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 4-90

Facility/Project Name **DB Oak Facility** **Fort Atkinson, Wisconsin**	Local Grid Location of Well _____ ft. ☐ N. _____ ft. ☐ E. ☐ S. ☐ W.	Well Name **MW-3C**
Facility License, Permit or Monitoring Number _____	Grid Origin Location Lat. ____ ____ ____ Long. ____ ____ ____ St. Plane _____ ft. N, _____ ft. E.	Wis. Unique Well Number / DNR Well Number _____ _____
Type of Well Water Table Observation Well ☐ 11 Piezometer ■ 12		Date Well Installed 0 9 / 2 2 / 0 7 m m d d y y
Distance Well Is From Waste/Source Boundary	Section Location of Waste/Source ■ E NE 1/4 of SE 1/4 of Sec. 34, T. 6 N, R. 14 ☐ W	Well Installed By: (Person's Name and Firm) Mike Hanson Boart Longyear
Is Well A Point of Enforcement Std. Application? ☐ Yes ☐ No	Location of Well Relative to Waste/Source u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	



A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation 7 9 3 . 4 9 ft. MSL
C. Land surface elevation 7 9 1 . 0 ft. MSL
D. Surface seal, bottom 7 8 9 . 0 ft MSL or 2 . 0 ft

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ■ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐ ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ■ No

14. Drilling method used: Rotary ☐ 5 0
Hollow Stem Auger ☐ 4 1
Rotosonic Other ■ ___

15. Drilling fluid used: Water ■ 0 2 Air ☐ 0 1
Drilling Mud ☐ 0 3 None ☐ 9 9

16. Drilling additives used? ■ Yes ☐ No
Describe: potable water

17. Source of water (attached analysis):
Boart Longyear

E. Bentonite seal, top 6 7 4 . 0 ft MSL or 1 1 7 . 0 ft
F. Fine sand, top 6 6 9 . 0 ft MSL or 1 2 2 . 0 ft
G. Filter pack, top 6 6 8 . 0 ft MSL or 1 2 3 . 0 ft
H. Screen joint, top 6 6 6 . 0 ft MSL or 1 2 5 . 0 ft
I. Well bottom 6 6 1 . 0 ft MSL or 1 3 0 . 0 ft
J. Filter pack, bottom 6 6 1 . 0 ft MSL or 1 3 0 . 0 ft
K. Borehole, bottom 6 4 6 . 0 ft MSL or 1 4 5 . 0 ft
L. Borehole, diameter 6 . 0 in.
M. O.D. well casing 2 . 3 7 in.
N. I.D. well casing 1 . 9 1 in.

1. Cap and lock? ■ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 4 . 0 in.
b. Length: 7 . 0 ft.
c. Material: Steel ■
Stick up Other ☐ ___
d. Additional protection? ☐ Yes ■ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 3 0
Concrete ☐ 0 1
Native soil Other ■ ___
4. Material between well casing and protective pipe:
Bentonite ☐ 3 0
Annular Space Seal ☐ ___
Red Flint #30 Other ■ ___
5. Annular space seal: a. Granular Bentonite ☐ 3 3
b. ____ Lbs/gal mud weight ..... Bentonite-sand slurry ☐ 3 5
c. ____ Lbs/gal mud weight..... Bentonite slurry ■ 3 1
d. ____ % Bentonite ..... Bentonite-cement grout ☐ 5 0
e. _____ Ft³ volume added for any of the above
f. How installed: Tremie ☐ 0 1
120 gallons bentonite slurry Tremie pumped ■ 0 2
Grout up to 2 feet bgs. Gravity ☐ 0 8
6. Bentonite seal: a. Bentonite granules ☐ 3 3
b. ☐ 1/4 in. ■ 3/8 in. ☐ 1/2 in. Bentonite chips ■ 3 2
c. 100 lbs Other ☐ ___
7. Fine sand material: Manufacturer, product name & mesh size
a. Badger Mining #40/40 fine ___
b. Volume added 50 lb
8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint #30 ___
b. Volume added 150 lb
9. Well casing: Flush threaded PVC schedule 40 ☐ 2 3
Flush threaded PVC schedule 80 ■ 2 4
Other ☐ ___
10. Screen material: Sch. 80 PVC ___
a. Screen type: Factory cut ■ 1 1
Continuous slot ☐ 0 1
Other ☐ ___
b. Manufacturer Boart Longyear
c. Slot size 0 . 0 1 0 in.
d. Slotted length: 5 . 0 ft.
11. Backfill material (below filler pack): None ☐ 1 4
natural collapse Other ■ ___

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____ Firm NewFields, Madison, Wisconsin

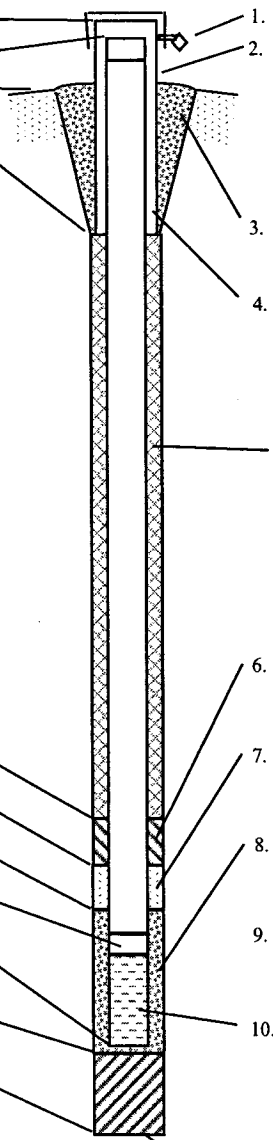
Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than $10, nor more than $5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than $10,000 for each day of violation. NOTE: shaded areas are for DNR use only. See instruction for more information including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 4-90

Facility/Project Name **DB Oak Facility** **Fort Atkinson, Wisconsin**	Local Grid Location of Well _____ ft. ☐ N. _____ ft. ☐ E. ☐ S. ☐ W.	Well Name **MW-7B**
Facility License, Permit or Monitoring Number __ __ __ __ __ __ __	Grid Origin Location Lat. ___ ___ ___ Long. ___ ___ ___ St. Plane _____ ft. N, _____ ft. E.	Wis. Unique Well Number / DNR Well Number
Type of Well Water Table Observation Well ☐ 11 Piezometer ■ 12		Date Well Installed 0 9 / 1 8 / 0 7 m m d d y y
Distance Well Is From Waste/Source Boundary	Section Location of Waste/Source ■ E NE 1/4 of SE 1/4 of Sec. 34, T. 6 N, R. 14 ☐ W	Well Installed By: (Person's Name and Firm) Mike Hanson Boart Longyear
Is Well A Point of Enforcement Std. Application? ☐ Yes ☐ No	Location of Well Relative to Waste/Source u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	



A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation 7 9 4 . 2 4 ft. MSL
C. Land surface elevation 7 9 1 . 8 ft. MSL
D. Surface seal, bottom 7 8 9 . 8 ft MSL or 2 . 0 ft

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ■
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐ ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ■ No

14. Drilling method used: Rotary ☐ 5 0
Hollow Stem Auger ☐ 4 1
Rotosonic Other ■ ____

15. Drilling fluid used: Water ■ 0 2 Air ☐ 0 1
Drilling Mud ☐ 0 3 None ☐ 9 9

16. Drilling additives used? ■ Yes ☐ No
Describe: potable water

17. Source of water (attached analysis):
Boart Longyear

E. Bentonite seal, top 7 1 9 . 8 ft MSL or 7 2 . 0 ft
F. Fine sand, top 7 1 4 . 8 ft MSL or 7 7 . 0 ft
G. Filter pack, top 7 1 3 . 8 ft MSL or 7 8 . 0 ft
H. Screen joint, top 7 1 1 . 8 ft MSL or 8 0 . 0 ft
I. Well bottom 7 0 6 . 8 ft MSL or 8 5 . 0 ft
J. Filter pack, bottom 7 0 6 . 8 ft MSL or 8 5 . 0 ft
K. Borehole, bottom 6 9 1 . 8 ft MSL or 1 0 0 . 0 ft
L. Borehole, diameter 6 . 0 in.
M. O.D. well casing 2 . 3 7 in.
N. I.D. well casing 2 . 0 5 in.

1. Cap and lock? ■ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 4 . 0 in.
b. Length: 7 . 0 ft.
c. Material: Stick up Steel ■ Other ☐ ____
d. Additional protection? ☐ Yes ■ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 3 0
Concrete ☐ 0 1
Native soil Other ■ ____
4. Material between well casing and protective pipe:
Bentonite ☐ 3 0
Annular Space Seal ☐ ____
Red Flint #30 Other ■ ____
5. Annular space seal: a. Granular Bentonite ☐ 3 3
b. _____ Lbs/gal mud weight ..... Bentonite-sand slurry ☐ 3 5
c. _____ Lbs/gal mud weight. ..... Bentonite slurry ■ 3 1
d. _____ % Bentonite ..... Bentonite-cement grout ☐ 5 0
e. _____ Ft³ volume added for any of the above
f. How installed: Tremie ☐ 0 1
75 gallons bentonite slurry Tremie pumped ■ 0 2
Grout up to 2 feet bgs. Gravity ☐ 0 8
6. Bentonite seal: a. Bentonite granules ☐ 3 3
b. ☐ 1/4 in. ■ 3/8 in. ☐ 1/2 in. Bentonite chips ■ 3 2
c. 100 lbs Other ☐ ____
7. Fine sand material: Manufacturer, product name & mesh size
a. Badger Mining #40/40 fine ____
b. Volume added 50 lb
8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint #30 ____
b. Volume added 150 lb
9. Well casing: Flush threaded PVC schedule 40 ■ 2 3
Flush threaded PVC schedule 80 ☐ 2 4
Other ☐ ____
10. Screen material: Sch. 40 PVC ____
a. Screen type: Factory cut ■ 1 1
Continuous slot ☐ 0 1
Other ☐ ____
b. Manufacturer Boart Longyear
c. Slot size 0 . 0 1 0 in.
d. Slotted length: 5 . 0 ft.
11. Backfill material (below filler pack): None ☐ 1 4
natural collapse Other ■ ____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____ Firm NewFields, Madison, Wisconsin

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than $10, nor more than $5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than $10,000 for each day of violation. NOTE: shaded areas are for DNR use only. See instruction for more information including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 4-90

Facility/Project Name **DB Oak Facility** **Fort Atkinson, Wisconsin**	Local Grid Location of Well _____ ft. ☐ N. _____ ft. ☐ E. ☐ S. ☐ W.	Well Name **MW-8**
Facility License, Permit or Monitoring Number _ _ _ _ _ _ _ _	Grid Origin Location Lat. _ _ _ _ _ _ Long. _ _ _ _ _ _ St. Plane _____ ft. N, _____ ft. E.	Wis. Unique Well Number / DNR Well Number _ _ _ _ _ _ _ _ / _ _ _ _
Type of Well Water Table Observation Well ■ 11 Piezometer ☐ 12		Date Well Installed 0 9 / 1 9 / 0 7 m m d d y y
Distance Well Is From Waste/Source Boundary	Section Location of Waste/Source ■ E NE 1/4 of SE 1/4 of Sec. 34, T. 6 N, R. 14 ☐ W	Well Installed By: (Person's Name and Firm) Mike Hanson Boart Longyear
Is Well A Point of Enforcement Std. Application? ☐ Yes ☐ No	Location of Well Relative to Waste/Source u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	

A. Protective pipe, top elevation _ _ _ _ . _ _ ft. MSL
B. Well casing, top elevation 7 9 5 . 0 3 ft. MSL
C. Land surface elevation 7 9 2 . 8 ft. MSL
D. Surface seal, bottom 7 9 1 . 8 ft MSL or 1 . 0 ft

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ■ ML ☐ MH ☐ CL ☐ CH ☐ ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ■ No

14. Drilling method used: Rotary ☐ 5 0
Hollow Stem Auger ☐ 4 1
Rotosonic Other ■ _ _

15. Drilling fluid used: Water ☐ 0 2 Air ☐ 0 1
Drilling Mud ☐ 0 3 None ■ 9 9

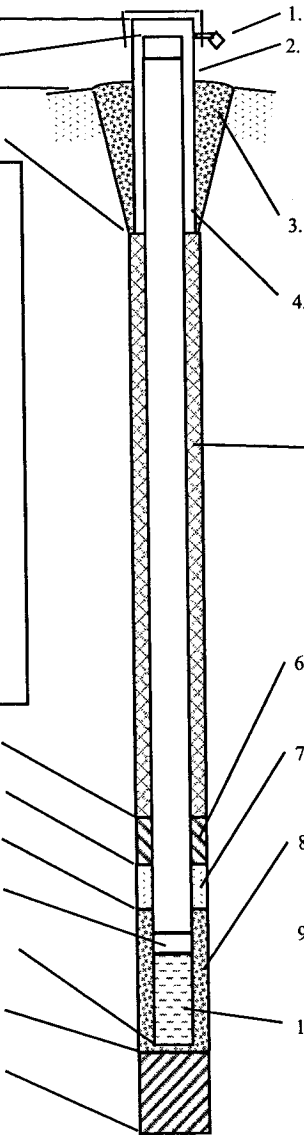
16. Drilling additives used? ☐ Yes ■ No

Describe: potable water

17. Source of water (attached analysis):

Boart Longyear

E. Bentonite seal, top 7 9 1 . 8 ft MSL or 1 . 0 ft
F. Fine sand, top 7 8 5 . 8 ft MSL or 7 . 0 ft
G. Filter pack, top 7 8 4 . 8 ft MSL or 8 . 0 ft
H. Screen joint, top 7 8 2 . 8 ft MSL or 1 0 . 0 ft
I. Well bottom 7 7 2 . 8 ft MSL or 2 0 . 0 ft
J. Filter pack, bottom 7 7 2 . 8 ft MSL or 2 0 . 0 ft
K. Borehole, bottom 7 7 2 . 8 ft MSL or 2 0 . 0 ft
L. Borehole, diameter 6 . 0 in.
M. O.D. well casing 2 . 3 7 in.
N. I.D. well casing 2 . 0 5 in.



1. Cap and lock? ■ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 4 . 0 in.
b. Length: 7 . 0 ft.
c. Material: Steel ■
Stick up Other ☐ _ _
d. Additional protection? ☐ Yes ■ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 3 0
Concrete ☐ 0 1
Native soil Other ■ _ _
4. Material between well casing and protective pipe:
Bentonite ☐ 3 0
Annular Space Seal ☐ _ _
Red Flint #30 Other ■ _ _
5. Annular space seal: a. Granular Bentonite ■ 3 3
b. _____ Lbs/gal mud weight ..... Bentonite-sand slurry ☐ 3 5
c. _____ Lbs/gal mud weight..... Bentonite slurry ☐ 3 1
d. _____ % Bentonite ..... Bentonite-cement grout ☐ 5 0
e. _____ Ft³ volume added for any of the above
f. How installed: Tremie ☐ 0 1
Tremie pumped ☐ 0 2
Gravity ☐ 0 8
6. Bentonite seal: a. Bentonite granules ☐ 3 3
b. ☐ 1/4 in. ■ 3/8 in. ☐ 1/2 in. Bentonite chips ■ 3 2
c. 100 lbs Other ☐ _ _
7. Fine sand material: Manufacturer, product name & mesh size
a. Badger Mining #40/40 fine _ _
b. Volume added 50 lb
8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint #30 _ _
b. Volume added 300 lb
9. Well casing: Flush threaded PVC schedule 40 ■ 2 3
Flush threaded PVC schedule 80 ☐ 2 4
Other ☐ _ _
10. Screen material: Sch. 40 PVC _ _
a. Screen type: Factory cut ■ 1 1
Continuous slot ☐ 0 1
Other ☐ _ _
b. Manufacturer Boart Longyear
c. Slot size 0 . 0 1 0 in.
d. Slotted length: 1 0 . 0 ft.
11. Backfill material (below filler pack): None ■ 1 4
Other ☐ _ _

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____ Firm NewFields, Madison, Wisconsin

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than $10, nor more than $5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than $10,000 for each day of violation. NOTE: shaded areas are for DNR use only. See instruction for more information including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 4-90

Facility/Project Name **DB Oak Facility** **Fort Atkinson, Wisconsin**	Local Grid Location of Well _____ ft. ☐ N. _____ ft. ☐ E. ☐ S. ☐ W.	Well Name **MW-8A**
Facility License, Permit or Monitoring Number _____	Grid Origin Location Lat. ____ ____ ____ Long. ____ ____ ____ St. Plane _____ ft. N, _____ ft. E.	Wis. Unique Well Number / DNR Well Number
Type of Well Water Table Observation Well ☐ 11 Piezometer ■ 12		Date Well Installed 0 9 / 1 9 / 0 7 m m d d y y
Distance Well Is From Waste/Source Boundary	Section Location of Waste/Source ■ E NE 1/4 of SE 1/4 of Sec. 34, T. 6 N, R. 14 ☐ W	Well Installed By: (Person's Name and Firm) Mike Hanson Boart Longyear
Is Well A Point of Enforcement Std. Application? ☐ Yes ☐ No	Location of Well Relative to Waste/Source u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation 7 9 5 . 1 7 ft. MSL
C. Land surface elevation 7 9 2 . 8 ft. MSL
D. Surface seal, bottom 7 9 0 . 8 ft MSL or 2 . 0 ft

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ■
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐ ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ■ No

14. Drilling method used: Rotary ☐ 5 0
Hollow Stem Auger ☐ 4 1
Rotosonic Other ■ ____

15. Drilling fluid used: Water ■ 0 2 Air ☐ 0 1
Drilling Mud ☐ 0 3 None ☐ 9 9

16. Drilling additives used? ■ Yes ☐ No
Describe: _____potable water_____

17. Source of water (attached analysis):
_____Boart Longyear_____

E. Bentonite seal, top 7 5 5 . 8 ft MSL or 3 7 . 0 ft
F. Fine sand, top 7 5 0 . 8 ft MSL or 4 2 . 0 ft
G. Filter pack, top 7 4 9 . 8 ft MSL or 4 3 . 0 ft
H. Screen joint, top 7 4 7 . 8 ft MSL or 4 5 . 0 ft
I. Well bottom 7 4 2 . 8 ft MSL or 5 0 . 0 ft
J. Filter pack, bottom 7 4 2 . 8 ft MSL or 5 0 . 0 ft
K. Borehole, bottom 7 4 2 . 8 ft MSL or 5 0 . 0 ft
L. Borehole, diameter 6 . 0 in.
M. O.D. well casing 2 . 3 7 in.
N. I.D. well casing 2 . 0 5 in.

1. Cap and lock? ■ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 4 . 0 in.
b. Length: 7 . 0 ft.
c. Material: Steel ■
Stick up Other ☐ ____
d. Additional protection? ☐ Yes ■ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 3 0
Concrete ☐ 0 1
Native soil Other ■ ____
4. Material between well casing and protective pipe:
Bentonite ☐ 3 0
Annular Space Seal ☐ ____
Red Flint #30 Other ■ ____
5. Annular space seal: a. Granular Bentonite ☐ 3 3
b. ____ Lbs/gal mud weight ..... Bentonite-sand slurry ☐ 3 5
c. ____ Lbs/gal mud weight. ..... Bentonite slurry ■ 3 1
d. ____ % Bentonite ..... Bentonite-cement grout ☐ 5 0
e. _____ Ft³ volume added for any of the above
f. How installed: Tremie ☐ 0 1
25 gallons bentonite slurry Tremie pumped ■ 0 2
Grout up to 2 feet bgs. Gravity ☐ 0 8
6. Bentonite seal: a. Bentonite granules ☐ 3 3
b. ☐ 1/4 in. ■ 3/8 in. ☐ 1/2 in. Bentonite chips ■ 3 2
c. 100 lbs Other ☐ ____
7. Fine sand material: Manufacturer, product name & mesh size
a. Badger Mining #40/40 fine ____
b. Volume added 50 lb
8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint #30 ____
b. Volume added 150 lb
9. Well casing: Flush threaded PVC schedule 40 ■ 2 3
Flush threaded PVC schedule 80 ☐ 2 4
_____ Other ☐ ____
10. Screen material: Sch. 40 PVC ____
a. Screen type: Factory cut ■ 1 1
Continuous slot ☐ 0 1
_____ Other ☐ ____
b. Manufacturer Boart Longyear
c. Slot size 0 . 0 1 0 in.
d. Slotted length: 5 . 0 ft.
11. Backfill material (below filler pack): None ■ 1 4
_____ Other ☐ ____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____ Firm NewFields, Madison, Wisconsin

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than $10, nor more than $5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than $10,000 for each day of violation. NOTE: shaded areas are for DNR use only. See instruction for more information including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 4-90

Facility/Project Name **DB Oak Facility** **Fort Atkinson, Wisconsin**	Local Grid Location of Well _____ ft. ☐ N. _____ ft. ☐ E. ☐ S. ☐ W.	Well Name **MW-8B**
Facility License, Permit or Monitoring Number _____	Grid Origin Location Lat. ____ ____ ____ Long. ____ ____ ____ St. Plane _____ ft. N, _____ ft. E.	Wis. Unique Well Number / DNR Well Number _____
Type of Well Water Table Observation Well ☐ 11 Piezometer ■ 12		Date Well Installed 0 9 / 1 9 / 0 7 m m d d y y
Distance Well Is From Waste/Source Boundary _____	Section Location of Waste/Source ■ E NE 1/4 of SE 1/4 of Sec. 34 , T. 6 N, R. 14 ☐ W	Well Installed By: (Person's Name and Firm) Mike Hanson Boart Longyear
Is Well A Point of Enforcement Std. Application? ☐ Yes ☐ No	Location of Well Relative to Waste/Source u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation 7 9 5 . 1 9 ft. MSL
C. Land surface elevation 7 9 2 . 7 ft. MSL
D. Surface seal, bottom 7 9 0 . 7 ft MSL or 2 . 0 ft

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ■ SC ☐ ML ■ MH ☐ CL ☐ CH ☐ ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ■ No

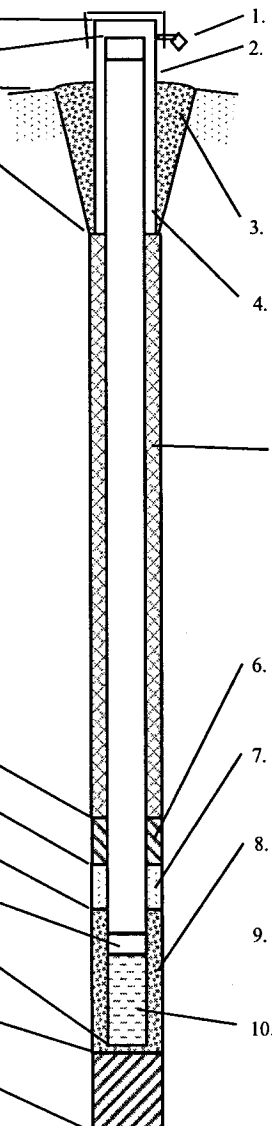
14. Drilling method used: Rotary ☐ 5 0
Hollow Stem Auger ☐ 4 1
Rotosonic Other ■ ____

15. Drilling fluid used: Water ■ 0 2 Air ☐ 0 1
Drilling Mud ☐ 0 3 None ☐ 9 9

16. Drilling additives used? ■ Yes ☐ No
Describe: _____potable water_____

17. Source of water (attached analysis):
_____Boart Longyear_____

E. Bentonite seal, top 7 2 0 . 7 ft MSL or 7 2 . 0 ft
F. Fine sand, top 7 1 5 . 7 ft MSL or 7 7 . 0 ft
G. Filter pack, top 7 1 4 . 7 ft MSL or 7 8 . 0 ft
H. Screen joint, top 7 1 2 . 7 ft MSL or 8 0 . 0 ft
I. Well bottom 7 0 7 . 7 ft MSL or 8 5 . 0 ft
J. Filter pack, bottom 7 0 7 . 7 ft MSL or 8 5 . 0 ft
K. Borehole, bottom 6 7 7 . 7 ft MSL or 1 1 5 . 0 ft
L. Borehole, diameter 6 . 0 in.
M. O.D. well casing 2 . 3 7 in.
N. I.D. well casing 2 . 0 5 in.



1. Cap and lock? ■ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 4 . 0 in.
b. Length: 7 . 0 ft.
c. Material: Steel ■
Stick up Other ☐ ____
d. Additional protection? ☐ Yes ■ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 3 0
Concrete ☐ 0 1
Native soil Other ■ ____
4. Material between well casing and protective pipe:
Bentonite ☐ 3 0
Annular Space Seal ☐ ____
Red Flint #30 Other ■ ____
5. Annular space seal: a. Granular Bentonite ☐ 3 3
b. ____ Lbs/gal mud weight ..... Bentonite-sand slurry ☐ 3 5
c. ____ Lbs/gal mud weight..... Bentonite slurry ■ 3 1
d. ____% Bentonite ..... Bentonite-cement grout ☐ 5 0
e. _____ Ft³ volume added for any of the above
f. How installed: Tremie ☐ 0 1
75 gallons bentonite slurry Tremie pumped ■ 0 2
Grout up to 2 feet bgs. Gravity ☐ 0 8
6. Bentonite seal: a. Bentonite granules ☐ 3 3
b. ☐ 1/4 in. ■ 3/8 in. ☐ 1/2 in. Bentonite chips ■ 3 2
c. 100 lbs Other ☐ ____
7. Fine sand material: Manufacturer, product name & mesh size
a. Badger Mining #40/40 fine ____
b. Volume added 50 lb
8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint #30 ____
b. Volume added 150 lb
9. Well casing: Flush threaded PVC schedule 40 ■ 2 3
Flush threaded PVC schedule 80 ☐ 2 4
_____ Other ☐ ____
10. Screen material: Sch. 40 PVC ____
a. Screen type: Factory cut ■ 1 1
Continuous slot ☐ 0 1
_____ Other ☐ ____
b. Manufacturer Boart Longyear
c. Slot size 0. 0 1 0 in.
d. Slotted length: 5 . 0 ft.
11. Backfill material (below filler pack): None ☐ 1 4
Natural collapse, Bentonite Chips Other ■ ____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____ Firm NewFields, Madison, Wisconsin

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BOART LONGYEAR

WELL DEVELOPMENT REPORT

WELL NAME MW2B JOB NO# 3410-1530

WELL DIAMETER 2" LOCATION FT ATKINSON

(MEASUREMENTS BELOW FROM TOP OF CASING)
TOTAL DEPTH 84.3 DATE 9/22/07

DEPTH TO WATER BEFORE DEVELOPMENT 8.6 DEVELOPED BY MCH

DEPTH TO WATER AFTER DEVELOPMENT 86

DESCRIPTION OF DEVELOPMENT METHOD

(CIRCLE ONE:)

A. SURGED W/BAILER & BAILED
B. SURGED W/BAILER & PUMPED
C. SURGED W/BLOCK & BAILED
(D) SURGED W/BLOCK & PUMPED
E. OTHER PUMP

CAN THIS WELL BE PURGED DRY? N.

VOLUME OF WATER IN FILTER PACK AND WELL CASING 15.15

VOLUME OF WATER REMOVED FROM WELL 100 G.

CLARITY OF WATER BEFORE DEVELOPMENT LIGHT BROWN

CLARITY OF WATER AFTER DEVELOPMENT CLEAR

VOLUME OF WATER ADDED NA

SOURCE OF WATER ADDED

TIME SPENT FOR DEVELOPMENT 60 MIN.

START: 7:30 (A.M.) P.M.

END: 8:30 (A.M.) P.M.

COMMENTS:

BOART LONGYEAR

WELL DEVELOPMENT REPORT

WELL NAME MW7B JOB NO# 3410-1530

WELL DIAMETER 2" LOCATION FT ATKINSON

(MEASUREMENTS BELOW FROM TOP OF CASING)
TOTAL DEPTH 98.2 DATE 9-21-07

DEPTH TO WATER BEFORE DEVELOPMENT 11.2 DEVELOPED BY MCH

DEPTH TO WATER AFTER DEVELOPMENT ~~98.2~~ 11.2

DESCRIPTION OF DEVELOPMENT METHOD

(CIRCLE ONE:)

A. SURGED W/BAILER & BAILED
B. SURGED W/BAILER & PUMPED
C. SURGED W/BLOCK & BAILED
D. SURGED W/~~BLOCK~~ & PUMPED
E. OTHER Pump

CAN THIS WELL BE PURGED DRY? N

VOLUME OF WATER IN FILTER PACK AND WELL CASING _____

VOLUME OF WATER REMOVED FROM WELL 100 G.

CLARITY OF WATER BEFORE DEVELOPMENT LT BROWN

CLARITY OF WATER AFTER DEVELOPMENT CLEAR

VOLUME OF WATER ADDED NA

SOURCE OF WATER ADDED _____

TIME SPENT FOR DEVELOPMENT 60 MIN. START: 9:15 A.M. P.M. END: 10:15 A.M. P.M.

COMMENTS:

BOART LONGYEAR

WELL DEVELOPMENT REPORT

WELL NAME MW 8B JOB NO# 3410-1530

WELL DIAMETER 2" LOCATION FT ATKINSON

(MEASUREMENTS BELOW FROM TOP OF CASING)
TOTAL DEPTH 87.1 DATE 9/21/07

DEPTH TO WATER BEFORE DEVELOPMENT 10.8 DEVELOPED BY MCH

DEPTH TO WATER AFTER DEVELOPMENT 10.85 after 60 min

DESCRIPTION OF DEVELOPMENT METHOD

(CIRCLE ONE:)

A. SURGED W/BAILER & BAILED
B. SURGED W/BAILER & PUMPED
C. SURGED W/BLOCK & BAILED
D. SURGED W/~~BLOCK~~ & PUMPED
E. OTHER Pump

CAN THIS WELL BE PURGED DRY? N

VOLUME OF WATER IN FILTER PACK AND WELL CASING	15.32
VOLUME OF WATER REMOVED FROM WELL	90 G.
CLARITY OF WATER BEFORE DEVELOPMENT	LIGHT BROWN
CLARITY OF WATER AFTER DEVELOPMENT	CLEAR
VOLUME OF WATER ADDED	NA
SOURCE OF WATER ADDED	NA

TIME SPENT FOR DEVELOPMENT 60 MIN.

START: 7:00 A.M. P.M.

END: 8:00 A.M. P.M.

COMMENTS:

BOART LONGYEAR

WELL DEVELOPMENT REPORT

WELL NAME MW 8 JOB NO# 3410-153D

WELL DIAMETER 2" LOCATION Ft Atkinson

(MEASUREMENTS BELOW FROM TOP OF CASING)
TOTAL DEPTH 23.1 DATE 9/21/07

DEPTH TO WATER BEFORE DEVELOPMENT 4.0 DEVELOPED BY MCH

DEPTH TO WATER AFTER DEVELOPMENT 4.6 after 15

DESCRIPTION OF DEVELOPMENT METHOD

(CIRCLE ONE:)

A. SURGED W/BAILER & BAILED
B. SURGED W/BAILER & PUMPED
C. SURGED W/BLOCK & BAILED
D. SURGED W/~~BLOCK~~ PUMP & PUMPED
E. OTHER _____

CAN THIS WELL BE PURGED DRY? N

VOLUME OF WATER IN FILTER PACK AND WELL CASING 7.85

VOLUME OF WATER REMOVED FROM WELL 75

CLARITY OF WATER BEFORE DEVELOPMENT LIGHT BROWN

CLARITY OF WATER AFTER DEVELOPMENT CLEAR

VOLUME OF WATER ADDED NA

SOURCE OF WATER ADDED

TIME SPENT FOR DEVELOPMENT ~~60~~ 45 MIN.

START: 830 A.M. P.M.

END: 915 A.M. P.M.

COMMENTS:

BOART LONGYEAR

WELL DEVELOPMENT REPORT

WELL NAME MW8A JOB NO# 3410-1530

WELL DIAMETER 2" LOCATION Ft Atkinson

(MEASUREMENTS BELOW FROM TOP OF CASING)
TOTAL DEPTH 53.1 DATE 9/21/07

DEPTH TO WATER BEFORE DEVELOPMENT 10.7 DEVELOPED BY MCH

DEPTH TO WATER AFTER DEVELOPMENT 10.8 after 45 min

DESCRIPTION OF DEVELOPMENT METHOD

(CIRCLE ONE:)

A. SURGED W/BAILER & BAILED
B. SURGED W/BAILER & PUMPED
C. SURGED W/BLOCK & BAILED
(D.) SURGED W/~~BLOCK~~ & PUMPED
E. OTHER Pump

CAN THIS WELL BE PURGED DRY? N

VOLUME OF WATER IN FILTER PACK AND WELL CASING 9.77

VOLUME OF WATER REMOVED FROM WELL 60 GAL

CLARITY OF WATER BEFORE DEVELOPMENT Lt Brown

CLARITY OF WATER AFTER DEVELOPMENT CLEAR

VOLUME OF WATER ADDED N/A

SOURCE OF WATER ADDED

TIME SPENT FOR DEVELOPMENT 30 MIN.

START: 8:00 (A.M.) P.M.

END: 8:30 A.M. P.M.

COMMENTS:

BOART LONGYEAR

WELL DEVELOPMENT REPORT

WELL NAME MW3C JOB NO# 3410-1530

WELL DIAMETER 2" LOCATION FT ATKINSON

(MEASUREMENTS BELOW FROM TOP OF CASING)
TOTAL DEPTH 132.5' DATE 9/22/07

DEPTH TO WATER BEFORE DEVELOPMENT 0.0 DEVELOPED BY MCH

DEPTH TO WATER AFTER DEVELOPMENT 45.6 after 2 hrs

DESCRIPTION OF DEVELOPMENT METHOD

(CIRCLE ONE:)

A. SURGED W/BAILER & BAILED
B. SURGED W/BAILER & PUMPED
C. SURGED W/BLOCK & BAILED
(D.) SURGED W/~~BLOCK~~ PUMP & PUMPED
E. OTHER _____

CAN THIS WELL BE PURGED DRY? Y

VOLUME OF WATER IN FILTER PACK AND WELL CASING	20.392
VOLUME OF WATER REMOVED FROM WELL	@ 30 Gallons
CLARITY OF WATER BEFORE DEVELOPMENT	dark brown
CLARITY OF WATER AFTER DEVELOPMENT	dark brown
VOLUME OF WATER ADDED	N/A
SOURCE OF WATER ADDED	
TIME SPENT FOR DEVELOPMENT 90 MIN.	START: 1:15 (A.M.) (P.M.) END: 2:45 (A.M.) (P.M.)

COMMENTS:

Well PURGED DRY four times
Screen set in fine silty sand layer
= will Produce water just extremely small amounts.

Appendix B

Laboratory Reports
Groundwater Zone Samples

September 19, 2007

Mark McCulloch
NewFields
2110 Luann Lane, Suite 101
Madison, WI 53713

re: Thomas D.B. - Fort Atkinson, WI - Project Number 0451-002-800

Dear Mr. McCulloch,

Enclosed you will find the analytical results for the samples collected September 17-18, 2007. Please feel free to call if you have any questions.

Sincerely,

Robert Osmundson
QA Manager

Enclosures
jce

Environmental Chemistry Consulting Services, Inc.
2525 Advance Road • Madison, WI 53718 • Phone (608) 221-8700 • FAX (608) 221-4889

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/18/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-7B (60' to 65')	Dilution Factor:	10
Date Collected:	09/17/07	Lab Sample Number:	43675
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
Dichlorodifluoromethane	0.50	1.7	<	5.0
Chloromethane	1.0	3.3	<	10
Vinyl Chloride	0.50	1.7	<	5.0
Bromomethane	5.0	17	<	50
Chloroethane	5.0	17	<	50
Trichlorofluoromethane	0.50	1.7	<	5.0
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	5.0
1,1-Dichloroethene	0.50	1.7	<	5.0
Acetone	20	67	<	200
Carbon Disulfide	0.50	1.7	<	5.0
Methylene Chloride	2.0	6.7	<	20
Methyl-t-butyl Ether	0.50	1.7	<	5.0
t-1,2-Dichloroethene	0.50	1.7	<	5.0
n-Hexane	0.50	1.7	<	5.0
1,1-Dichloroethane	0.50	1.7	<	5.0
Diisopropyl Ether	0.50	1.7	<	5.0
2,2-Dichloropropane	0.50	1.7	<	5.0
c-1,2-Dichloroethene	0.50	1.7		**17**
2-Butanone (MEK)	20	67	<	200
Tetrahydrofuran	10	33	<	100
Bromochloromethane	0.50	1.7	<	5.0
Chloroform	0.50	1.7	<	5.0
1,1,1-Trichloroethane	0.50	1.7	<	5.0
Carbon Tetrachloride	0.50	1.7	<	5.0
1,1-Dichloropropene	0.50	1.7	<	5.0
Benzene	0.50	1.7	<	5.0
1,2-Dichloroethane	0.50	1.7	<	5.0
Trichloroethene	0.50	1.7		**20**
1,2-Dichloropropane	0.50	1.7	<	5.0
Dibromomethane	0.50	1.7	<	5.0
Bromodichloromethane	0.50	1.7	<	5.0
c-1,3-Dichloropropene	0.50	1.7	<	5.0

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Rachel Arnold

Date: 09/19/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/18/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-7B (60' to 65')	Dilution Factor:	10
Date Collected:	09/17/07	Lab Sample Number:	43675
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	<	200
Toluene	0.50	1.7	<	5.0
1,1,2-Trichloroethane	0.50	1.7	<	5.0
t-1,3-Dichloropropene	0.50	1.7	<	5.0
Tetrachloroethene	0.50	1.7		**92**
1,3-Dichloropropane	0.50	1.7	<	5.0
2-Hexanone	20	67	<	200
Dibromochloromethane	0.50	1.7	<	5.0
1,2-Dibromoethane	0.50	1.7	<	5.0
Chlorobenzene	0.50	1.7	<	5.0
1,1,1,2-Tetrachloroethane	0.50	1.7	<	5.0
Ethylbenzene	0.50	1.7	<	5.0
m+p-Xylene	0.50	1.7	<	5.0
o-Xylene	0.50	1.7	<	5.0
Styrene	0.50	1.7	<	5.0
Bromoform	0.50	1.7	<	5.0
Isopropylbenzene	0.50	1.7	<	5.0
1,1,2,2-Tetrachloroethane	0.50	1.7	<	5.0
Bromobenzene	0.50	1.7	<	5.0
1,2,3-Trichloropropane	1.0	3.3	<	10
n-Propyl benzene	0.50	1.7	<	5.0
2-Chlorotoluene	0.50	1.7	<	5.0
1,3,5-Trimethylbenzene	0.50	1.7	<	5.0
4-Chlorotoluene	0.50	1.7	<	5.0
t-Butyl benzene	0.50	1.7	<	5.0
1,2,4-Trimethylbenzene	0.50	1.7	<	5.0
sec-Butyl benzene	0.50	1.7	<	5.0
1,3-Dichlorobenzene	0.50	1.7	<	5.0
p-Isopropyl toluene	0.50	1.7	<	5.0
1,4-Dichlorobenzene	0.50	1.7	<	5.0
n-Butyl benzene	0.50	1.7	<	5.0
1,2-Dichlorobenzene	0.50	1.7	<	5.0

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Robert Oswald

Date: 09/19/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/18/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-7B (60' to 65')	Dilution Factor:	10
Date Collected:	09/17/07	Lab Sample Number:	43675
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	5.0
1,2,4-Trichlorobenzene	2.0	6.7	<	20
Hexachlorobutadiene	2.0	6.7	<	20
Naphthalene	5.0	17	<	50
1,2,3-Trichlorobenzene	2.0	6.7	<	20
Dibromofluoromethane				**105%**
Toluene-D8				**95.0%**
4-Bromofluorobenzene				**92.8%**

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Robert Arndt

Date: 09/19/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/18/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-7B (80' to 85')	Dilution Factor:	1
Date Collected:	09/18/07	Lab Sample Number:	43676
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result	
Dichlorodifluoromethane	0.50	1.7	<	0.50	
Chloromethane	1.0	3.3	<	1.0	
Vinyl Chloride	0.50	1.7	<	0.50	
Bromomethane	5.0	17	<	5.0	
Chloroethane	5.0	17	<	5.0	
Trichlorofluoromethane	0.50	1.7	<	0.50	
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	0.50	
1,1-Dichloroethene	0.50	1.7	<	0.50	
Acetone	20	67	<	20	
Carbon Disulfide	0.50	1.7	<	0.50	
Methylene Chloride	2.0	6.7	<	2.0	
Methyl-t-butyl Ether	0.50	1.7	<	0.50	
t-1,2-Dichloroethene	0.50	1.7	<	0.50	
n-Hexane	0.50	1.7	<	0.50	
1,1-Dichloroethane	0.50	1.7	<	0.50	
Diisopropyl Ether	0.50	1.7	<	0.50	
2,2-Dichloropropane	0.50	1.7	<	0.50	
c-1,2-Dichloroethene	0.50	1.7	<	0.50	
2-Butanone (MEK)	20	67	<	20	
Tetrahydrofuran	10	33	<	10	
Bromochloromethane	0.50	1.7	<	0.50	
Chloroform	0.50	1.7	<	0.50	
1,1,1-Trichloroethane	0.50	1.7	<	0.50	
Carbon Tetrachloride	0.50	1.7	<	0.50	
1,1-Dichloropropene	0.50	1.7	<	0.50	
Benzene	0.50	1.7	<	0.50	
1,2-Dichloroethane	0.50	1.7	<	0.50	
Trichloroethene	0.50	1.7		**0.87**	**J**
1,2-Dichloropropane	0.50	1.7	<	0.50	
Dibromomethane	0.50	1.7	<	0.50	
Bromodichloromethane	0.50	1.7	<	0.50	
c-1,3-Dichloropropene	0.50	1.7	<	0.50	

Method Reference: Modified 8260

WI Lab Certification #113289110

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Date: 09/19/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/18/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-7B (80' to 85')	Dilution Factor:	1
Date Collected:	09/18/07	Lab Sample Number:	43676
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	<	20
Toluene	0.50	1.7	<	0.50
1,1,2-Trichloroethane	0.50	1.7	<	0.50
t-1,3-Dichloropropene	0.50	1.7	<	0.50
Tetrachloroethene	0.50	1.7		**6.7**
1,3-Dichloropropane	0.50	1.7	<	0.50
2-Hexanone	20	67	<	20
Dibromochloromethane	0.50	1.7	<	0.50
1,2-Dibromoethane	0.50	1.7	<	0.50
Chlorobenzene	0.50	1.7	<	0.50
1,1,1,2-Tetrachloroethane	0.50	1.7	<	0.50
Ethylbenzene	0.50	1.7	<	0.50
m+p-Xylene	0.50	1.7	<	0.50
o-Xylene	0.50	1.7	<	0.50
Styrene	0.50	1.7	<	0.50
Bromoform	0.50	1.7	<	0.50
Isopropylbenzene	0.50	1.7	<	0.50
1,1,2,2-Tetrachloroethane	0.50	1.7	<	0.50
Bromobenzene	0.50	1.7	<	0.50
1,2,3-Trichloropropane	1.0	3.3	<	1.0
n-Propyl benzene	0.50	1.7	<	0.50
2-Chlorotoluene	0.50	1.7	<	0.50
1,3,5-Trimethylbenzene	0.50	1.7	<	0.50
4-Chlorotoluene	0.50	1.7	<	0.50
t-Butyl benzene	0.50	1.7	<	0.50
1,2,4-Trimethylbenzene	0.50	1.7	<	0.50
sec-Butyl benzene	0.50	1.7	<	0.50
1,3-Dichlorobenzene	0.50	1.7	<	0.50
p-Isopropyl toluene	0.50	1.7	<	0.50
1,4-Dichlorobenzene	0.50	1.7	<	0.50
n-Butyl benzene	0.50	1.7	<	0.50
1,2-Dichlorobenzene	0.50	1.7	<	0.50

Method Reference: Modified 8260

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Date: 09/19/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/18/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-7B (80' to 85')	Dilution Factor:	1
Date Collected:	09/18/07	Lab Sample Number:	43676
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	0.50
1,2,4-Trichlorobenzene	2.0	6.7	<	2.0
Hexachlorobutadiene	2.0	6.7	<	2.0
Naphthalene	5.0	17	<	5.0
1,2,3-Trichlorobenzene	2.0	6.7	<	2.0
Dibromofluoromethane				**71.2%**
Toluene-D8				**92.5%**
4-Bromofluorobenzene				**96.6%**

J = Estimated.

Method Reference: Modified 8260

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Date: 09/19/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/18/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-7B (95' to 100')	Dilution Factor:	1
Date Collected:	09/18/07	Lab Sample Number:	43677
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result	
Dichlorodifluoromethane	0.50	1.7	<	0.50	
Chloromethane	1.0	3.3	<	1.0	
Vinyl Chloride	0.50	1.7	<	0.50	
Bromomethane	5.0	17	<	5.0	
Chloroethane	5.0	17	<	5.0	M
Trichlorofluoromethane	0.50	1.7	<	0.50	M
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	0.50	
1,1-Dichloroethene	0.50	1.7	<	0.50	
Acetone	20	67	<	20	M
Carbon Disulfide	0.50	1.7	<	0.50	
Methylene Chloride	2.0	6.7	<	2.0	
Methyl-t-butyl Ether	0.50	1.7	<	0.50	M
t-1,2-Dichloroethene	0.50	1.7	<	0.50	
n-Hexane	0.50	1.7	<	0.50	
1,1-Dichloroethane	0.50	1.7	<	0.50	
Diisopropyl Ether	0.50	1.7	<	0.50	
2,2-Dichloropropane	0.50	1.7	<	0.50	
c-1,2-Dichloroethene	0.50	1.7	<	0.50	
2-Butanone (MEK)	20	67	<	20	M
Tetrahydrofuran	10	33	<	10	M
Bromochloromethane	0.50	1.7	<	0.50	M
Chloroform	0.50	1.7	<	0.50	
1,1,1-Trichloroethane	0.50	1.7	<	0.50	
Carbon Tetrachloride	0.50	1.7	<	0.50	M
1,1-Dichloropropene	0.50	1.7	<	0.50	
Benzene	0.50	1.7	<	0.50	
1,2-Dichloroethane	0.50	1.7	<	0.50	
Trichloroethene	0.50	1.7	<	0.50	
1,2-Dichloropropane	0.50	1.7	<	0.50	
Dibromomethane	0.50	1.7	<	0.50	
Bromodichloromethane	0.50	1.7	<	0.50	
c-1,3-Dichloropropene	0.50	1.7	<	0.50	

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/18/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-7B (95' to 100')	Dilution Factor:	1
Date Collected:	09/18/07	Lab Sample Number:	43677
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result	
4-Methyl-2-pentanone (MIBK)	20	67	<	20	
Toluene	0.50	1.7	<	0.50	
1,1,2-Trichloroethane	0.50	1.7	<	0.50	
t-1,3-Dichloropropene	0.50	1.7	<	0.50	
Tetrachloroethene	0.50	1.7		**4.2**	
1,3-Dichloropropane	0.50	1.7	<	0.50	
2-Hexanone	20	67	<	20	
Dibromochloromethane	0.50	1.7	<	0.50	
1,2-Dibromoethane	0.50	1.7	<	0.50	
Chlorobenzene	0.50	1.7	<	0.50	
1,1,1,2-Tetrachloroethane	0.50	1.7	<	0.50	
Ethylbenzene	0.50	1.7	<	0.50	
m+p-Xylene	0.50	1.7	<	0.50	
o-Xylene	0.50	1.7	<	0.50	
Styrene	0.50	1.7	<	0.50	
Bromoform	0.50	1.7	<	0.50	
Isopropylbenzene	0.50	1.7	<	0.50	
1,1,2,2-Tetrachloroethane	0.50	1.7	<	0.50	
Bromobenzene	0.50	1.7	<	0.50	**M**
1,2,3-Trichloropropane	1.0	3.3	<	1.0	
n-Propyl benzene	0.50	1.7	<	0.50	
2-Chlorotoluene	0.50	1.7	<	0.50	
1,3,5-Trimethylbenzene	0.50	1.7	<	0.50	
4-Chlorotoluene	0.50	1.7	<	0.50	
t-Butyl benzene	0.50	1.7	<	0.50	
1,2,4-Trimethylbenzene	0.50	1.7	<	0.50	
sec-Butyl benzene	0.50	1.7	<	0.50	
1,3-Dichlorobenzene	0.50	1.7	<	0.50	
p-Isopropyl toluene	0.50	1.7	<	0.50	
1,4-Dichlorobenzene	0.50	1.7	<	0.50	
n-Butyl benzene	0.50	1.7	<	0.50	
1,2-Dichlorobenzene	0.50	1.7	<	0.50	

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by: Robert Oswald

Date: 09/19/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/18/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-7B (95' to 100')	Dilution Factor:	1
Date Collected:	09/18/07	Lab Sample Number:	43677
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	0.50
1,2,4-Trichlorobenzene	2.0	6.7	<	2.0
Hexachlorobutadiene	2.0	6.7	<	2.0
Naphthalene	5.0	17	<	5.0
1,2,3-Trichlorobenzene	2.0	6.7	<	2.0
Dibromofluoromethane				**98.8%**
Toluene-D8				**95.9%**
4-Bromofluorobenzene				**94.2%**

M = Matrix Spike and/or Matrix Spike Duplicate recovery was outside acceptance limits.

Method Reference: Modified 8260

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Approved by: Robert Arndt

Date: 09/19/07

1689.297

* Call Dave Nemetz w/Results! Cell (608) 770-5794

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY No. 018452

Page 1 of 1

Turn Around (circle one) Normal Rush *

Report Due: [redacted] ASAP

Invoice To:

Company: Same

Address:

P.O. No.: Quote No.:

Project Number: 0451-002-800
Project Name: Thomas - D.B.
Project Location: Fort Atkinson
Sampled By (Print): Dave Nemetz

Mail Report To: Mark McCulloch
Company: New Fields
Address: 2110 Luann Lane, Ste 101
Madison, WI 53713

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
MW-7B (60' to 65')	9-17	3:30	GW	3	✓	VOCs		43675
MW-7B (80' to 85')	9-18	8:00	GW	3	✓	"		43676
MW-7B (95'-100')	9-18	10:30	GW	3	✓	"		43677

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By: D. Nemetz — Date/Time: 9/18/07
Relinquished By: [signature] — Date/Time: 9/18/07 11:15 AM

Received By: [signature] — Date/Time: 9/18/07 10:30
Received By: [signature] — Date/Time: 9/18/07 11:15 AM

Custody Seal: Present/Absent Intact/Not Intact Seal #'s

Shipped Via: hand delivered

Receipt Temp: on ice
Temp Blank Y N

WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER

September 20, 2007

Mark McCulloch
NewFields
2110 Luann Lane, Suite 101
Madison, WI 53713

re: Thomas D.B. - Fort Atkinson, WI - Project Number 0451-002-800

Dear Mr. McCulloch,

Enclosed you will find the analytical results for the samples collected September 18, 2007.
Please feel free to call if you have any questions.

Sincerely,

Robert Osmundson
QA Manager

Enclosures
jce

Environmental Chemistry Consulting Services, Inc.
2525 Advance Road • Madison, WI 53718 • Phone (608) 221-8700 • FAX (608) 221-4889

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/19/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-8B (30' to 35')	Dilution Factor:	1
Date Collected:	09/18/07	Lab Sample Number:	43689
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result	
Dichlorodifluoromethane	0.50	1.7	<	0.50	
Chloromethane	1.0	3.3	<	1.0	
Vinyl Chloride	0.50	1.7	<	0.50	
Bromomethane	5.0	17	<	5.0	
Chloroethane	5.0	17	<	5.0	
Trichlorofluoromethane	0.50	1.7	<	0.50	
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	0.50	
1,1-Dichloroethene	0.50	1.7	<	0.50	
Acetone	20	67	<	20	
Carbon Disulfide	0.50	1.7	<	0.50	
Methylene Chloride	2.0	6.7	<	2.0	**M**
Methyl-t-butyl Ether	0.50	1.7	<	0.50	
t-1,2-Dichloroethene	0.50	1.7	<	0.50	**M**
n-Hexane	0.50	1.7	<	0.50	
1,1-Dichloroethane	0.50	1.7	<	0.50	
Diisopropyl Ether	0.50	1.7	<	0.50	
2,2-Dichloropropane	0.50	1.7	<	0.50	
c-1,2-Dichloroethene	0.50	1.7	<	0.50	
2-Butanone (MEK)	20	67	<	20	
Tetrahydrofuran	10	33	<	10	
Bromochloromethane	0.50	1.7	<	0.50	
Chloroform	0.50	1.7	<	0.50	
1,1,1-Trichloroethane	0.50	1.7	<	0.50	
Carbon Tetrachloride	0.50	1.7	<	0.50	
1,1-Dichloropropene	0.50	1.7	<	0.50	
Benzene	0.50	1.7	<	0.50	
1,2-Dichloroethane	0.50	1.7	<	0.50	
Trichloroethene	0.50	1.7	<	0.50	
1,2-Dichloropropane	0.50	1.7	<	0.50	
Dibromomethane	0.50	1.7	<	0.50	
Bromodichloromethane	0.50	1.7	<	0.50	
c-1,3-Dichloropropene	0.50	1.7	<	0.50	

Method Reference: Modified 8260

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Approved by: Robert Oswald

Date: 09/20/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/19/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-8B (30' to 35')	Dilution Factor:	1
Date Collected:	09/18/07	Lab Sample Number:	43689
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	<	20
Toluene	0.50	1.7	<	0.50
1,1,2-Trichloroethane	0.50	1.7	<	0.50
t-1,3-Dichloropropene	0.50	1.7	<	0.50
Tetrachloroethene	0.50	1.7	<	0.50
1,3-Dichloropropane	0.50	1.7	<	0.50
2-Hexanone	20	67	<	20
Dibromochloromethane	0.50	1.7	<	0.50
1,2-Dibromoethane	0.50	1.7	<	0.50
Chlorobenzene	0.50	1.7	<	0.50
1,1,1,2-Tetrachloroethane	0.50	1.7	<	0.50
Ethylbenzene	0.50	1.7	<	0.50
m+p-Xylene	0.50	1.7	<	0.50
o-Xylene	0.50	1.7	<	0.50
Styrene	0.50	1.7	<	0.50
Bromoform	0.50	1.7	<	0.50
Isopropylbenzene	0.50	1.7	<	0.50
1,1,2,2-Tetrachloroethane	0.50	1.7	<	0.50
Bromobenzene	0.50	1.7	<	0.50
1,2,3-Trichloropropane	1.0	3.3	<	1.0
n-Propyl benzene	0.50	1.7	<	0.50
2-Chlorotoluene	0.50	1.7	<	0.50
1,3,5-Trimethylbenzene	0.50	1.7	<	0.50
4-Chlorotoluene	0.50	1.7	<	0.50
t-Butyl benzene	0.50	1.7	<	0.50
1,2,4-Trimethylbenzene	0.50	1.7	<	0.50
sec-Butyl benzene	0.50	1.7	<	0.50
1,3-Dichlorobenzene	0.50	1.7	<	0.50
p-Isopropyl toluene	0.50	1.7	<	0.50
1,4-Dichlorobenzene	0.50	1.7	<	0.50
n-Butyl benzene	0.50	1.7	<	0.50
1,2-Dichlorobenzene	0.50	1.7	<	0.50

Method Reference: Modified 8260

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Approved by: Robert Arndt

Date: 09/20/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/19/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-8B (30' to 35')	Dilution Factor:	1
Date Collected:	09/18/07	Lab Sample Number:	43689
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	0.50
1,2,4-Trichlorobenzene	2.0	6.7	<	2.0
Hexachlorobutadiene	2.0	6.7	<	2.0
Naphthalene	5.0	17	<	5.0
1,2,3-Trichlorobenzene	2.0	6.7	<	2.0
Dibromofluoromethane				**101%**
Toluene-D8				**96.8%**
4-Bromofluorobenzene				**95.2%**

M = Matrix Spike, Matrix Spike Duplicate precision outside acceptance limits.

Method Reference: Modified 8260

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Approved by: Robert Crist

Date: 09/20/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/19/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-8B (60' to 65')	Dilution Factor:	1
Date Collected:	09/18/07	Lab Sample Number:	43690
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
Dichlorodifluoromethane	0.50	1.7	<	0.50
Chloromethane	1.0	3.3	<	1.0
Vinyl Chloride	0.50	1.7	<	0.50
Bromomethane	5.0	17	<	5.0
Chloroethane	5.0	17	<	5.0
Trichlorofluoromethane	0.50	1.7	<	0.50
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	0.50
1,1-Dichloroethene	0.50	1.7	<	0.50
Acetone	20	67	<	20
Carbon Disulfide	0.50	1.7	<	0.50
Methylene Chloride	2.0	6.7	<	2.0
Methyl-t-butyl Ether	0.50	1.7	<	0.50
t-1,2-Dichloroethene	0.50	1.7	<	0.50
n-Hexane	0.50	1.7	<	0.50
1,1-Dichloroethane	0.50	1.7	<	0.50
Diisopropyl Ether	0.50	1.7	<	0.50
2,2-Dichloropropane	0.50	1.7	<	0.50
c-1,2-Dichloroethene	0.50	1.7	<	0.50
2-Butanone (MEK)	20	67	<	20
Tetrahydrofuran	10	33	<	10
Bromochloromethane	0.50	1.7	<	0.50
Chloroform	0.50	1.7	<	0.50
1,1,1-Trichloroethane	0.50	1.7	<	0.50
Carbon Tetrachloride	0.50	1.7	<	0.50
1,1-Dichloropropene	0.50	1.7	<	0.50
Benzene	0.50	1.7	<	0.50
1,2-Dichloroethane	0.50	1.7	<	0.50
Trichloroethene	0.50	1.7	<	0.50
1,2-Dichloropropane	0.50	1.7	<	0.50
Dibromomethane	0.50	1.7	<	0.50
Bromodichloromethane	0.50	1.7	<	0.50
c-1,3-Dichloropropene	0.50	1.7	<	0.50

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
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Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Robert Oneil

Date: 09/20/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/19/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-8B (60' to 65')	Dilution Factor:	1
Date Collected:	09/18/07	Lab Sample Number:	43690
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	<	20
Toluene	0.50	1.7	<	0.50
1,1,2-Trichloroethane	0.50	1.7	<	0.50
t-1,3-Dichloropropene	0.50	1.7	<	0.50
Tetrachloroethene	0.50	1.7	<	0.50
1,3-Dichloropropane	0.50	1.7	<	0.50
2-Hexanone	20	67	<	20
Dibromochloromethane	0.50	1.7	<	0.50
1,2-Dibromoethane	0.50	1.7	<	0.50
Chlorobenzene	0.50	1.7	<	0.50
1,1,1,2-Tetrachloroethane	0.50	1.7	<	0.50
Ethylbenzene	0.50	1.7	<	0.50
m+p-Xylene	0.50	1.7	<	0.50
o-Xylene	0.50	1.7	<	0.50
Styrene	0.50	1.7	<	0.50
Bromoform	0.50	1.7	<	0.50
Isopropylbenzene	0.50	1.7	<	0.50
1,1,2,2-Tetrachloroethane	0.50	1.7	<	0.50
Bromobenzene	0.50	1.7	<	0.50
1,2,3-Trichloropropane	1.0	3.3	<	1.0
n-Propyl benzene	0.50	1.7	<	0.50
2-Chlorotoluene	0.50	1.7	<	0.50
1,3,5-Trimethylbenzene	0.50	1.7	<	0.50
4-Chlorotoluene	0.50	1.7	<	0.50
t-Butyl benzene	0.50	1.7	<	0.50
1,2,4-Trimethylbenzene	0.50	1.7	<	0.50
sec-Butyl benzene	0.50	1.7	<	0.50
1,3-Dichlorobenzene	0.50	1.7	<	0.50
p-Isopropyl toluene	0.50	1.7	<	0.50
1,4-Dichlorobenzene	0.50	1.7	<	0.50
n-Butyl benzene	0.50	1.7	<	0.50
1,2-Dichlorobenzene	0.50	1.7	<	0.50

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by: Robert Ourth

Date: 09/20/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/19/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-8B (60' to 65')	Dilution Factor:	1
Date Collected:	09/18/07	Lab Sample Number:	43690
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	0.50
1,2,4-Trichlorobenzene	2.0	6.7	<	2.0
Hexachlorobutadiene	2.0	6.7	<	2.0
Naphthalene	5.0	17	<	5.0
1,2,3-Trichlorobenzene	2.0	6.7	<	2.0
Dibromofluoromethane				**103%**
Toluene-D8				**94.1%**
4-Bromofluorobenzene				**96.8%**

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by: Robert Crunk

Date: 09/20/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/19/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-8B (80' to 85')	Dilution Factor:	1
Date Collected:	09/18/07	Lab Sample Number:	43691
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
Dichlorodifluoromethane	0.50	1.7	<	0.50
Chloromethane	1.0	3.3	<	1.0
Vinyl Chloride	0.50	1.7	<	0.50
Bromomethane	5.0	17	<	5.0
Chloroethane	5.0	17	<	5.0
Trichlorofluoromethane	0.50	1.7	<	0.50
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	0.50
1,1-Dichloroethene	0.50	1.7	<	0.50
Acetone	20	67	<	20
Carbon Disulfide	0.50	1.7	<	0.50
Methylene Chloride	2.0	6.7	<	2.0
Methyl-t-butyl Ether	0.50	1.7	<	0.50
t-1,2-Dichloroethene	0.50	1.7	<	0.50
n-Hexane	0.50	1.7	<	0.50
1,1-Dichloroethane	0.50	1.7	<	0.50
Diisopropyl Ether	0.50	1.7	<	0.50
2,2-Dichloropropane	0.50	1.7	<	0.50
c-1,2-Dichloroethene	0.50	1.7	<	0.50
2-Butanone (MEK)	20	67	<	20
Tetrahydrofuran	10	33	<	10
Bromochloromethane	0.50	1.7	<	0.50
Chloroform	0.50	1.7	<	0.50
1,1,1-Trichloroethane	0.50	1.7	<	0.50
Carbon Tetrachloride	0.50	1.7	<	0.50
1,1-Dichloropropene	0.50	1.7	<	0.50
Benzene	0.50	1.7	<	0.50
1,2-Dichloroethane	0.50	1.7	<	0.50
Trichloroethene	0.50	1.7	<	0.50
1,2-Dichloropropane	0.50	1.7	<	0.50
Dibromomethane	0.50	1.7	<	0.50
Bromodichloromethane	0.50	1.7	<	0.50
c-1,3-Dichloropropene	0.50	1.7	<	0.50

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by: Robert Olson

Date: 09/20/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/19/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-8B (80' to 85')	Dilution Factor:	1
Date Collected:	09/18/07	Lab Sample Number:	43691
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	<	20
Toluene	0.50	1.7	<	0.50
1,1,2-Trichloroethane	0.50	1.7	<	0.50
t-1,3-Dichloropropene	0.50	1.7	<	0.50
Tetrachloroethene	0.50	1.7	<	0.50
1,3-Dichloropropane	0.50	1.7	<	0.50
2-Hexanone	20	67	<	20
Dibromochloromethane	0.50	1.7	<	0.50
1,2-Dibromoethane	0.50	1.7	<	0.50
Chlorobenzene	0.50	1.7	<	0.50
1,1,1,2-Tetrachloroethane	0.50	1.7	<	0.50
Ethylbenzene	0.50	1.7	<	0.50
m+p-Xylene	0.50	1.7	<	0.50
o-Xylene	0.50	1.7	<	0.50
Styrene	0.50	1.7	<	0.50
Bromoform	0.50	1.7	<	0.50
Isopropylbenzene	0.50	1.7	<	0.50
1,1,2,2-Tetrachloroethane	0.50	1.7	<	0.50
Bromobenzene	0.50	1.7	<	0.50
1,2,3-Trichloropropane	1.0	3.3	<	1.0
n-Propyl benzene	0.50	1.7	<	0.50
2-Chlorotoluene	0.50	1.7	<	0.50
1,3,5-Trimethylbenzene	0.50	1.7	<	0.50
4-Chlorotoluene	0.50	1.7	<	0.50
t-Butyl benzene	0.50	1.7	<	0.50
1,2,4-Trimethylbenzene	0.50	1.7	<	0.50
sec-Butyl benzene	0.50	1.7	<	0.50
1,3-Dichlorobenzene	0.50	1.7	<	0.50
p-Isopropyl toluene	0.50	1.7	<	0.50
1,4-Dichlorobenzene	0.50	1.7	<	0.50
n-Butyl benzene	0.50	1.7	<	0.50
1,2-Dichlorobenzene	0.50	1.7	<	0.50

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by: Rachael Oman

Date: 09/20/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/19/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-8B (80' to 85')	Dilution Factor:	1
Date Collected:	09/18/07	Lab Sample Number:	43691
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	0.50
1,2,4-Trichlorobenzene	2.0	6.7	<	2.0
Hexachlorobutadiene	2.0	6.7	<	2.0
Naphthalene	5.0	17	<	5.0
1,2,3-Trichlorobenzene	2.0	6.7	<	2.0
Dibromofluoromethane				**104%**
Toluene-D8				**95.6%**
4-Bromofluorobenzene				**93.8%**

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by:

Date: 09/20/07

Environmental Chemistry Consulting Services, Inc.
2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

2386.1

(*) CHAIN OF CUSTODY

Call with result to Dave 608-770-5794

No. 018453 *

Page 1 of 1

Turn Around (circle one)	Normal (Rush)
Report Due:	ASAP <24hr

Project Number: 0451-002-800	Mail Report To: Mark Mc Culloch	Invoice To:	
Project Name: Thomas-DB	Company: NewFields	Company: Same	
Project Location: Fort Atkinson	Address: 2110 Luann Lane, Ste 101	Address:	
Sampled By (Print): Dave Nemetz	Madison, WI 53713	P.O. No.:	Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
MW-8B (30-35')	9-18	1:00	GW	3	✓	VOCs		43689
MW-8B (60-65')	9-18	3:00	GW	3	✓	VOCs		43690
MW-8B (80-85')	9-18	4:35	GW	3	✓	VOCs		43691
~~MW-8B~~	~~9-18~~		~~GW~~	~~3~~	~~✓~~	~~VOCs~~ DN		

*Preservation Code A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH O=Other(Indicate)	Relinquished By: D. Nemetz	Date/Time: 9/18/07	Received By: [signature] 1803	Date/Time: 9-18-07
	Relinquished By:	Date/Time:	Received By:	Date/Time:
Custody Seal: Present/Absent	Intact/Not Intact	Seal #'s	Receipt Temp:	
Shipped Via:			Temp Blank Y N	On ice

September 21, 2007

Mark McCulloch
NewFields
2110 Luann Lane, Suite 101
Madison, WI 53713

re: Thomas D.B. - Fort Atkinson, WI - Project Number 0451-002-800

Dear Mr. McCulloch,

Enclosed you will find the analytical results for the samples collected September 19-20, 2007. Please feel free to call if you have any questions.

Sincerely,

Robert Osmundson
QA Manager

Enclosures
jce

Environmental Chemistry Consulting Services, Inc.
2525 Advance Road • Madison, WI 53718 • Phone (608) 221-8700 • FAX (608) 221-4889

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/20/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-8B (100-105')	Dilution Factor:	1
Date Collected:	09/19/07	Lab Sample Number:	43724
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
Dichlorodifluoromethane	0.50	1.7	<	0.50
Chloromethane	1.0	3.3	<	1.0
Vinyl Chloride	0.50	1.7	<	0.50
Bromomethane	5.0	17	<	5.0
Chloroethane	5.0	17	<	5.0
Trichlorofluoromethane	0.50	1.7	<	0.50
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	0.50
1,1-Dichloroethene	0.50	1.7	<	0.50
Acetone	20	67	<	20
Carbon Disulfide	0.50	1.7	<	0.50
Methylene Chloride	2.0	6.7	<	2.0
Methyl-t-butyl Ether	0.50	1.7	<	0.50
t-1,2-Dichloroethene	0.50	1.7	<	0.50
n-Hexane	0.50	1.7	<	0.50
1,1-Dichloroethane	0.50	1.7	<	0.50
Diisopropyl Ether	0.50	1.7	<	0.50
2,2-Dichloropropane	0.50	1.7	<	0.50
c-1,2-Dichloroethene	0.50	1.7	<	0.50
2-Butanone (MEK)	20	67	<	20
Tetrahydrofuran	10	33	<	10
Bromochloromethane	0.50	1.7	<	0.50
Chloroform	0.50	1.7	<	0.50
1,1,1-Trichloroethane	0.50	1.7	<	0.50
Carbon Tetrachloride	0.50	1.7	<	0.50
1,1-Dichloropropene	0.50	1.7	<	0.50
Benzene	0.50	1.7	<	0.50
1,2-Dichloroethane	0.50	1.7	<	0.50
Trichloroethene	0.50	1.7	<	0.50
1,2-Dichloropropane	0.50	1.7	<	0.50
Dibromomethane	0.50	1.7	<	0.50
Bromodichloromethane	0.50	1.7	<	0.50
c-1,3-Dichloropropene	0.50	1.7	<	0.50

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by: M. Jenkins

Date: 9/21/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/20/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-8B (100-105')	Dilution Factor:	1
Date Collected:	09/19/07	Lab Sample Number:	43724
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	<	20
Toluene	0.50	1.7	<	0.50
1,1,2-Trichloroethane	0.50	1.7	<	0.50
t-1,3-Dichloropropene	0.50	1.7	<	0.50
Tetrachloroethene	0.50	1.7	<	0.50
1,3-Dichloropropane	0.50	1.7	<	0.50
2-Hexanone	20	67	<	20
Dibromochloromethane	0.50	1.7	<	0.50
1,2-Dibromoethane	0.50	1.7	<	0.50
Chlorobenzene	0.50	1.7	<	0.50
1,1,1,2-Tetrachloroethane	0.50	1.7	<	0.50
Ethylbenzene	0.50	1.7	<	0.50
m+p-Xylene	0.50	1.7	<	0.50
o-Xylene	0.50	1.7	<	0.50
Styrene	0.50	1.7	<	0.50
Bromoform	0.50	1.7	<	0.50
Isopropylbenzene	0.50	1.7	<	0.50
1,1,2,2-Tetrachloroethane	0.50	1.7	<	0.50
Bromobenzene	0.50	1.7	<	0.50
1,2,3-Trichloropropane	1.0	3.3	<	1.0
n-Propyl benzene	0.50	1.7	<	0.50
2-Chlorotoluene	0.50	1.7	<	0.50
1,3,5-Trimethylbenzene	0.50	1.7	<	0.50
4-Chlorotoluene	0.50	1.7	<	0.50
t-Butyl benzene	0.50	1.7	<	0.50
1,2,4-Trimethylbenzene	0.50	1.7	<	0.50
sec-Butyl benzene	0.50	1.7	<	0.50
1,3-Dichlorobenzene	0.50	1.7	<	0.50
p-Isopropyl toluene	0.50	1.7	<	0.50
1,4-Dichlorobenzene	0.50	1.7	<	0.50
n-Butyl benzene	0.50	1.7	<	0.50
1,2-Dichlorobenzene	0.50	1.7	<	0.50

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by: M. Jurisdam

Date: 9/21/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/20/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-8B (100-105')	Dilution Factor:	1
Date Collected:	09/19/07	Lab Sample Number:	43724
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	0.50
1,2,4-Trichlorobenzene	2.0	6.7	<	2.0
Hexachlorobutadiene	2.0	6.7	<	2.0
Naphthalene	5.0	17	<	5.0
1,2,3-Trichlorobenzene	2.0	6.7	<	2.0
Dibromofluoromethane				**104%**
Toluene-D8				**96.0%**
4-Bromofluorobenzene				**95.8%**

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by: M. Jenkins

Date: 9/21/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/20/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-2B (60-65')	Dilution Factor:	25
Date Collected:	09/20/07	Lab Sample Number:	43725
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
Dichlorodifluoromethane	0.50	1.7	<	13
Chloromethane	1.0	3.3	<	25
Vinyl Chloride	0.50	1.7	<	13
Bromomethane	5.0	17	<	125
Chloroethane	5.0	17	<	125
Trichlorofluoromethane	0.50	1.7	<	13
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	13
1,1-Dichloroethene	0.50	1.7	<	13
Acetone	20	67	<	500
Carbon Disulfide	0.50	1.7	<	13
Methylene Chloride	2.0	6.7	<	50
Methyl-t-butyl Ether	0.50	1.7	<	13
t-1,2-Dichloroethene	0.50	1.7	<	13
n-Hexane	0.50	1.7	<	13
1,1-Dichloroethane	0.50	1.7	<	13
Diisopropyl Ether	0.50	1.7	<	13
2,2-Dichloropropane	0.50	1.7	<	13
c-1,2-Dichloroethene	0.50	1.7		**660**
2-Butanone (MEK)	20	67	<	500
Tetrahydrofuran	10	33	<	250
Bromochloromethane	0.50	1.7	<	13
Chloroform	0.50	1.7	<	13
1,1,1-Trichloroethane	0.50	1.7	<	13
Carbon Tetrachloride	0.50	1.7	<	13
1,1-Dichloropropene	0.50	1.7	<	13
Benzene	0.50	1.7	<	13
1,2-Dichloroethane	0.50	1.7	<	13
Trichloroethene	0.50	1.7		**150**
1,2-Dichloropropane	0.50	1.7	<	13
Dibromomethane	0.50	1.7	<	13
Bromodichloromethane	0.50	1.7	<	13
c-1,3-Dichloropropene	0.50	1.7	<	13

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by: M. Trinkaus

Date: 9/27/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/20/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-2B (60-65')	Dilution Factor:	25
Date Collected:	09/20/07	Lab Sample Number:	43725
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	<	500
Toluene	0.50	1.7	<	13
1,1,2-Trichloroethane	0.50	1.7	<	13
t-1,3-Dichloropropene	0.50	1.7	<	13
Tetrachloroethene	0.50	1.7		**560**
1,3-Dichloropropane	0.50	1.7	<	13
2-Hexanone	20	67	<	500
Dibromochloromethane	0.50	1.7	<	13
1,2-Dibromoethane	0.50	1.7	<	13
Chlorobenzene	0.50	1.7	<	13
1,1,1,2-Tetrachloroethane	0.50	1.7	<	13
Ethylbenzene	0.50	1.7	<	13
m+p-Xylene	0.50	1.7	<	13
o-Xylene	0.50	1.7	<	13
Styrene	0.50	1.7	<	13
Bromoform	0.50	1.7	<	13
Isopropylbenzene	0.50	1.7	<	13
1,1,2,2-Tetrachloroethane	0.50	1.7	<	13
Bromobenzene	0.50	1.7	<	13
1,2,3-Trichloropropane	1.0	3.3	<	25
n-Propyl benzene	0.50	1.7	<	13
2-Chlorotoluene	0.50	1.7	<	13
1,3,5-Trimethylbenzene	0.50	1.7	<	13
4-Chlorotoluene	0.50	1.7	<	13
t-Butyl benzene	0.50	1.7	<	13
1,2,4-Trimethylbenzene	0.50	1.7	<	13
sec-Butyl benzene	0.50	1.7	<	13
1,3-Dichlorobenzene	0.50	1.7	<	13
p-Isopropyl toluene	0.50	1.7	<	13
1,4-Dichlorobenzene	0.50	1.7	<	13
n-Butyl benzene	0.50	1.7	<	13
1,2-Dichlorobenzene	0.50	1.7	<	13

Method Reference: Modified 8260

WI Lab Certification #113289110

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Fax: (608)221-4889

Approved by: M. Jenkins

Date: 9/27/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/20/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-2B (60-65')	Dilution Factor:	25
Date Collected:	09/20/07	Lab Sample Number:	43725
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	13
1,2,4-Trichlorobenzene	2.0	6.7	<	50
Hexachlorobutadiene	2.0	6.7	<	50
Naphthalene	5.0	17	<	125
1,2,3-Trichlorobenzene	2.0	6.7	<	50
Dibromofluoromethane				**101%**
Toluene-D8				**96.8%**
4-Bromofluorobenzene				**91.7%**

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by: M. Jenkins

Date: 9/21/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/20/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-2B (80-85')	Dilution Factor:	2
Date Collected:	09/20/07	Lab Sample Number:	43726
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
Dichlorodifluoromethane	0.50	1.7	<	1.0
Chloromethane	1.0	3.3	<	2.0
Vinyl Chloride	0.50	1.7	<	1.0
Bromomethane	5.0	17	<	10
Chloroethane	5.0	17	<	10
Trichlorofluoromethane	0.50	1.7	<	1.0
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	1.0
1,1-Dichloroethene	0.50	1.7	<	1.0
Acetone	20	67	<	40
Carbon Disulfide	0.50	1.7	<	1.0
Methylene Chloride	2.0	6.7	<	4.0
Methyl-t-butyl Ether	0.50	1.7	<	1.0
t-1,2-Dichloroethene	0.50	1.7	<	1.0
n-Hexane	0.50	1.7	<	1.0
1,1-Dichloroethane	0.50	1.7	<	1.0
Diisopropyl Ether	0.50	1.7	<	1.0
2,2-Dichloropropane	0.50	1.7	<	1.0
c-1,2-Dichloroethene	0.50	1.7		**11**
2-Butanone (MEK)	20	67	<	40
Tetrahydrofuran	10	33	<	20
Bromochloromethane	0.50	1.7	<	1.0
Chloroform	0.50	1.7	<	1.0
1,1,1-Trichloroethane	0.50	1.7	<	1.0
Carbon Tetrachloride	0.50	1.7	<	1.0
1,1-Dichloropropene	0.50	1.7	<	1.0
Benzene	0.50	1.7	<	1.0
1,2-Dichloroethane	0.50	1.7	<	1.0
Trichloroethene	0.50	1.7		**6.2**
1,2-Dichloropropane	0.50	1.7	<	1.0
Dibromomethane	0.50	1.7	<	1.0
Bromodichloromethane	0.50	1.7	<	1.0
c-1,3-Dichloropropene	0.50	1.7	<	1.0

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by: M. Lindberg

Date: 9/27/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/20/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-2B (80-85')	Dilution Factor:	2
Date Collected:	09/20/07	Lab Sample Number:	43726
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	<	40
Toluene	0.50	1.7	<	1.0
1,1,2-Trichloroethane	0.50	1.7	<	1.0
t-1,3-Dichloropropene	0.50	1.7	<	1.0
Tetrachloroethene	0.50	1.7		**23**
1,3-Dichloropropane	0.50	1.7	<	1.0
2-Hexanone	20	67	<	40
Dibromochloromethane	0.50	1.7	<	1.0
1,2-Dibromoethane	0.50	1.7	<	1.0
Chlorobenzene	0.50	1.7	<	1.0
1,1,1,2-Tetrachloroethane	0.50	1.7	<	1.0
Ethylbenzene	0.50	1.7	<	1.0
m+p-Xylene	0.50	1.7	<	1.0
o-Xylene	0.50	1.7	<	1.0
Styrene	0.50	1.7	<	1.0
Bromoform	0.50	1.7	<	1.0
Isopropylbenzene	0.50	1.7	<	1.0
1,1,2,2-Tetrachloroethane	0.50	1.7	<	1.0
Bromobenzene	0.50	1.7	<	1.0
1,2,3-Trichloropropane	1.0	3.3	<	2.0
n-Propyl benzene	0.50	1.7	<	1.0
2-Chlorotoluene	0.50	1.7	<	1.0
1,3,5-Trimethylbenzene	0.50	1.7	<	1.0
4-Chlorotoluene	0.50	1.7	<	1.0
t-Butyl benzene	0.50	1.7	<	1.0
1,2,4-Trimethylbenzene	0.50	1.7	<	1.0
sec-Butyl benzene	0.50	1.7	<	1.0
1,3-Dichlorobenzene	0.50	1.7	<	1.0
p-Isopropyl toluene	0.50	1.7	<	1.0
1,4-Dichlorobenzene	0.50	1.7	<	1.0
n-Butyl benzene	0.50	1.7	<	1.0
1,2-Dichlorobenzene	0.50	1.7	<	1.0

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by: [signature]

Date: 9/27/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/20/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-2B (80-85')	Dilution Factor:	2
Date Collected:	09/20/07	Lab Sample Number:	43726
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	1.0
1,2,4-Trichlorobenzene	2.0	6.7	<	4.0
Hexachlorobutadiene	2.0	6.7	<	4.0
Naphthalene	5.0	17	<	10
1,2,3-Trichlorobenzene	2.0	6.7	<	4.0
Dibromofluoromethane				**103%**
Toluene-D8				**97.8%**
4-Bromofluorobenzene				**93.3%**

Method Reference: Modified 8260

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Approved by: M. Jenkins

Date: 9/27/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/20/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-2B (100-105')	Dilution Factor:	1
Date Collected:	09/20/07	Lab Sample Number:	43727
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result	
Dichlorodifluoromethane	0.50	1.7	<	0.50	
Chloromethane	1.0	3.3	<	1.0	
Vinyl Chloride	0.50	1.7	<	0.50	
Bromomethane	5.0	17	<	5.0	
Chloroethane	5.0	17	<	5.0	
Trichlorofluoromethane	0.50	1.7	<	0.50	
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	0.50	
1,1-Dichloroethene	0.50	1.7	<	0.50	
Acetone	20	67	<	20	
Carbon Disulfide	0.50	1.7	<	0.50	
Methylene Chloride	2.0	6.7	<	2.0	
Methyl-t-butyl Ether	0.50	1.7	<	0.50	
t-1,2-Dichloroethene	0.50	1.7	<	0.50	
n-Hexane	0.50	1.7	<	0.50	
1,1-Dichloroethane	0.50	1.7	<	0.50	
Diisopropyl Ether	0.50	1.7	<	0.50	
2,2-Dichloropropane	0.50	1.7	<	0.50	
c-1,2-Dichloroethene	0.50	1.7		**1.5**	**J**
2-Butanone (MEK)	20	67	<	20	
Tetrahydrofuran	10	33	<	10	
Bromochloromethane	0.50	1.7	<	0.50	
Chloroform	0.50	1.7	<	0.50	
1,1,1-Trichloroethane	0.50	1.7	<	0.50	
Carbon Tetrachloride	0.50	1.7	<	0.50	
1,1-Dichloropropene	0.50	1.7	<	0.50	
Benzene	0.50	1.7	<	0.50	
1,2-Dichloroethane	0.50	1.7	<	0.50	
Trichloroethene	0.50	1.7		**0.65**	**J**
1,2-Dichloropropane	0.50	1.7	<	0.50	
Dibromomethane	0.50	1.7	<	0.50	
Bromodichloromethane	0.50	1.7	<	0.50	
c-1,3-Dichloropropene	0.50	1.7	<	0.50	

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by: M. Trimberger

Date: 9/27/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/20/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-2B (100-105')	Dilution Factor:	1
Date Collected:	09/20/07	Lab Sample Number:	43727
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	<	20
Toluene	0.50	1.7	<	0.50
1,1,2-Trichloroethane	0.50	1.7	<	0.50
t-1,3-Dichloropropene	0.50	1.7	<	0.50
Tetrachloroethene	0.50	1.7		**2.8**
1,3-Dichloropropane	0.50	1.7	<	0.50
2-Hexanone	20	67	<	20
Dibromochloromethane	0.50	1.7	<	0.50
1,2-Dibromoethane	0.50	1.7	<	0.50
Chlorobenzene	0.50	1.7	<	0.50
1,1,1,2-Tetrachloroethane	0.50	1.7	<	0.50
Ethylbenzene	0.50	1.7	<	0.50
m+p-Xylene	0.50	1.7	<	0.50
o-Xylene	0.50	1.7	<	0.50
Styrene	0.50	1.7	<	0.50
Bromoform	0.50	1.7	<	0.50
Isopropylbenzene	0.50	1.7	<	0.50
1,1,2,2-Tetrachloroethane	0.50	1.7	<	0.50
Bromobenzene	0.50	1.7	<	0.50
1,2,3-Trichloropropane	1.0	3.3	<	1.0
n-Propyl benzene	0.50	1.7	<	0.50
2-Chlorotoluene	0.50	1.7	<	0.50
1,3,5-Trimethylbenzene	0.50	1.7	<	0.50
4-Chlorotoluene	0.50	1.7	<	0.50
t-Butyl benzene	0.50	1.7	<	0.50
1,2,4-Trimethylbenzene	0.50	1.7	<	0.50
sec-Butyl benzene	0.50	1.7	<	0.50
1,3-Dichlorobenzene	0.50	1.7	<	0.50
p-Isopropyl toluene	0.50	1.7	<	0.50
1,4-Dichlorobenzene	0.50	1.7	<	0.50
n-Butyl benzene	0.50	1.7	<	0.50
1,2-Dichlorobenzene	0.50	1.7	<	0.50

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by: M. Swiebert

Date: 9/20/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/20/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-2B (100-105')	Dilution Factor:	1
Date Collected:	09/20/07	Lab Sample Number:	43727
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	0.50
1,2,4-Trichlorobenzene	2.0	6.7	<	2.0
Hexachlorobutadiene	2.0	6.7	<	2.0
Naphthalene	5.0	17	<	5.0
1,2,3-Trichlorobenzene	2.0	6.7	<	2.0
Dibromofluoromethane				**103%**
Toluene-D8				**96.0%**
4-Bromofluorobenzene				**93.3%**

J = Estimated.

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by: M. Jurkovac

Date: 9/27/07

Call Dave 770-5794 results

Environmental Chemistry Consulting Services, Inc.
2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY

23860.2

No. 018447 * A
Page 1 of 1

Project Number: 0451-002-800	Mail Report To: Mark McCulloch	Turn Around (circle one) Normal (Rush)	
Project Name: Thomas - DB	Company: NewFields	Report Due: ASAP	
Project Location: Fort Atkinson	Address: 2110 Luann Lane, Ste 101	Invoice To: Same	
Sampled By (Print): Dave Nemetz	Madison, WI 53713	Company:	
		Address:	
		P.O. No.:	Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
MW-8B (100-105')	9-19	10:15	GW	3	✓	VOCs	1 vial has air bubble > pea size	43724
MW-2B (60-65')	9-20	12:35	GW	3	✓	VOCs		43725
MW-2B (80-85')	9-20	2:25	GW	3	✓	VOCs		43726
MW-2B (100-105')	9-20	4:25	GW	3	✓	VOCs	Vials labeled 95'-100' ~~1 vial has air bubble > pea size~~ 9-20-07	43727

*Preservation Code A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH O=Other(Indicate)	Relinquished By: D. Nemetz	Date/Time: 9/20/07 5:08 pm.	Received By: [signature]	Date/Time: 9/20/07 5:08 pm
	Relinquished By:	Date/Time:	Received By:	Date/Time:
Custody Seal: Present/Absent	Intact/Not Intact	Seal #'s	Receipt Temp:	
Shipped Via:			Temp Blank Y N	Mike

WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER

September 24, 2007

Mark McCulloch
NewFields
2110 Luann Lane, Suite 101
Madison, WI 53713

re: Thomas D.B. - Fort Atkinson, WI - Project Number 0451-002-800

Dear Mr. McCulloch,

Enclosed you will find the analytical results for the samples collected September 21, 2007. Please feel free to call if you have any questions.

Sincerely,

Robert Osmundson
QA Manager

Enclosures
jce

Environmental Chemistry Consulting Services, Inc.
2525 Advance Road • Madison, WI 53718 • Phone (608) 221-8700 • FAX (608) 221-4889

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/22/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-3C (100-105')	Dilution Factor:	5, 500
Date Collected:	09/21/07	Lab Sample Number:	43735
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result	
Dichlorodifluoromethane	0.50	1.7	<	2.5	
Chloromethane	1.0	3.3	<	5.0	
Vinyl Chloride	0.50	1.7		**160**	
Bromomethane	5.0	17	<	25	**M**
Chloroethane	5.0	17	<	25	
Trichlorofluoromethane	0.50	1.7	<	2.5	
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	2.5	
1,1-Dichloroethene	0.50	1.7		**18**	
Acetone	20	67	<	100	
Carbon Disulfide	0.50	1.7	<	2.5	
Methylene Chloride	2.0	6.7	<	10	
Methyl-t-butyl Ether	0.50	1.7	<	2.5	
t-1,2-Dichloroethene	0.50	1.7		**110**	
n-Hexane	0.50	1.7	<	2.5	
1,1-Dichloroethane	0.50	1.7	<	2.5	
Diisopropyl Ether	0.50	1.7	<	2.5	
2,2-Dichloropropane	0.50	1.7	<	2.5	
c-1,2-Dichloroethene	0.50	1.7		**9300**	**M**
2-Butanone (MEK)	20	67	<	100	
Tetrahydrofuran	10	33	<	50	
Bromochloromethane	0.50	1.7	<	2.5	
Chloroform	0.50	1.7	<	2.5	
1,1,1-Trichloroethane	0.50	1.7	<	2.5	
Carbon Tetrachloride	0.50	1.7	<	2.5	
1,1-Dichloropropene	0.50	1.7	<	2.5	
Benzene	0.50	1.7	<	2.5	
1,2-Dichloroethane	0.50	1.7	<	2.5	
Trichloroethene	0.50	1.7		**31**	
1,2-Dichloropropane	0.50	1.7	<	2.5	
Dibromomethane	0.50	1.7	<	2.5	
Bromodichloromethane	0.50	1.7	<	2.5	
c-1,3-Dichloropropene	0.50	1.7	<	2.5	

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by: Robert Oswald

Date: 09/24/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/22/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-3C (100-105')	Dilution Factor:	5, 500
Date Collected:	09/21/07	Lab Sample Number:	43735
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	<	100
Toluene	0.50	1.7	<	2.5
1,1,2-Trichloroethane	0.50	1.7	<	2.5
t-1,3-Dichloropropene	0.50	1.7	<	2.5
Tetrachloroethene	0.50	1.7		**93**
1,3-Dichloropropane	0.50	1.7	<	2.5
2-Hexanone	20	67	<	100
Dibromochloromethane	0.50	1.7	<	2.5
1,2-Dibromoethane	0.50	1.7	<	2.5
Chlorobenzene	0.50	1.7	<	2.5
1,1,1,2-Tetrachloroethane	0.50	1.7	<	2.5
Ethylbenzene	0.50	1.7	<	2.5
m+p-Xylene	1.0	3.3	<	5.0
o-Xylene	0.50	1.7	<	2.5
Styrene	0.50	1.7	<	2.5
Bromoform	0.50	1.7	<	2.5
Isopropylbenzene	0.50	1.7	<	2.5
1,1,2,2-Tetrachloroethane	0.50	1.7	<	2.5
Bromobenzene	0.50	1.7	<	2.5
1,2,3-Trichloropropane	1.0	3.3	<	5.0
n-Propyl benzene	0.50	1.7	<	2.5
2-Chlorotoluene	0.50	1.7	<	2.5
1,3,5-Trimethylbenzene	0.50	1.7	<	2.5
4-Chlorotoluene	0.50	1.7	<	2.5
t-Butyl benzene	0.50	1.7	<	2.5
1,2,4-Trimethylbenzene	0.50	1.7	<	2.5
sec-Butyl benzene	0.50	1.7	<	2.5
1,3-Dichlorobenzene	0.50	1.7	<	2.5
p-Isopropyl toluene	0.50	1.7	<	2.5
1,4-Dichlorobenzene	0.50	1.7	<	2.5
n-Butyl benzene	0.50	1.7	<	2.5
1,2-Dichlorobenzene	0.50	1.7	<	2.5

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by: Robert Arndt

Date: 09/24/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/22/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-3C (100-105')	Dilution Factor:	5, 500
Date Collected:	09/21/07	Lab Sample Number:	43735
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	2.5
1,2,4-Trichlorobenzene	2.0	6.7	<	10
Hexachlorobutadiene	2.0	6.7	<	10
Naphthalene	5.0	17	<	25
1,2,3-Trichlorobenzene	2.0	6.7	<	10
Dibromofluoromethane				**103%**
Toluene-D8				**96.2%**
4-Bromofluorobenzene				**96.6%**

M = Matrix Spike and/or Matrix Spike Duplicate recovery was outside acceptance limits.

Method Reference: Modified 8260

WI Lab Certification #113289110

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Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Robert Oswald

Date: 09/24/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/22/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-3C (120-125')	Dilution Factor:	3, 40
Date Collected:	09/21/07	Lab Sample Number:	43736
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
Dichlorodifluoromethane	0.50	1.7	<	1.5
Chloromethane	1.0	3.3	<	3.0
Vinyl Chloride	0.50	1.7		**8.2**
Bromomethane	5.0	17	<	15
Chloroethane	5.0	17	<	15
Trichlorofluoromethane	0.50	1.7	<	1.5
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	1.5
1,1-Dichloroethene	0.50	1.7	<	1.5
Acetone	20	67	<	60
Carbon Disulfide	0.50	1.7	<	1.5
Methylene Chloride	2.0	6.7	<	6.0
Methyl-t-butyl Ether	0.50	1.7	<	1.5
t-1,2-Dichloroethene	0.50	1.7		**12**
n-Hexane	0.50	1.7	<	1.5
1,1-Dichloroethane	0.50	1.7	<	1.5
Diisopropyl Ether	0.50	1.7	<	1.5
2,2-Dichloropropane	0.50	1.7	<	1.5
c-1,2-Dichloroethene	0.50	1.7		**1000**
2-Butanone (MEK)	20	67	<	60
Tetrahydrofuran	10	33	<	30
Bromochloromethane	0.50	1.7	<	1.5
Chloroform	0.50	1.7	<	1.5
1,1,1-Trichloroethane	0.50	1.7	<	1.5
Carbon Tetrachloride	0.50	1.7	<	1.5
1,1-Dichloropropene	0.50	1.7	<	1.5
Benzene	0.50	1.7	<	1.5
1,2-Dichloroethane	0.50	1.7	<	1.5
Trichloroethene	0.50	1.7		**13**
1,2-Dichloropropane	0.50	1.7	<	1.5
Dibromomethane	0.50	1.7	<	1.5
Bromodichloromethane	0.50	1.7	<	1.5
c-1,3-Dichloropropene	0.50	1.7	<	1.5

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by: Robert Oswald

Date: 09/24/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/22/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-3C (120-125')	Dilution Factor:	3, 40
Date Collected:	09/21/07	Lab Sample Number:	43736
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	<	60
Toluene	0.50	1.7	<	1.5
1,1,2-Trichloroethane	0.50	1.7	<	1.5
t-1,3-Dichloropropene	0.50	1.7	<	1.5
Tetrachloroethene	0.50	1.7		**35**
1,3-Dichloropropane	0.50	1.7	<	1.5
2-Hexanone	20	67	<	60
Dibromochloromethane	0.50	1.7	<	1.5
1,2-Dibromoethane	0.50	1.7	<	1.5
Chlorobenzene	0.50	1.7	<	1.5
1,1,1,2-Tetrachloroethane	0.50	1.7	<	1.5
Ethylbenzene	0.50	1.7	<	1.5
m+p-Xylene	1.0	3.3	<	3.0
o-Xylene	0.50	1.7	<	1.5
Styrene	0.50	1.7	<	1.5
Bromoform	0.50	1.7	<	1.5
Isopropylbenzene	0.50	1.7	<	1.5
1,1,2,2-Tetrachloroethane	0.50	1.7	<	1.5
Bromobenzene	0.50	1.7	<	1.5
1,2,3-Trichloropropane	1.0	3.3	<	3.0
n-Propyl benzene	0.50	1.7	<	1.5
2-Chlorotoluene	0.50	1.7	<	1.5
1,3,5-Trimethylbenzene	0.50	1.7	<	1.5
4-Chlorotoluene	0.50	1.7	<	1.5
t-Butyl benzene	0.50	1.7	<	1.5
1,2,4-Trimethylbenzene	0.50	1.7	<	1.5
sec-Butyl benzene	0.50	1.7	<	1.5
1,3-Dichlorobenzene	0.50	1.7	<	1.5
p-Isopropyl toluene	0.50	1.7	<	1.5
1,4-Dichlorobenzene	0.50	1.7	<	1.5
n-Butyl benzene	0.50	1.7	<	1.5
1,2-Dichlorobenzene	0.50	1.7	<	1.5

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by: Robert Arndt

Date: 09/24/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/22/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-3C (120-125')	Dilution Factor:	3, 40
Date Collected:	09/21/07	Lab Sample Number:	43736
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	1.5
1,2,4-Trichlorobenzene	2.0	6.7	<	6.0
Hexachlorobutadiene	2.0	6.7	<	6.0
Naphthalene	5.0	17	<	15
1,2,3-Trichlorobenzene	2.0	6.7	<	6.0
Dibromofluoromethane				**108%**
Toluene-D8				**97.1%**
4-Bromofluorobenzene				**94.7%**

Method Reference: Modified 8260

WI Lab Certification #113289110

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Phone: (608)221-8700
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Approved by: Robert Crunk

Date: 09/24/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/22/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-3C (130-135')	Dilution Factor:	1, 25
Date Collected:	09/21/07	Lab Sample Number:	43737
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
Dichlorodifluoromethane	0.50	1.7	<	0.50
Chloromethane	1.0	3.3	<	1.0
Vinyl Chloride	0.50	1.7		**2.1**
Bromomethane	5.0	17	<	5.0
Chloroethane	5.0	17	<	5.0
Trichlorofluoromethane	0.50	1.7	<	0.50
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	0.50
1,1-Dichloroethene	0.50	1.7	<	0.50
Acetone	20	67	<	20
Carbon Disulfide	0.50	1.7	<	0.50
Methylene Chloride	2.0	6.7	<	2.0
Methyl-t-butyl Ether	0.50	1.7	<	0.50
t-1,2-Dichloroethene	0.50	1.7		**4.1**
n-Hexane	0.50	1.7	<	0.50
1,1-Dichloroethane	0.50	1.7	<	0.50
Diisopropyl Ether	0.50	1.7	<	0.50
2,2-Dichloropropane	0.50	1.7	<	0.50
c-1,2-Dichloroethene	0.50	1.7		**530**
2-Butanone (MEK)	20	67	<	20
Tetrahydrofuran	10	33	<	10
Bromochloromethane	0.50	1.7	<	0.50
Chloroform	0.50	1.7	<	0.50
1,1,1-Trichloroethane	0.50	1.7	<	0.50
Carbon Tetrachloride	0.50	1.7	<	0.50
1,1-Dichloropropene	0.50	1.7	<	0.50
Benzene	0.50	1.7	<	0.50
1,2-Dichloroethane	0.50	1.7	<	0.50
Trichloroethene	0.50	1.7		**5.4**
1,2-Dichloropropane	0.50	1.7	<	0.50
Dibromomethane	0.50	1.7	<	0.50
Bromodichloromethane	0.50	1.7	<	0.50
c-1,3-Dichloropropene	0.50	1.7	<	0.50

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by: Robert Oswald

Date: 09/24/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/22/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-3C (130-135')	Dilution Factor:	1, 25
Date Collected:	09/21/07	Lab Sample Number:	43737
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	<	20
Toluene	0.50	1.7	<	0.50
1,1,2-Trichloroethane	0.50	1.7	<	0.50
t-1,3-Dichloropropene	0.50	1.7	<	0.50
Tetrachloroethene	0.50	1.7		**12**
1,3-Dichloropropane	0.50	1.7	<	0.50
2-Hexanone	20	67	<	20
Dibromochloromethane	0.50	1.7	<	0.50
1,2-Dibromoethane	0.50	1.7	<	0.50
Chlorobenzene	0.50	1.7	<	0.50
1,1,1,2-Tetrachloroethane	0.50	1.7	<	0.50
Ethylbenzene	0.50	1.7	<	0.50
m+p-Xylene	1.0	3.3	<	1.0
o-Xylene	0.50	1.7	<	0.50
Styrene	0.50	1.7	<	0.50
Bromoform	0.50	1.7	<	0.50
Isopropylbenzene	0.50	1.7	<	0.50
1,1,2,2-Tetrachloroethane	0.50	1.7	<	0.50
Bromobenzene	0.50	1.7	<	0.50
1,2,3-Trichloropropane	1.0	3.3	<	1.0
n-Propyl benzene	0.50	1.7	<	0.50
2-Chlorotoluene	0.50	1.7	<	0.50
1,3,5-Trimethylbenzene	0.50	1.7	<	0.50
4-Chlorotoluene	0.50	1.7	<	0.50
t-Butyl benzene	0.50	1.7	<	0.50
1,2,4-Trimethylbenzene	0.50	1.7	<	0.50
sec-Butyl benzene	0.50	1.7	<	0.50
1,3-Dichlorobenzene	0.50	1.7	<	0.50
p-Isopropyl toluene	0.50	1.7	<	0.50
1,4-Dichlorobenzene	0.50	1.7	<	0.50
n-Butyl benzene	0.50	1.7	<	0.50
1,2-Dichlorobenzene	0.50	1.7	<	0.50

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by: Robert Oswald

Date: 09/24/07

8260 VOCs
Summary of Test Results

Project Name:	Thomas - D.B.	Date Analyzed:	09/22/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-3C (130-135')	Dilution Factor:	1, 25
Date Collected:	09/21/07	Lab Sample Number:	43737
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	0.50
1,2,4-Trichlorobenzene	2.0	6.7	<	2.0
Hexachlorobutadiene	2.0	6.7	<	2.0
Naphthalene	5.0	17	<	5.0
1,2,3-Trichlorobenzene	2.0	6.7	<	2.0
Dibromofluoromethane				**105%**
Toluene-D8				**97.2%**
4-Bromofluorobenzene				**94.3%**

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by: Robert Amrhein

Date: 09/24/07

Derek ~~Call D... 770 5794~~ w/ results

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY

23863

No. 018448 *

Page 1 of 1

Turn Around (circle one) Normal (Rush)

Report Due: ASAP

Project Number: 0451-002-800	Mail Report To: Mark McCullock
Project Name: Thomas-DB	Company: NewFields
Project Location: Fort Atkinson	Address: 2110 Luann Lane, Ste 101
Sampled By (Print): Dave Nemetz	Madison, WI 53713

Invoice To:
Company: Same
Address:
P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
MW-3C (100-105')	9-21	2:15	GW	3	✓	VOCs		43735
MW-3C (120-125')	9-21	4:20	GW	3	✓	VOCs		43736
MW-3C (~~140-145'~~) 130-135' DN.	9-21	6:20	GW	3	✓	VOCs		43737

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By:	Date/Time:	Received By:	Date/Time:
D Nemetz	9/21/07 7:30pm	C Aerstaetts	9/21/07 730PM
Relinquished By:	Date/Time:	Received By:	Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s
Shipped Via:
Receipt Temp:
Temp Blank Y N Mike

WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER

Appendix C

Laboratory Reports
October 2007 Groundwater Samples

November 2, 2007

Mark McCulloch
NewFields
2110 Luann Lane, Suite 101
Madison, WI 53713

re: DB Oak - Fort Atkinson, WI - Project Number 0451-003-800

Dear Mr. McCulloch,

Enclosed you will find the analytical results for the samples collected October 25 and October 26, 2007. Please feel free to call if you have any questions.

Sincerely,

Robert Osmundson
QA Manager

Enclosures
jll

Environmental Chemistry Consulting Services, Inc.
2525 Advance Road • Madison, WI 53718 • Phone (608) 221-8700 • FAX (608) 221-4889

8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-1	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-01
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
Dichlorodifluoromethane	0.50	1.7	<	0.50
Chloromethane	1.0	3.3	<	1.0
Vinyl Chloride	0.50	1.7	<	0.50
Bromomethane	5.0	17	<	5.0
Chloroethane	5.0	17	<	5.0
Trichlorofluoromethane	0.50	1.7	<	0.50
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	0.50
1,1-Dichloroethene	0.50	1.7	<	0.50
Acetone	20	67	<	20
Carbon Disulfide	0.50	1.7	<	0.50
Methylene Chloride	2.0	6.7	<	2.0
Methyl-t-butyl Ether	0.50	1.7	<	0.50
t-1,2-Dichloroethene	0.50	1.7	<	0.50
n-Hexane	0.50	1.7	<	0.50
1,1-Dichloroethane	0.50	1.7	<	0.50
Diisopropyl Ether	0.50	1.7	<	0.50
2,2-Dichloropropane	0.50	1.7	<	0.50
c-1,2-Dichloroethene	0.50	1.7	<	0.50
2-Butanone (MEK)	20	67	<	20
Tetrahydrofuran	10	33	<	10
Bromochloromethane	0.50	1.7	<	0.50
Chloroform	0.50	1.7	<	0.50
1,1,1-Trichloroethane	0.50	1.7	<	0.50
Carbon Tetrachloride	0.50	1.7	<	0.50
1,1-Dichloropropene	0.50	1.7	<	0.50
Benzene	0.50	1.7	<	0.50
1,2-Dichloroethane	0.50	1.7	<	0.50
Trichloroethene	0.50	1.7	<	0.50
1,2-Dichloropropane	0.50	1.7	<	0.50
Dibromomethane	0.50	1.7	<	0.50
Bromodichloromethane	0.50	1.7	<	0.50
c-1,3-Dichloropropene	0.50	1.7	<	0.50

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by:

Date: 08 NOV 07

8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-1	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-01
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	<	20
Toluene	0.50	1.7	<	0.50
1,1,2-Trichloroethane	0.50	1.7	<	0.50
t-1,3-Dichloropropene	0.50	1.7	<	0.50
Tetrachloroethene	0.50	1.7	<	0.50
1,3-Dichloropropane	0.50	1.7	<	0.50
2-Hexanone	20	67	<	20
Dibromochloromethane	0.50	1.7	<	0.50
1,2-Dibromoethane	0.50	1.7	<	0.50
Chlorobenzene	0.50	1.7	<	0.50
1,1,1,2-Tetrachloroethane	0.50	1.7	<	0.50
Ethylbenzene	0.50	1.7	<	0.50
m+p-Xylene	1.0	3.3	<	1.0
o-Xylene	0.50	1.7	<	0.50
Styrene	0.50	1.7	<	0.50
Bromoform	0.50	1.7	<	0.50
Isopropylbenzene	0.50	1.7	<	0.50
1,1,2,2-Tetrachloroethane	0.50	1.7	<	0.50
Bromobenzene	0.50	1.7	<	0.50
1,2,3-Trichloropropane	1.0	3.3	<	1.0
n-Propyl benzene	0.50	1.7	<	0.50
2-Chlorotoluene	0.50	1.7	<	0.50
1,3,5-Trimethylbenzene	0.50	1.7	<	0.50
4-Chlorotoluene	0.50	1.7	<	0.50
t-Butyl benzene	0.50	1.7	<	0.50
1,2,4-Trimethylbenzene	0.50	1.7	<	0.50
sec-Butyl benzene	0.50	1.7	<	0.50
1,3-Dichlorobenzene	0.50	1.7	<	0.50
p-Isopropyl toluene	0.50	1.7	<	0.50
1,4-Dichlorobenzene	0.50	1.7	<	0.50
n-Butyl benzene	0.50	1.7	<	0.50
1,2-Dichlorobenzene	0.50	1.7	<	0.50

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by: R Olson

Date: 08/2007

8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-1	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-01
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	0.50
1,2,4-Trichlorobenzene	2.0	6.7	<	2.0
Hexachlorobutadiene	2.0	6.7	<	2.0
Naphthalene	5.0	17	<	5.0
1,2,3-Trichlorobenzene	2.0	6.7	<	2.0
Dibromofluoromethane				**102%**
Toluene-D8				**102%**
4-Bromofluorobenzene				**101%**

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by: R Jalvon

Date: 08 NOV 07

8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-2	Dilution Factor:	50
Date Collected:	10/26/07	Lab Sample Number:	0710055-14
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result	
Dichlorodifluoromethane	0.50	1.7	<	25	
Chloromethane	1.0	3.3	<	50	
Vinyl Chloride	0.50	1.7		**27**	**J**
Bromomethane	5.0	17	<	250	
Chloroethane	5.0	17	<	250	
Trichlorofluoromethane	0.50	1.7	<	25	
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	25	
1,1-Dichloroethene	0.50	1.7	<	25	
Acetone	20	67	<	1000	
Carbon Disulfide	0.50	1.7	<	25	
Methylene Chloride	2.0	6.7	<	100	
Methyl-t-butyl Ether	0.50	1.7	<	25	
t-1,2-Dichloroethene	0.50	1.7	<	25	
n-Hexane	0.50	1.7	<	25	
1,1-Dichloroethane	0.50	1.7	<	25	
Diisopropyl Ether	0.50	1.7	<	25	
2,2-Dichloropropane	0.50	1.7	<	25	
c-1,2-Dichloroethene	0.50	1.7		**1800**	
2-Butanone (MEK)	20	67	<	1000	
Tetrahydrofuran	10	33	<	500	
Bromochloromethane	0.50	1.7	<	25	
Chloroform	0.50	1.7	<	25	
1,1,1-Trichloroethane	0.50	1.7	<	25	
Carbon Tetrachloride	0.50	1.7	<	25	
1,1-Dichloropropene	0.50	1.7	<	25	
Benzene	0.50	1.7	<	25	
1,2-Dichloroethane	0.50	1.7	<	25	
Trichloroethene	0.50	1.7		**520**	
1,2-Dichloropropane	0.50	1.7	<	25	
Dibromomethane	0.50	1.7	<	25	
Bromodichloromethane	0.50	1.7	<	25	
c-1,3-Dichloropropene	0.50	1.7	<	25	

Method Reference: Modified 8260

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Date: 11/2/07

8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-2	Dilution Factor:	50
Date Collected:	10/26/07	Lab Sample Number:	0710055-14
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	<	1000
Toluene	0.50	1.7	<	25
1,1,2-Trichloroethane	0.50	1.7	<	25
t-1,3-Dichloropropene	0.50	1.7	<	25
Tetrachloroethene	0.50	1.7	<	25
1,3-Dichloropropane	0.50	1.7	<	25
2-Hexanone	20	67	<	1000
Dibromochloromethane	0.50	1.7	<	25
1,2-Dibromoethane	0.50	1.7	<	25
Chlorobenzene	0.50	1.7	<	25
1,1,1,2-Tetrachloroethane	0.50	1.7	<	25
Ethylbenzene	0.50	1.7	<	25
m+p-Xylene	1.0	3.3	<	50
o-Xylene	0.50	1.7	<	25
Styrene	0.50	1.7	<	25
Bromoform	0.50	1.7	<	25
Isopropylbenzene	0.50	1.7	<	25
1,1,2,2-Tetrachloroethane	0.50	1.7	<	25
Bromobenzene	0.50	1.7	<	25
1,2,3-Trichloropropane	1.0	3.3	<	50
n-Propyl benzene	0.50	1.7	<	25
2-Chlorotoluene	0.50	1.7	<	25
1,3,5-Trimethylbenzene	0.50	1.7	<	25
4-Chlorotoluene	0.50	1.7	<	25
t-Butyl benzene	0.50	1.7	<	25
1,2,4-Trimethylbenzene	0.50	1.7	<	25
sec-Butyl benzene	0.50	1.7	<	25
1,3-Dichlorobenzene	0.50	1.7	<	25
p-Isopropyl toluene	0.50	1.7	<	25
1,4-Dichlorobenzene	0.50	1.7	<	25
n-Butyl benzene	0.50	1.7	<	25
1,2-Dichlorobenzene	0.50	1.7	<	25

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-2	Dilution Factor:	50
Date Collected:	10/26/07	Lab Sample Number:	0710055-14
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	25
1,2,4-Trichlorobenzene	2.0	6.7	<	100
Hexachlorobutadiene	2.0	6.7	<	100
Naphthalene	5.0	17	<	250
1,2,3-Trichlorobenzene	2.0	6.7	<	100
Dibromofluoromethane				**104%**
Toluene-D8				**103%**
4-Bromofluorobenzene				**101%**

J = Estimated.

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-2A	Dilution Factor:	50
Date Collected:	10/26/07	Lab Sample Number:	0710055-15
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
Dichlorodifluoromethane	0.50	1.7	<	25
Chloromethane	1.0	3.3	<	50
Vinyl Chloride	0.50	1.7	<	25
Bromomethane	5.0	17	<	250
Chloroethane	5.0	17	<	250
Trichlorofluoromethane	0.50	1.7	<	25
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	25
1,1-Dichloroethene	0.50	1.7	<	25
Acetone	20	67	<	1000
Carbon Disulfide	0.50	1.7	<	25
Methylene Chloride	2.0	6.7	<	100
Methyl-t-butyl Ether	0.50	1.7	<	25
t-1,2-Dichloroethene	0.50	1.7	<	25
n-Hexane	0.50	1.7	<	25
1,1-Dichloroethane	0.50	1.7	<	25
Diisopropyl Ether	0.50	1.7	<	25
2,2-Dichloropropane	0.50	1.7	<	25
c-1,2-Dichloroethene	0.50	1.7		**1800**
2-Butanone (MEK)	20	67	<	1000
Tetrahydrofuran	10	33	<	500
Bromochloromethane	0.50	1.7	<	25
Chloroform	0.50	1.7	<	25
1,1,1-Trichloroethane	0.50	1.7	<	25
Carbon Tetrachloride	0.50	1.7	<	25
1,1-Dichloropropene	0.50	1.7	<	25
Benzene	0.50	1.7	<	25
1,2-Dichloroethane	0.50	1.7	<	25
Trichloroethene	0.50	1.7		**530**
1,2-Dichloropropane	0.50	1.7	<	25
Dibromomethane	0.50	1.7	<	25
Bromodichloromethane	0.50	1.7	<	25
c-1,3-Dichloropropene	0.50	1.7	<	25

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-2A	Dilution Factor:	50
Date Collected:	10/26/07	Lab Sample Number:	0710055-15
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	<	1000
Toluene	0.50	1.7	<	25
1,1,2-Trichloroethane	0.50	1.7	<	25
t-1,3-Dichloropropene	0.50	1.7	<	25
Tetrachloroethene	0.50	1.7		**360**
1,3-Dichloropropane	0.50	1.7	<	25
2-Hexanone	20	67	<	1000
Dibromochloromethane	0.50	1.7	<	25
1,2-Dibromoethane	0.50	1.7	<	25
Chlorobenzene	0.50	1.7	<	25
1,1,1,2-Tetrachloroethane	0.50	1.7	<	25
Ethylbenzene	0.50	1.7	<	25
m+p-Xylene	1.0	3.3	<	50
o-Xylene	0.50	1.7	<	25
Styrene	0.50	1.7	<	25
Bromoform	0.50	1.7	<	25
Isopropylbenzene	0.50	1.7	<	25
1,1,2,2-Tetrachloroethane	0.50	1.7	<	25
Bromobenzene	0.50	1.7	<	25
1,2,3-Trichloropropane	1.0	3.3	<	50
n-Propyl benzene	0.50	1.7	<	25
2-Chlorotoluene	0.50	1.7	<	25
1,3,5-Trimethylbenzene	0.50	1.7	<	25
4-Chlorotoluene	0.50	1.7	<	25
t-Butyl benzene	0.50	1.7	<	25
1,2,4-Trimethylbenzene	0.50	1.7	<	25
sec-Butyl benzene	0.50	1.7	<	25
1,3-Dichlorobenzene	0.50	1.7	<	25
p-Isopropyl toluene	0.50	1.7	<	25
1,4-Dichlorobenzene	0.50	1.7	<	25
n-Butyl benzene	0.50	1.7	<	25
1,2-Dichlorobenzene	0.50	1.7	<	25

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-2A	Dilution Factor:	50
Date Collected:	10/26/07	Lab Sample Number:	0710055-15
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	25
1,2,4-Trichlorobenzene	2.0	6.7	<	100
Hexachlorobutadiene	2.0	6.7	<	100
Naphthalene	5.0	17	<	250
1,2,3-Trichlorobenzene	2.0	6.7	<	100
Dibromofluoromethane				**105%**
Toluene-D8				**99.8%**
4-Bromofluorobenzene				**102%**

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-2B	Dilution Factor:	1
Date Collected:	10/26/07	Lab Sample Number:	0710055-16
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
Dichlorodifluoromethane	0.50	1.7	<	0.50
Chloromethane	1.0	3.3	<	1.0
Vinyl Chloride	0.50	1.7	<	0.50
Bromomethane	5.0	17	<	5.0
Chloroethane	5.0	17	<	5.0
Trichlorofluoromethane	0.50	1.7	<	0.50
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	0.50
1,1-Dichloroethene	0.50	1.7	<	0.50
Acetone	20	67	<	20
Carbon Disulfide	0.50	1.7	<	0.50
Methylene Chloride	2.0	6.7	<	2.0
Methyl-t-butyl Ether	0.50	1.7	<	0.50
t-1,2-Dichloroethene	0.50	1.7	<	0.50
n-Hexane	0.50	1.7	<	0.50
1,1-Dichloroethane	0.50	1.7	<	0.50
Diisopropyl Ether	0.50	1.7	<	0.50
2,2-Dichloropropane	0.50	1.7	<	0.50
c-1,2-Dichloroethene	0.50	1.7		**19**
2-Butanone (MEK)	20	67	<	20
Tetrahydrofuran	10	33	<	10
Bromochloromethane	0.50	1.7	<	0.50
Chloroform	0.50	1.7	<	0.50
1,1,1-Trichloroethane	0.50	1.7	<	0.50
Carbon Tetrachloride	0.50	1.7	<	0.50
1,1-Dichloropropene	0.50	1.7	<	0.50
Benzene	0.50	1.7	<	0.50
1,2-Dichloroethane	0.50	1.7	<	0.50
Trichloroethene	0.50	1.7		**6.2**
1,2-Dichloropropane	0.50	1.7	<	0.50
Dibromomethane	0.50	1.7	<	0.50
Bromodichloromethane	0.50	1.7	<	0.50
c-1,3-Dichloropropene	0.50	1.7	<	0.50

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-2B	Dilution Factor:	1
Date Collected:	10/26/07	Lab Sample Number:	0710055-16
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	<	20
Toluene	0.50	1.7	<	0.50
1,1,2-Trichloroethane	0.50	1.7	<	0.50
t-1,3-Dichloropropene	0.50	1.7	<	0.50
Tetrachloroethene	0.50	1.7		**15**
1,3-Dichloropropane	0.50	1.7	<	0.50
2-Hexanone	20	67	<	20
Dibromochloromethane	0.50	1.7	<	0.50
1,2-Dibromoethane	0.50	1.7	<	0.50
Chlorobenzene	0.50	1.7	<	0.50
1,1,1,2-Tetrachloroethane	0.50	1.7	<	0.50
Ethylbenzene	0.50	1.7	<	0.50
m+p-Xylene	1.0	3.3	<	1.0
o-Xylene	0.50	1.7	<	0.50
Styrene	0.50	1.7	<	0.50
Bromoform	0.50	1.7	<	0.50
Isopropylbenzene	0.50	1.7	<	0.50
1,1,2,2-Tetrachloroethane	0.50	1.7	<	0.50
Bromobenzene	0.50	1.7	<	0.50
1,2,3-Trichloropropane	1.0	3.3	<	1.0
n-Propyl benzene	0.50	1.7	<	0.50
2-Chlorotoluene	0.50	1.7	<	0.50
1,3,5-Trimethylbenzene	0.50	1.7	<	0.50
4-Chlorotoluene	0.50	1.7	<	0.50
t-Butyl benzene	0.50	1.7	<	0.50
1,2,4-Trimethylbenzene	0.50	1.7	<	0.50
sec-Butyl benzene	0.50	1.7	<	0.50
1,3-Dichlorobenzene	0.50	1.7	<	0.50
p-Isopropyl toluene	0.50	1.7	<	0.50
1,4-Dichlorobenzene	0.50	1.7	<	0.50
n-Butyl benzene	0.50	1.7	<	0.50
1,2-Dichlorobenzene	0.50	1.7	<	0.50

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-2B	Dilution Factor:	1
Date Collected:	10/26/07	Lab Sample Number:	0710055-16
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	0.50
1,2,4-Trichlorobenzene	2.0	6.7	<	2.0
Hexachlorobutadiene	2.0	6.7	<	2.0
Naphthalene	5.0	17	<	5.0
1,2,3-Trichlorobenzene	2.0	6.7	<	2.0
Dibromofluoromethane				**103%**
Toluene-D8				**101%**
4-Bromofluorobenzene				**105%**

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-3	Dilution Factor:	400
Date Collected:	10/26/07	Lab Sample Number:	0710055-18
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
Dichlorodifluoromethane	0.50	1.7	<	200
Chloromethane	1.0	3.3	<	400
Vinyl Chloride	0.50	1.7		**710**
Bromomethane	5.0	17	<	2000
Chloroethane	5.0	17	<	2000
Trichlorofluoromethane	0.50	1.7	<	200
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	200
1,1-Dichloroethene	0.50	1.7	<	200
Acetone	20	67	<	8000
Carbon Disulfide	0.50	1.7	<	200
Methylene Chloride	2.0	6.7	<	800
Methyl-t-butyl Ether	0.50	1.7	<	200
t-1,2-Dichloroethene	0.50	1.7	<	200
n-Hexane	0.50	1.7	<	200
1,1-Dichloroethane	0.50	1.7	<	200
Diisopropyl Ether	0.50	1.7	<	200
2,2-Dichloropropane	0.50	1.7	<	200
c-1,2-Dichloroethene	0.50	1.7		**5800**
2-Butanone (MEK)	20	67	<	8000
Tetrahydrofuran	10	33	<	4000
Bromochloromethane	0.50	1.7	<	200
Chloroform	0.50	1.7	<	200
1,1,1-Trichloroethane	0.50	1.7	<	200
Carbon Tetrachloride	0.50	1.7	<	200
1,1-Dichloropropene	0.50	1.7	<	200
Benzene	0.50	1.7	<	200
1,2-Dichloroethane	0.50	1.7	<	200
Trichloroethene	0.50	1.7		**3300**
1,2-Dichloropropane	0.50	1.7	<	200
Dibromomethane	0.50	1.7	<	200
Bromodichloromethane	0.50	1.7	<	200
c-1,3-Dichloropropene	0.50	1.7	<	200

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-3	Dilution Factor:	400
Date Collected:	10/26/07	Lab Sample Number:	0710055-18
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result	
4-Methyl-2-pentanone (MIBK)	20	67	<	8000	
Toluene	0.50	1.7	<	200	
1,1,2-Trichloroethane	0.50	1.7		**400**	**J**
t-1,3-Dichloropropene	0.50	1.7	<	200	
Tetrachloroethene	0.50	1.7		**10000**	
1,3-Dichloropropane	0.50	1.7	<	200	
2-Hexanone	20	67	<	8000	
Dibromochloromethane	0.50	1.7	<	200	
1,2-Dibromoethane	0.50	1.7	<	200	
Chlorobenzene	0.50	1.7	<	200	
1,1,1,2-Tetrachloroethane	0.50	1.7	<	200	
Ethylbenzene	0.50	1.7	<	200	
m+p-Xylene	1.0	3.3	<	400	
o-Xylene	0.50	1.7	<	200	
Styrene	0.50	1.7	<	200	
Bromoform	0.50	1.7	<	200	
Isopropylbenzene	0.50	1.7	<	200	
1,1,2,2-Tetrachloroethane	0.50	1.7	<	200	
Bromobenzene	0.50	1.7	<	200	
1,2,3-Trichloropropane	1.0	3.3	<	400	
n-Propyl benzene	0.50	1.7	<	200	
2-Chlorotoluene	0.50	1.7	<	200	
1,3,5-Trimethylbenzene	0.50	1.7	<	200	
4-Chlorotoluene	0.50	1.7	<	200	
t-Butyl benzene	0.50	1.7	<	200	
1,2,4-Trimethylbenzene	0.50	1.7	<	200	
sec-Butyl benzene	0.50	1.7	<	200	
1,3-Dichlorobenzene	0.50	1.7	<	200	
p-Isopropyl toluene	0.50	1.7	<	200	
1,4-Dichlorobenzene	0.50	1.7	<	200	
n-Butyl benzene	0.50	1.7	<	200	
1,2-Dichlorobenzene	0.50	1.7	<	200	

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-3	Dilution Factor:	400
Date Collected:	10/26/07	Lab Sample Number:	0710055-18
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	200
1,2,4-Trichlorobenzene	2.0	6.7	<	800
Hexachlorobutadiene	2.0	6.7	<	800
Naphthalene	5.0	17	<	2000
1,2,3-Trichlorobenzene	2.0	6.7	<	800
Dibromofluoromethane				**105%**
Toluene-D8				**100%**
4-Bromofluorobenzene				**99.9%**

J = Estimated.

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

REVISED REPORT

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-3A	Dilution Factor:	250
Date Collected:	10/26/07	Lab Sample Number:	0710055-19
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result	
Dichlorodifluoromethane	0.50	1.7	<	125	
Chloromethane	1.0	3.3	<	250	
Vinyl Chloride	0.50	1.7		**520**	
Bromomethane	5.0	17	<	1250	
Chloroethane	5.0	17	<	1250	
Trichlorofluoromethane	0.50	1.7	<	125	
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	125	
1,1-Dichloroethene	0.50	1.7	<	125	
Acetone	20	67	<	5000	
Carbon Disulfide	0.50	1.7	<	125	
Methylene Chloride	2.0	6.7	<	500	
Methyl-t-butyl Ether	0.50	1.7	<	125	
t-1,2-Dichloroethene	0.50	1.7		**190**	**J**
n-Hexane	0.50	1.7	<	125	
1,1-Dichloroethane	0.50	1.7	<	125	
Diisopropyl Ether	0.50	1.7	<	125	
2,2-Dichloropropane	0.50	1.7	<	125	
c-1,2-Dichloroethene	0.50	1.7		**11000**	
2-Butanone (MEK)	20	67	<	5000	
Tetrahydrofuran	10	33	<	2500	
Bromochloromethane	0.50	1.7	<	125	
Chloroform	0.50	1.7	<	125	
1,1,1-Trichloroethane	0.50	1.7	<	125	
Carbon Tetrachloride	0.50	1.7	<	125	
1,1-Dichloropropene	0.50	1.7	<	125	
Benzene	0.50	1.7	<	125	
1,2-Dichloroethane	0.50	1.7	<	125	
Trichloroethene	0.50	1.7		**1500**	
1,2-Dichloropropane	0.50	1.7	<	125	
Dibromomethane	0.50	1.7	<	125	

Method Reference: Modified 8260

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Date: 08/00/07

8260 VOCs
Summary of Test Results

REVISED REPORT

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-3A	Dilution Factor:	250
Date Collected:	10/26/07	Lab Sample Number:	0710055-19
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
Bromodichloromethane	0.50	1.7	<	125
c-1,3-Dichloropropene	0.50	1.7	<	125
4-Methyl-2-pentanone (MIBK)	20	67	<	5000
Toluene	0.50	1.7	<	125
1,1,2-Trichloroethane	0.50	1.7	<	125
t-1,3-Dichloropropene	0.50	1.7	<	125
Tetrachloroethene	0.50	1.7		**2100**
1,3-Dichloropropane	0.50	1.7	<	125
2-Hexanone	20	67	<	5000
Dibromochloromethane	0.50	1.7	<	125
1,2-Dibromoethane	0.50	1.7	<	125
Chlorobenzene	0.50	1.7	<	125
1,1,1,2-Tetrachloroethane	0.50	1.7	<	125
Ethylbenzene	0.50	1.7	<	125
m+p-Xylene	1.0	3.3	<	250
o-Xylene	0.50	1.7	<	125
Styrene	0.50	1.7	<	125
Bromoform	0.50	1.7	<	125
Isopropylbenzene	0.50	1.7	<	125
1,1,2,2-Tetrachloroethane	0.50	1.7	<	125
Bromobenzene	0.50	1.7	<	125
1,2,3-Trichloropropane	1.0	3.3	<	250
n-Propyl benzene	0.50	1.7	<	125
2-Chlorotoluene	0.50	1.7	<	125
1,3,5-Trimethylbenzene	0.50	1.7	<	125
4-Chlorotoluene	0.50	1.7	<	125
t-Butyl benzene	0.50	1.7	<	125
1,2,4-Trimethylbenzene	0.50	1.7	<	125
sec-Butyl benzene	0.50	1.7	<	125
1,3-Dichlorobenzene	0.50	1.7	<	125
p-Isopropyl toluene	0.50	1.7	<	125

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

REVISED REPORT

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-3A	Dilution Factor:	250
Date Collected:	10/26/07	Lab Sample Number:	0710055-19
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,4-Dichlorobenzene	0.50	1.7	<	125
n-Butyl benzene	0.50	1.7	<	125
1,2-Dichlorobenzene	0.50	1.7	<	125
1,2-Dibromo-3-chloropropane	0.50	1.7	<	125
1,2,4-Trichlorobenzene	2.0	6.7	<	500
Hexachlorobutadiene	2.0	6.7	<	500
Naphthalene	5.0	17	<	1250
1,2,3-Trichlorobenzene	2.0	6.7	<	500
Dibromofluoromethane				**108%**
Toluene-D8				**98.0%**
4-Bromofluorobenzene				**99.7%**

J = Estimated.

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/31/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-3B	Dilution Factor:	200
Date Collected:	10/26/07	Lab Sample Number:	0710055-20
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
Dichlorodifluoromethane	0.50	1.7	<	100
Chloromethane	1.0	3.3	<	200
Vinyl Chloride	0.50	1.7	<	100
Bromomethane	5.0	17	<	1000
Chloroethane	5.0	17	<	1000
Trichlorofluoromethane	0.50	1.7	<	100
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	100
1,1-Dichloroethene	0.50	1.7	<	100
Acetone	20	67	<	4000
Carbon Disulfide	0.50	1.7	<	100
Methylene Chloride	2.0	6.7	<	400
Methyl-t-butyl Ether	0.50	1.7	<	100
t-1,2-Dichloroethene	0.50	1.7	<	100
n-Hexane	0.50	1.7	<	100
1,1-Dichloroethane	0.50	1.7	<	100
Diisopropyl Ether	0.50	1.7	<	100
2,2-Dichloropropane	0.50	1.7	<	100
c-1,2-Dichloroethene	0.50	1.7		**330**
2-Butanone (MEK)	20	67	<	4000
Tetrahydrofuran	10	33	<	2000
Bromochloromethane	0.50	1.7	<	100
Chloroform	0.50	1.7	<	100
1,1,1-Trichloroethane	0.50	1.7	<	100
Carbon Tetrachloride	0.50	1.7	<	100
1,1-Dichloropropene	0.50	1.7	<	100
Benzene	0.50	1.7	<	100
1,2-Dichloroethane	0.50	1.7	<	100
Trichloroethene	0.50	1.7		**1200**
1,2-Dichloropropane	0.50	1.7	<	100
Dibromomethane	0.50	1.7	<	100
Bromodichloromethane	0.50	1.7	<	100
c-1,3-Dichloropropene	0.50	1.7	<	100

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/31/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-3B	Dilution Factor:	200
Date Collected:	10/26/07	Lab Sample Number:	0710055-20
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	<	4000
Toluene	0.50	1.7	<	100
1,1,2-Trichloroethane	0.50	1.7	<	100
t-1,3-Dichloropropene	0.50	1.7	<	100
Tetrachloroethene	0.50	1.7		**5300**
1,3-Dichloropropane	0.50	1.7	<	100
2-Hexanone	20	67	<	4000
Dibromochloromethane	0.50	1.7	<	100
1,2-Dibromoethane	0.50	1.7	<	100
Chlorobenzene	0.50	1.7	<	100
1,1,1,2-Tetrachloroethane	0.50	1.7	<	100
Ethylbenzene	0.50	1.7	<	100
m+p-Xylene	1.0	3.3	<	200
o-Xylene	0.50	1.7	<	100
Styrene	0.50	1.7	<	100
Bromoform	0.50	1.7	<	100
Isopropylbenzene	0.50	1.7	<	100
1,1,2,2-Tetrachloroethane	0.50	1.7	<	100
Bromobenzene	0.50	1.7	<	100
1,2,3-Trichloropropane	1.0	3.3	<	200
n-Propyl benzene	0.50	1.7	<	100
2-Chlorotoluene	0.50	1.7	<	100
1,3,5-Trimethylbenzene	0.50	1.7	<	100
4-Chlorotoluene	0.50	1.7	<	100
t-Butyl benzene	0.50	1.7	<	100
1,2,4-Trimethylbenzene	0.50	1.7	<	100
sec-Butyl benzene	0.50	1.7	<	100
1,3-Dichlorobenzene	0.50	1.7	<	100
p-Isopropyl toluene	0.50	1.7	<	100
1,4-Dichlorobenzene	0.50	1.7	<	100
n-Butyl benzene	0.50	1.7	<	100
1,2-Dichlorobenzene	0.50	1.7	<	100

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/31/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-3B	Dilution Factor:	200
Date Collected:	10/26/07	Lab Sample Number:	0710055-20
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	100
1,2,4-Trichlorobenzene	2.0	6.7	<	400
Hexachlorobutadiene	2.0	6.7	<	400
Naphthalene	5.0	17	<	1000
1,2,3-Trichlorobenzene	2.0	6.7	<	400
Dibromofluoromethane				**105%**
Toluene-D8				**104%**
4-Bromofluorobenzene				**102%**

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/31/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-3C	Dilution Factor:	2
Date Collected:	10/26/07	Lab Sample Number:	0710055-21
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result	
Dichlorodifluoromethane	0.50	1.7	<	1.0	
Chloromethane	1.0	3.3	<	2.0	
Vinyl Chloride	0.50	1.7		**2.8**	
Bromomethane	5.0	17	<	10	
Chloroethane	5.0	17	<	10	
Trichlorofluoromethane	0.50	1.7	<	1.0	
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	1.0	
1,1-Dichloroethene	0.50	1.7	<	1.0	
Acetone	20	67	<	40	
Carbon Disulfide	0.50	1.7	<	1.0	
Methylene Chloride	2.0	6.7	<	4.0	
Methyl-t-butyl Ether	0.50	1.7	<	1.0	
t-1,2-Dichloroethene	0.50	1.7		**1.0**	**J**
n-Hexane	0.50	1.7	<	1.0	
1,1-Dichloroethane	0.50	1.7	<	1.0	
Diisopropyl Ether	0.50	1.7	<	1.0	
2,2-Dichloropropane	0.50	1.7	<	1.0	
c-1,2-Dichloroethene	0.50	1.7		**110**	**E**
2-Butanone (MEK)	20	67	<	40	
Tetrahydrofuran	10	33	<	20	
Bromochloromethane	0.50	1.7	<	1.0	
Chloroform	0.50	1.7	<	1.0	
1,1,1-Trichloroethane	0.50	1.7	<	1.0	
Carbon Tetrachloride	0.50	1.7	<	1.0	
1,1-Dichloropropene	0.50	1.7	<	1.0	
Benzene	0.50	1.7	<	1.0	
1,2-Dichloroethane	0.50	1.7	<	1.0	
Trichloroethene	0.50	1.7		**1.4**	**J**
1,2-Dichloropropane	0.50	1.7	<	1.0	
Dibromomethane	0.50	1.7	<	1.0	
Bromodichloromethane	0.50	1.7	<	1.0	
c-1,3-Dichloropropene	0.50	1.7	<	1.0	

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/31/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-3C	Dilution Factor:	2
Date Collected:	10/26/07	Lab Sample Number:	0710055-21
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	<	40
Toluene	0.50	1.7	<	1.0
1,1,2-Trichloroethane	0.50	1.7	<	1.0
t-1,3-Dichloropropene	0.50	1.7	<	1.0
Tetrachloroethene	0.50	1.7		**3.2**
1,3-Dichloropropane	0.50	1.7	<	1.0
2-Hexanone	20	67	<	40
Dibromochloromethane	0.50	1.7	<	1.0
1,2-Dibromoethane	0.50	1.7	<	1.0
Chlorobenzene	0.50	1.7	<	1.0
1,1,1,2-Tetrachloroethane	0.50	1.7	<	1.0
Ethylbenzene	0.50	1.7	<	1.0
m+p-Xylene	1.0	3.3	<	2.0
o-Xylene	0.50	1.7	<	1.0
Styrene	0.50	1.7	<	1.0
Bromoform	0.50	1.7	<	1.0
Isopropylbenzene	0.50	1.7	<	1.0
1,1,2,2-Tetrachloroethane	0.50	1.7	<	1.0
Bromobenzene	0.50	1.7	<	1.0
1,2,3-Trichloropropane	1.0	3.3	<	2.0
n-Propyl benzene	0.50	1.7	<	1.0
2-Chlorotoluene	0.50	1.7	<	1.0
1,3,5-Trimethylbenzene	0.50	1.7	<	1.0
4-Chlorotoluene	0.50	1.7	<	1.0
t-Butyl benzene	0.50	1.7	<	1.0
1,2,4-Trimethylbenzene	0.50	1.7	<	1.0
sec-Butyl benzene	0.50	1.7	<	1.0
1,3-Dichlorobenzene	0.50	1.7	<	1.0
p-Isopropyl toluene	0.50	1.7	<	1.0
1,4-Dichlorobenzene	0.50	1.7	<	1.0
n-Butyl benzene	0.50	1.7	<	1.0
1,2-Dichlorobenzene	0.50	1.7	<	1.0

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/31/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-3C	Dilution Factor:	2
Date Collected:	10/26/07	Lab Sample Number:	0710055-21
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	1.0
1,2,4-Trichlorobenzene	2.0	6.7	<	4.0
Hexachlorobutadiene	2.0	6.7	<	4.0
Naphthalene	5.0	17	<	10
1,2,3-Trichlorobenzene	2.0	6.7	<	4.0
Dibromofluoromethane				**107%**
Toluene-D8				**101%**
4-Bromofluorobenzene				**99.4%**

J = Estimated.

E = Estimated, exceeds calibration range.

Method Reference: Modified 8260

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Date: 11/2/07

8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/31/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	Trip Blank	Dilution Factor:	1
Date Collected:	10/26/07	Lab Sample Number:	0710055-22
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
Dichlorodifluoromethane	0.50	1.7	<	0.50
Chloromethane	1.0	3.3	<	1.0
Vinyl Chloride	0.50	1.7	<	0.50
Bromomethane	5.0	17	<	5.0
Chloroethane	5.0	17	<	5.0
Trichlorofluoromethane	0.50	1.7	<	0.50
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	0.50
1,1-Dichloroethene	0.50	1.7	<	0.50
Acetone	20	67	<	20
Carbon Disulfide	0.50	1.7	<	0.50
Methylene Chloride	2.0	6.7	<	2.0
Methyl-t-butyl Ether	0.50	1.7	<	0.50
t-1,2-Dichloroethene	0.50	1.7	<	0.50
n-Hexane	0.50	1.7	<	0.50
1,1-Dichloroethane	0.50	1.7	<	0.50
Diisopropyl Ether	0.50	1.7	<	0.50
2,2-Dichloropropane	0.50	1.7	<	0.50
c-1,2-Dichloroethene	0.50	1.7	<	0.50
2-Butanone (MEK)	20	67	<	20
Tetrahydrofuran	10	33	<	10
Bromochloromethane	0.50	1.7	<	0.50
Chloroform	0.50	1.7	<	0.50
1,1,1-Trichloroethane	0.50	1.7	<	0.50
Carbon Tetrachloride	0.50	1.7	<	0.50
1,1-Dichloropropene	0.50	1.7	<	0.50
Benzene	0.50	1.7	<	0.50
1,2-Dichloroethane	0.50	1.7	<	0.50
Trichloroethene	0.50	1.7	<	0.50
1,2-Dichloropropane	0.50	1.7	<	0.50
Dibromomethane	0.50	1.7	<	0.50
Bromodichloromethane	0.50	1.7	<	0.50
c-1,3-Dichloropropene	0.50	1.7	<	0.50

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/31/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	Trip Blank	Dilution Factor:	1
Date Collected:	10/26/07	Lab Sample Number:	0710055-22
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	<	20
Toluene	0.50	1.7	<	0.50
1,1,2-Trichloroethane	0.50	1.7	<	0.50
t-1,3-Dichloropropene	0.50	1.7	<	0.50
Tetrachloroethene	0.50	1.7	<	0.50
1,3-Dichloropropane	0.50	1.7	<	0.50
2-Hexanone	20	67	<	20
Dibromochloromethane	0.50	1.7	<	0.50
1,2-Dibromoethane	0.50	1.7	<	0.50
Chlorobenzene	0.50	1.7	<	0.50
1,1,1,2-Tetrachloroethane	0.50	1.7	<	0.50
Ethylbenzene	0.50	1.7	<	0.50
m+p-Xylene	1.0	3.3	<	1.0
o-Xylene	0.50	1.7	<	0.50
Styrene	0.50	1.7	<	0.50
Bromoform	0.50	1.7	<	0.50
Isopropylbenzene	0.50	1.7	<	0.50
1,1,2,2-Tetrachloroethane	0.50	1.7	<	0.50
Bromobenzene	0.50	1.7	<	0.50
1,2,3-Trichloropropane	1.0	3.3	<	1.0
n-Propyl benzene	0.50	1.7	<	0.50
2-Chlorotoluene	0.50	1.7	<	0.50
1,3,5-Trimethylbenzene	0.50	1.7	<	0.50
4-Chlorotoluene	0.50	1.7	<	0.50
t-Butyl benzene	0.50	1.7	<	0.50
1,2,4-Trimethylbenzene	0.50	1.7	<	0.50
sec-Butyl benzene	0.50	1.7	<	0.50
1,3-Dichlorobenzene	0.50	1.7	<	0.50
p-Isopropyl toluene	0.50	1.7	<	0.50
1,4-Dichlorobenzene	0.50	1.7	<	0.50
n-Butyl benzene	0.50	1.7	<	0.50
1,2-Dichlorobenzene	0.50	1.7	<	0.50

Method Reference: Modified 8260

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Date: 11/2/07

8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/31/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	Trip Blank	Dilution Factor:	1
Date Collected:	10/26/07	Lab Sample Number:	0710055-22
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	0.50
1,2,4-Trichlorobenzene	2.0	6.7	<	2.0
Hexachlorobutadiene	2.0	6.7	<	2.0
Naphthalene	5.0	17	<	5.0
1,2,3-Trichlorobenzene	2.0	6.7	<	2.0
Dibromofluoromethane				**99.0%**
Toluene-D8				**101%**
4-Bromofluorobenzene				**97.6%**

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-4	Dilution Factor:	50
Date Collected:	10/25/07	Lab Sample Number:	0710055-12
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result	
Dichlorodifluoromethane	0.50	1.7	<	25	
Chloromethane	1.0	3.3	<	50	
Vinyl Chloride	0.50	1.7	<	25	
Bromomethane	5.0	17	<	250	
Chloroethane	5.0	17	<	250	
Trichlorofluoromethane	0.50	1.7	<	25	
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	25	
1,1-Dichloroethene	0.50	1.7	<	25	
Acetone	20	67	<	1000	
Carbon Disulfide	0.50	1.7	<	25	
Methylene Chloride	2.0	6.7	<	100	
Methyl-t-butyl Ether	0.50	1.7	<	25	
t-1,2-Dichloroethene	0.50	1.7	<	25	
n-Hexane	0.50	1.7	<	25	
1,1-Dichloroethane	0.50	1.7	<	25	
Diisopropyl Ether	0.50	1.7	<	25	
2,2-Dichloropropane	0.50	1.7	<	25	
c-1,2-Dichloroethene	0.50	1.7		**42**	**J**
2-Butanone (MEK)	20	67	<	1000	
Tetrahydrofuran	10	33	<	500	
Bromochloromethane	0.50	1.7	<	25	
Chloroform	0.50	1.7	<	25	
1,1,1-Trichloroethane	0.50	1.7	<	25	
Carbon Tetrachloride	0.50	1.7	<	25	
1,1-Dichloropropene	0.50	1.7	<	25	
Benzene	0.50	1.7	<	25	
1,2-Dichloroethane	0.50	1.7	<	25	
Trichloroethene	0.50	1.7		**1500**	
1,2-Dichloropropane	0.50	1.7	<	25	
Dibromomethane	0.50	1.7	<	25	
Bromodichloromethane	0.50	1.7	<	25	
c-1,3-Dichloropropene	0.50	1.7	<	25	

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-4	Dilution Factor:	50
Date Collected:	10/25/07	Lab Sample Number:	0710055-12
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	<	1000
Toluene	0.50	1.7	<	25
1,1,2-Trichloroethane	0.50	1.7	<	25
t-1,3-Dichloropropene	0.50	1.7	<	25
Tetrachloroethene	0.50	1.7		**2000**
1,3-Dichloropropane	0.50	1.7	<	25
2-Hexanone	20	67	<	1000
Dibromochloromethane	0.50	1.7	<	25
1,2-Dibromoethane	0.50	1.7	<	25
Chlorobenzene	0.50	1.7	<	25
1,1,1,2-Tetrachloroethane	0.50	1.7	<	25
Ethylbenzene	0.50	1.7	<	25
m+p-Xylene	1.0	3.3	<	50
o-Xylene	0.50	1.7	<	25
Styrene	0.50	1.7	<	25
Bromoform	0.50	1.7	<	25
Isopropylbenzene	0.50	1.7	<	25
1,1,2,2-Tetrachloroethane	0.50	1.7	<	25
Bromobenzene	0.50	1.7	<	25
1,2,3-Trichloropropane	1.0	3.3	<	50
n-Propyl benzene	0.50	1.7	<	25
2-Chlorotoluene	0.50	1.7	<	25
1,3,5-Trimethylbenzene	0.50	1.7	<	25
4-Chlorotoluene	0.50	1.7	<	25
t-Butyl benzene	0.50	1.7	<	25
1,2,4-Trimethylbenzene	0.50	1.7	<	25
sec-Butyl benzene	0.50	1.7	<	25
1,3-Dichlorobenzene	0.50	1.7	<	25
p-Isopropyl toluene	0.50	1.7	<	25
1,4-Dichlorobenzene	0.50	1.7	<	25
n-Butyl benzene	0.50	1.7	<	25
1,2-Dichlorobenzene	0.50	1.7	<	25

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-4	Dilution Factor:	50
Date Collected:	10/25/07	Lab Sample Number:	0710055-12
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	25
1,2,4-Trichlorobenzene	2.0	6.7	<	100
Hexachlorobutadiene	2.0	6.7	<	100
Naphthalene	5.0	17	<	250
1,2,3-Trichlorobenzene	2.0	6.7	<	100
Dibromofluoromethane				**99.7%**
Toluene-D8				**102%**
4-Bromofluorobenzene				**101%**

J = Estimated.

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-4A	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-13
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
Dichlorodifluoromethane	0.50	1.7	<	0.50
Chloromethane	1.0	3.3	<	1.0
Vinyl Chloride	0.50	1.7	<	0.50
Bromomethane	5.0	17	<	5.0
Chloroethane	5.0	17	<	5.0
Trichlorofluoromethane	0.50	1.7	<	0.50
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	0.50
1,1-Dichloroethene	0.50	1.7	<	0.50
Acetone	20	67	<	20
Carbon Disulfide	0.50	1.7	<	0.50
Methylene Chloride	2.0	6.7	<	2.0
Methyl-t-butyl Ether	0.50	1.7	<	0.50
t-1,2-Dichloroethene	0.50	1.7	<	0.50
n-Hexane	0.50	1.7	<	0.50
1,1-Dichloroethane	0.50	1.7	<	0.50
Diisopropyl Ether	0.50	1.7	<	0.50
2,2-Dichloropropane	0.50	1.7	<	0.50
c-1,2-Dichloroethene	0.50	1.7	<	0.50
2-Butanone (MEK)	20	67	<	20
Tetrahydrofuran	10	33	<	10
Bromochloromethane	0.50	1.7	<	0.50
Chloroform	0.50	1.7	<	0.50
1,1,1-Trichloroethane	0.50	1.7	<	0.50
Carbon Tetrachloride	0.50	1.7	<	0.50
1,1-Dichloropropene	0.50	1.7	<	0.50
Benzene	0.50	1.7	<	0.50
1,2-Dichloroethane	0.50	1.7	<	0.50
Trichloroethene	0.50	1.7		**8.5**
1,2-Dichloropropane	0.50	1.7	<	0.50
Dibromomethane	0.50	1.7	<	0.50
Bromodichloromethane	0.50	1.7	<	0.50
c-1,3-Dichloropropene	0.50	1.7	<	0.50

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-4A	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-13
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result	
4-Methyl-2-pentanone (MIBK)	20	67	<	20	
Toluene	0.50	1.7	<	0.50	
1,1,2-Trichloroethane	0.50	1.7	<	0.50	
t-1,3-Dichloropropene	0.50	1.7	<	0.50	
Tetrachloroethene	0.50	1.7		**1.2**	**J**
1,3-Dichloropropane	0.50	1.7	<	0.50	
2-Hexanone	20	67	<	20	
Dibromochloromethane	0.50	1.7	<	0.50	
1,2-Dibromoethane	0.50	1.7	<	0.50	
Chlorobenzene	0.50	1.7	<	0.50	
1,1,1,2-Tetrachloroethane	0.50	1.7	<	0.50	
Ethylbenzene	0.50	1.7	<	0.50	
m+p-Xylene	1.0	3.3	<	1.0	
o-Xylene	0.50	1.7	<	0.50	
Styrene	0.50	1.7	<	0.50	
Bromoform	0.50	1.7	<	0.50	
Isopropylbenzene	0.50	1.7	<	0.50	
1,1,2,2-Tetrachloroethane	0.50	1.7	<	0.50	
Bromobenzene	0.50	1.7	<	0.50	
1,2,3-Trichloropropane	1.0	3.3	<	1.0	
n-Propyl benzene	0.50	1.7	<	0.50	
2-Chlorotoluene	0.50	1.7	<	0.50	
1,3,5-Trimethylbenzene	0.50	1.7	<	0.50	
4-Chlorotoluene	0.50	1.7	<	0.50	
t-Butyl benzene	0.50	1.7	<	0.50	
1,2,4-Trimethylbenzene	0.50	1.7	<	0.50	
sec-Butyl benzene	0.50	1.7	<	0.50	
1,3-Dichlorobenzene	0.50	1.7	<	0.50	
p-Isopropyl toluene	0.50	1.7	<	0.50	
1,4-Dichlorobenzene	0.50	1.7	<	0.50	
n-Butyl benzene	0.50	1.7	<	0.50	
1,2-Dichlorobenzene	0.50	1.7	<	0.50	

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-4A	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-13
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	0.50
1,2,4-Trichlorobenzene	2.0	6.7	<	2.0
Hexachlorobutadiene	2.0	6.7	<	2.0
Naphthalene	5.0	17	<	5.0
1,2,3-Trichlorobenzene	2.0	6.7	<	2.0
Dibromofluoromethane				**103%**
Toluene-D8				**102%**
4-Bromofluorobenzene				**103%**

J = Estimated.

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-5	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-02
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit	Sample Result
Dichlorodifluoromethane	0.50	1.7	< 0.50
Chloromethane	1.0	3.3	< 1.0
Vinyl Chloride	0.50	1.7	< 0.50
Bromomethane	5.0	17	< 5.0
Chloroethane	5.0	17	< 5.0
Trichlorofluoromethane	0.50	1.7	< 0.50
1,1,2-Trichlorotrifluoroethane	0.50	1.7	< 0.50
1,1-Dichloroethene	0.50	1.7	< 0.50
Acetone	20	67	< 20
Carbon Disulfide	0.50	1.7	< 0.50
Methylene Chloride	2.0	6.7	< 2.0
Methyl-t-butyl Ether	0.50	1.7	< 0.50
t-1,2-Dichloroethene	0.50	1.7	< 0.50
n-Hexane	0.50	1.7	< 0.50
1,1-Dichloroethane	0.50	1.7	< 0.50
Diisopropyl Ether	0.50	1.7	< 0.50
2,2-Dichloropropane	0.50	1.7	< 0.50
c-1,2-Dichloroethene	0.50	1.7	< 0.50
2-Butanone (MEK)	20	67	< 20
Tetrahydrofuran	10	33	< 10
Bromochloromethane	0.50	1.7	< 0.50
Chloroform	0.50	1.7	< 0.50
1,1,1-Trichloroethane	0.50	1.7	< 0.50
Carbon Tetrachloride	0.50	1.7	< 0.50
1,1-Dichloropropene	0.50	1.7	< 0.50
Benzene	0.50	1.7	< 0.50
1,2-Dichloroethane	0.50	1.7	< 0.50
Trichloroethene	0.50	1.7	< 0.50
1,2-Dichloropropane	0.50	1.7	< 0.50
Dibromomethane	0.50	1.7	< 0.50
Bromodichloromethane	0.50	1.7	< 0.50
c-1,3-Dichloropropene	0.50	1.7	< 0.50

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-5	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-02
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit	Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	< 20
Toluene	0.50	1.7	< 0.50
1,1,2-Trichloroethane	0.50	1.7	< 0.50
t-1,3-Dichloropropene	0.50	1.7	< 0.50
Tetrachloroethene	0.50	1.7	< 0.50
1,3-Dichloropropane	0.50	1.7	< 0.50
2-Hexanone	20	67	< 20
Dibromochloromethane	0.50	1.7	< 0.50
1,2-Dibromoethane	0.50	1.7	< 0.50
Chlorobenzene	0.50	1.7	< 0.50
1,1,1,2-Tetrachloroethane	0.50	1.7	< 0.50
Ethylbenzene	0.50	1.7	< 0.50
m+p-Xylene	1.0	3.3	< 1.0
o-Xylene	0.50	1.7	< 0.50
Styrene	0.50	1.7	< 0.50
Bromoform	0.50	1.7	< 0.50
Isopropylbenzene	0.50	1.7	< 0.50
1,1,2,2-Tetrachloroethane	0.50	1.7	< 0.50
Bromobenzene	0.50	1.7	< 0.50
1,2,3-Trichloropropane	1.0	3.3	< 1.0
n-Propyl benzene	0.50	1.7	< 0.50
2-Chlorotoluene	0.50	1.7	< 0.50
1,3,5-Trimethylbenzene	0.50	1.7	< 0.50
4-Chlorotoluene	0.50	1.7	< 0.50
t-Butyl benzene	0.50	1.7	< 0.50
1,2,4-Trimethylbenzene	0.50	1.7	< 0.50
sec-Butyl benzene	0.50	1.7	< 0.50
1,3-Dichlorobenzene	0.50	1.7	< 0.50
p-Isopropyl toluene	0.50	1.7	< 0.50
1,4-Dichlorobenzene	0.50	1.7	< 0.50
n-Butyl benzene	0.50	1.7	< 0.50
1,2-Dichlorobenzene	0.50	1.7	< 0.50

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-5	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-02
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	0.50
1,2,4-Trichlorobenzene	2.0	6.7	<	2.0
Hexachlorobutadiene	2.0	6.7	<	2.0
Naphthalene	5.0	17	<	5.0
1,2,3-Trichlorobenzene	2.0	6.7	<	2.0
Dibromofluoromethane				**102%**
Toluene-D8				**101%**
4-Bromofluorobenzene				**103%**

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-6	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-03
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit	Sample Result	
Dichlorodifluoromethane	0.50	1.7	< 0.50	
Chloromethane	1.0	3.3	< 1.0	
Vinyl Chloride	0.50	1.7	< 0.50	
Bromomethane	5.0	17	< 5.0	**M**
Chloroethane	5.0	17	< 5.0	**M**
Trichlorofluoromethane	0.50	1.7	< 0.50	
1,1,2-Trichlorotrifluoroethane	0.50	1.7	< 0.50	
1,1-Dichloroethene	0.50	1.7	< 0.50	
Acetone	20	67	< 20	
Carbon Disulfide	0.50	1.7	< 0.50	
Methylene Chloride	2.0	6.7	< 2.0	
Methyl-t-butyl Ether	0.50	1.7	< 0.50	
t-1,2-Dichloroethene	0.50	1.7	< 0.50	
n-Hexane	0.50	1.7	< 0.50	
1,1-Dichloroethane	0.50	1.7	< 0.50	
Diisopropyl Ether	0.50	1.7	< 0.50	
2,2-Dichloropropane	0.50	1.7	< 0.50	
c-1,2-Dichloroethene	0.50	1.7	< 0.50	
2-Butanone (MEK)	20	67	< 20	
Tetrahydrofuran	10	33	< 10	
Bromochloromethane	0.50	1.7	< 0.50	
Chloroform	0.50	1.7	< 0.50	
1,1,1-Trichloroethane	0.50	1.7	< 0.50	
Carbon Tetrachloride	0.50	1.7	< 0.50	
1,1-Dichloropropene	0.50	1.7	< 0.50	
Benzene	0.50	1.7	< 0.50	
1,2-Dichloroethane	0.50	1.7	< 0.50	
Trichloroethene	0.50	1.7	< 0.50	
1,2-Dichloropropane	0.50	1.7	< 0.50	
Dibromomethane	0.50	1.7	< 0.50	
Bromodichloromethane	0.50	1.7	< 0.50	
c-1,3-Dichloropropene	0.50	1.7	< 0.50	

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-6	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-03
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	<	20
Toluene	0.50	1.7	<	0.50
1,1,2-Trichloroethane	0.50	1.7	<	0.50
t-1,3-Dichloropropene	0.50	1.7	<	0.50
Tetrachloroethene	0.50	1.7	<	0.50
1,3-Dichloropropane	0.50	1.7	<	0.50
2-Hexanone	20	67	<	20
Dibromochloromethane	0.50	1.7	<	0.50
1,2-Dibromoethane	0.50	1.7	<	0.50
Chlorobenzene	0.50	1.7	<	0.50
1,1,1,2-Tetrachloroethane	0.50	1.7	<	0.50
Ethylbenzene	0.50	1.7	<	0.50
m+p-Xylene	1.0	3.3	<	1.0
o-Xylene	0.50	1.7	<	0.50
Styrene	0.50	1.7	<	0.50
Bromoform	0.50	1.7	<	0.50
Isopropylbenzene	0.50	1.7	<	0.50
1,1,2,2-Tetrachloroethane	0.50	1.7	<	0.50
Bromobenzene	0.50	1.7	<	0.50
1,2,3-Trichloropropane	1.0	3.3	<	1.0
n-Propyl benzene	0.50	1.7	<	0.50
2-Chlorotoluene	0.50	1.7	<	0.50
1,3,5-Trimethylbenzene	0.50	1.7	<	0.50
4-Chlorotoluene	0.50	1.7	<	0.50
t-Butyl benzene	0.50	1.7	<	0.50
1,2,4-Trimethylbenzene	0.50	1.7	<	0.50
sec-Butyl benzene	0.50	1.7	<	0.50
1,3-Dichlorobenzene	0.50	1.7	<	0.50
p-Isopropyl toluene	0.50	1.7	<	0.50
1,4-Dichlorobenzene	0.50	1.7	<	0.50
n-Butyl benzene	0.50	1.7	<	0.50
1,2-Dichlorobenzene	0.50	1.7	<	0.50

Method Reference: Modified 8260

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Approved by:

Date: 11/2/07

8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-6	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-03
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	0.50
1,2,4-Trichlorobenzene	2.0	6.7	<	2.0
Hexachlorobutadiene	2.0	6.7	<	2.0
Naphthalene	5.0	17	<	5.0
1,2,3-Trichlorobenzene	2.0	6.7	<	2.0
Dibromofluoromethane				**103%**
Toluene-D8				**101%**
4-Bromofluorobenzene				**101%**

M = Matrix Spike and/or Matrix Spike Duplicate recovery was outside acceptance limits.

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-6A	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-04
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
Dichlorodifluoromethane	0.50	1.7	<	0.50
Chloromethane	1.0	3.3	<	1.0
Vinyl Chloride	0.50	1.7	<	0.50
Bromomethane	5.0	17	<	5.0
Chloroethane	5.0	17	<	5.0
Trichlorofluoromethane	0.50	1.7	<	0.50
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	0.50
1,1-Dichloroethene	0.50	1.7	<	0.50
Acetone	20	67	<	20
Carbon Disulfide	0.50	1.7	<	0.50
Methylene Chloride	2.0	6.7	<	2.0
Methyl-t-butyl Ether	0.50	1.7	<	0.50
t-1,2-Dichloroethene	0.50	1.7	<	0.50
n-Hexane	0.50	1.7	<	0.50
1,1-Dichloroethane	0.50	1.7	<	0.50
Diisopropyl Ether	0.50	1.7	<	0.50
2,2-Dichloropropane	0.50	1.7	<	0.50
c-1,2-Dichloroethene	0.50	1.7	<	0.50
2-Butanone (MEK)	20	67	<	20
Tetrahydrofuran	10	33	<	10
Bromochloromethane	0.50	1.7	<	0.50
Chloroform	0.50	1.7	<	0.50
1,1,1-Trichloroethane	0.50	1.7	<	0.50
Carbon Tetrachloride	0.50	1.7	<	0.50
1,1-Dichloropropene	0.50	1.7	<	0.50
Benzene	0.50	1.7	<	0.50
1,2-Dichloroethane	0.50	1.7	<	0.50
Trichloroethene	0.50	1.7	<	0.50
1,2-Dichloropropane	0.50	1.7	<	0.50
Dibromomethane	0.50	1.7	<	0.50
Bromodichloromethane	0.50	1.7	<	0.50
c-1,3-Dichloropropene	0.50	1.7	<	0.50

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-6A	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-04
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit	Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	< 20
Toluene	0.50	1.7	< 0.50
1,1,2-Trichloroethane	0.50	1.7	< 0.50
t-1,3-Dichloropropene	0.50	1.7	< 0.50
Tetrachloroethene	0.50	1.7	< 0.50
1,3-Dichloropropane	0.50	1.7	< 0.50
2-Hexanone	20	67	< 20
Dibromochloromethane	0.50	1.7	< 0.50
1,2-Dibromoethane	0.50	1.7	< 0.50
Chlorobenzene	0.50	1.7	< 0.50
1,1,1,2-Tetrachloroethane	0.50	1.7	< 0.50
Ethylbenzene	0.50	1.7	< 0.50
m+p-Xylene	1.0	3.3	< 1.0
o-Xylene	0.50	1.7	< 0.50
Styrene	0.50	1.7	< 0.50
Bromoform	0.50	1.7	< 0.50
Isopropylbenzene	0.50	1.7	< 0.50
1,1,2,2-Tetrachloroethane	0.50	1.7	< 0.50
Bromobenzene	0.50	1.7	< 0.50
1,2,3-Trichloropropane	1.0	3.3	< 1.0
n-Propyl benzene	0.50	1.7	< 0.50
2-Chlorotoluene	0.50	1.7	< 0.50
1,3,5-Trimethylbenzene	0.50	1.7	< 0.50
4-Chlorotoluene	0.50	1.7	< 0.50
t-Butyl benzene	0.50	1.7	< 0.50
1,2,4-Trimethylbenzene	0.50	1.7	< 0.50
sec-Butyl benzene	0.50	1.7	< 0.50
1,3-Dichlorobenzene	0.50	1.7	< 0.50
p-Isopropyl toluene	0.50	1.7	< 0.50
1,4-Dichlorobenzene	0.50	1.7	< 0.50
n-Butyl benzene	0.50	1.7	< 0.50
1,2-Dichlorobenzene	0.50	1.7	< 0.50

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-6A	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-04
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	0.50
1,2,4-Trichlorobenzene	2.0	6.7	<	2.0
Hexachlorobutadiene	2.0	6.7	<	2.0
Naphthalene	5.0	17	<	5.0
1,2,3-Trichlorobenzene	2.0	6.7	<	2.0
Dibromofluoromethane				**103%**
Toluene-D8				**103%**
4-Bromofluorobenzene				**103%**

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-7	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-05
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit	Sample Result	
Dichlorodifluoromethane	0.50	1.7	< 0.50	
Chloromethane	1.0	3.3	< 1.0	
Vinyl Chloride	0.50	1.7	< 0.50	
Bromomethane	5.0	17	< 5.0	
Chloroethane	5.0	17	< 5.0	
Trichlorofluoromethane	0.50	1.7	< 0.50	
1,1,2-Trichlorotrifluoroethane	0.50	1.7	< 0.50	
1,1-Dichloroethene	0.50	1.7	< 0.50	
Acetone	20	67	< 20	
Carbon Disulfide	0.50	1.7	< 0.50	
Methylene Chloride	2.0	6.7	< 2.0	
Methyl-t-butyl Ether	0.50	1.7	< 0.50	
t-1,2-Dichloroethene	0.50	1.7	< 0.50	
n-Hexane	0.50	1.7	< 0.50	
1,1-Dichloroethane	0.50	1.7	< 0.50	
Diisopropyl Ether	0.50	1.7	< 0.50	
2,2-Dichloropropane	0.50	1.7	< 0.50	
c-1,2-Dichloroethene	0.50	1.7	< 0.50	
2-Butanone (MEK)	20	67	< 20	
Tetrahydrofuran	10	33	< 10	
Bromochloromethane	0.50	1.7	< 0.50	
Chloroform	0.50	1.7	< 0.50	
1,1,1-Trichloroethane	0.50	1.7	< 0.50	
Carbon Tetrachloride	0.50	1.7	< 0.50	
1,1-Dichloropropene	0.50	1.7	< 0.50	
Benzene	0.50	1.7	< 0.50	
1,2-Dichloroethane	0.50	1.7	< 0.50	
Trichloroethene	0.50	1.7	**0.63**	**J**
1,2-Dichloropropane	0.50	1.7	< 0.50	
Dibromomethane	0.50	1.7	< 0.50	
Bromodichloromethane	0.50	1.7	< 0.50	
c-1,3-Dichloropropene	0.50	1.7	< 0.50	

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-7	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-05
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	<	20
Toluene	0.50	1.7	<	0.50
1,1,2-Trichloroethane	0.50	1.7	<	0.50
t-1,3-Dichloropropene	0.50	1.7	<	0.50
Tetrachloroethene	0.50	1.7		**3.5**
1,3-Dichloropropane	0.50	1.7	<	0.50
2-Hexanone	20	67	<	20
Dibromochloromethane	0.50	1.7	<	0.50
1,2-Dibromoethane	0.50	1.7	<	0.50
Chlorobenzene	0.50	1.7	<	0.50
1,1,1,2-Tetrachloroethane	0.50	1.7	<	0.50
Ethylbenzene	0.50	1.7	<	0.50
m+p-Xylene	1.0	3.3	<	1.0
o-Xylene	0.50	1.7	<	0.50
Styrene	0.50	1.7	<	0.50
Bromoform	0.50	1.7	<	0.50
Isopropylbenzene	0.50	1.7	<	0.50
1,1,2,2-Tetrachloroethane	0.50	1.7	<	0.50
Bromobenzene	0.50	1.7	<	0.50
1,2,3-Trichloropropane	1.0	3.3	<	1.0
n-Propyl benzene	0.50	1.7	<	0.50
2-Chlorotoluene	0.50	1.7	<	0.50
1,3,5-Trimethylbenzene	0.50	1.7	<	0.50
4-Chlorotoluene	0.50	1.7	<	0.50
t-Butyl benzene	0.50	1.7	<	0.50
1,2,4-Trimethylbenzene	0.50	1.7	<	0.50
sec-Butyl benzene	0.50	1.7	<	0.50
1,3-Dichlorobenzene	0.50	1.7	<	0.50
p-Isopropyl toluene	0.50	1.7	<	0.50
1,4-Dichlorobenzene	0.50	1.7	<	0.50
n-Butyl benzene	0.50	1.7	<	0.50
1,2-Dichlorobenzene	0.50	1.7	<	0.50

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-7	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-05
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	0.50
1,2,4-Trichlorobenzene	2.0	6.7	<	2.0
Hexachlorobutadiene	2.0	6.7	<	2.0
Naphthalene	5.0	17	<	5.0
1,2,3-Trichlorobenzene	2.0	6.7	<	2.0
Dibromofluoromethane				**101%**
Toluene-D8				**99.9%**
4-Bromofluorobenzene				**101%**

J = Estimated.

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/31/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-7A	Dilution Factor:	10
Date Collected:	10/25/07	Lab Sample Number:	0710055-06
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
Dichlorodifluoromethane	0.50	1.7	<	5.0
Chloromethane	1.0	3.3	<	10
Vinyl Chloride	0.50	1.7	<	5.0
Bromomethane	5.0	17	<	50
Chloroethane	5.0	17	<	50
Trichlorofluoromethane	0.50	1.7	<	5.0
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	5.0
1,1-Dichloroethene	0.50	1.7	<	5.0
Acetone	20	67	<	200
Carbon Disulfide	0.50	1.7	<	5.0
Methylene Chloride	2.0	6.7	<	20
Methyl-t-butyl Ether	0.50	1.7	<	5.0
t-1,2-Dichloroethene	0.50	1.7	<	5.0
n-Hexane	0.50	1.7	<	5.0
1,1-Dichloroethane	0.50	1.7	<	5.0
Diisopropyl Ether	0.50	1.7	<	5.0
2,2-Dichloropropane	0.50	1.7	<	5.0
c-1,2-Dichloroethene	0.50	1.7	<	5.0
2-Butanone (MEK)	20	67	<	200
Tetrahydrofuran	10	33	<	100
Bromochloromethane	0.50	1.7	<	5.0
Chloroform	0.50	1.7	<	5.0
1,1,1-Trichloroethane	0.50	1.7	<	5.0
Carbon Tetrachloride	0.50	1.7	<	5.0
1,1-Dichloropropene	0.50	1.7	<	5.0
Benzene	0.50	1.7	<	5.0
1,2-Dichloroethane	0.50	1.7	<	5.0
Trichloroethene	0.50	1.7		**110**
1,2-Dichloropropane	0.50	1.7	<	5.0
Dibromomethane	0.50	1.7	<	5.0
Bromodichloromethane	0.50	1.7	<	5.0
c-1,3-Dichloropropene	0.50	1.7	<	5.0

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/31/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-7A	Dilution Factor:	10
Date Collected:	10/25/07	Lab Sample Number:	0710055-06
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	<	200
Toluene	0.50	1.7	<	5.0
1,1,2-Trichloroethane	0.50	1.7	<	5.0
t-1,3-Dichloropropene	0.50	1.7	<	5.0
Tetrachloroethene	0.50	1.7		**310**
1,3-Dichloropropane	0.50	1.7	<	5.0
2-Hexanone	20	67	<	200
Dibromochloromethane	0.50	1.7	<	5.0
1,2-Dibromoethane	0.50	1.7	<	5.0
Chlorobenzene	0.50	1.7	<	5.0
1,1,1,2-Tetrachloroethane	0.50	1.7	<	5.0
Ethylbenzene	0.50	1.7	<	5.0
m+p-Xylene	1.0	3.3	<	10
o-Xylene	0.50	1.7	<	5.0
Styrene	0.50	1.7	<	5.0
Bromoform	0.50	1.7	<	5.0
Isopropylbenzene	0.50	1.7	<	5.0
1,1,2,2-Tetrachloroethane	0.50	1.7	<	5.0
Bromobenzene	0.50	1.7	<	5.0
1,2,3-Trichloropropane	1.0	3.3	<	10
n-Propyl benzene	0.50	1.7	<	5.0
2-Chlorotoluene	0.50	1.7	<	5.0
1,3,5-Trimethylbenzene	0.50	1.7	<	5.0
4-Chlorotoluene	0.50	1.7	<	5.0
t-Butyl benzene	0.50	1.7	<	5.0
1,2,4-Trimethylbenzene	0.50	1.7	<	5.0
sec-Butyl benzene	0.50	1.7	<	5.0
1,3-Dichlorobenzene	0.50	1.7	<	5.0
p-Isopropyl toluene	0.50	1.7	<	5.0
1,4-Dichlorobenzene	0.50	1.7	<	5.0
n-Butyl benzene	0.50	1.7	<	5.0
1,2-Dichlorobenzene	0.50	1.7	<	5.0

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/31/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-7A	Dilution Factor:	10
Date Collected:	10/25/07	Lab Sample Number:	0710055-06
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	5.0
1,2,4-Trichlorobenzene	2.0	6.7	<	20
Hexachlorobutadiene	2.0	6.7	<	20
Naphthalene	5.0	17	<	50
1,2,3-Trichlorobenzene	2.0	6.7	<	20
Dibromofluoromethane				**104%**
Toluene-D8				**102%**
4-Bromofluorobenzene				**104%**

Method Reference: Modified 8260

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Approved by: R Amundt

Date: 11/2/07

8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-7B	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-07
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result	
Dichlorodifluoromethane	0.50	1.7	<	0.50	
Chloromethane	1.0	3.3	<	1.0	
Vinyl Chloride	0.50	1.7	<	0.50	
Bromomethane	5.0	17	<	5.0	
Chloroethane	5.0	17	<	5.0	
Trichlorofluoromethane	0.50	1.7	<	0.50	
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	0.50	
1,1-Dichloroethene	0.50	1.7	<	0.50	
Acetone	20	67	<	20	
Carbon Disulfide	0.50	1.7	<	0.50	
Methylene Chloride	2.0	6.7	<	2.0	
Methyl-t-butyl Ether	0.50	1.7	<	0.50	
t-1,2-Dichloroethene	0.50	1.7	<	0.50	
n-Hexane	0.50	1.7	<	0.50	
1,1-Dichloroethane	0.50	1.7	<	0.50	
Diisopropyl Ether	0.50	1.7	<	0.50	
2,2-Dichloropropane	0.50	1.7	<	0.50	
c-1,2-Dichloroethene	0.50	1.7	<	0.50	
2-Butanone (MEK)	20	67	<	20	
Tetrahydrofuran	10	33	<	10	
Bromochloromethane	0.50	1.7	<	0.50	
Chloroform	0.50	1.7	<	0.50	
1,1,1-Trichloroethane	0.50	1.7	<	0.50	
Carbon Tetrachloride	0.50	1.7	<	0.50	
1,1-Dichloropropene	0.50	1.7	<	0.50	
Benzene	0.50	1.7	<	0.50	
1,2-Dichloroethane	0.50	1.7	<	0.50	
Trichloroethene	0.50	1.7		**0.87**	**J**
1,2-Dichloropropane	0.50	1.7	<	0.50	
Dibromomethane	0.50	1.7	<	0.50	
Bromodichloromethane	0.50	1.7	<	0.50	
c-1,3-Dichloropropene	0.50	1.7	<	0.50	

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-7B	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-07
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit	Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	< 20
Toluene	0.50	1.7	< 0.50
1,1,2-Trichloroethane	0.50	1.7	< 0.50
t-1,3-Dichloropropene	0.50	1.7	< 0.50
Tetrachloroethene	0.50	1.7	**6.9**
1,3-Dichloropropane	0.50	1.7	< 0.50
2-Hexanone	20	67	< 20
Dibromochloromethane	0.50	1.7	< 0.50
1,2-Dibromoethane	0.50	1.7	< 0.50
Chlorobenzene	0.50	1.7	< 0.50
1,1,1,2-Tetrachloroethane	0.50	1.7	< 0.50
Ethylbenzene	0.50	1.7	< 0.50
m+p-Xylene	1.0	3.3	< 1.0
o-Xylene	0.50	1.7	< 0.50
Styrene	0.50	1.7	< 0.50
Bromoform	0.50	1.7	< 0.50
Isopropylbenzene	0.50	1.7	< 0.50
1,1,2,2-Tetrachloroethane	0.50	1.7	< 0.50
Bromobenzene	0.50	1.7	< 0.50
1,2,3-Trichloropropane	1.0	3.3	< 1.0
n-Propyl benzene	0.50	1.7	< 0.50
2-Chlorotoluene	0.50	1.7	< 0.50
1,3,5-Trimethylbenzene	0.50	1.7	< 0.50
4-Chlorotoluene	0.50	1.7	< 0.50
t-Butyl benzene	0.50	1.7	< 0.50
1,2,4-Trimethylbenzene	0.50	1.7	< 0.50
sec-Butyl benzene	0.50	1.7	< 0.50
1,3-Dichlorobenzene	0.50	1.7	< 0.50
p-Isopropyl toluene	0.50	1.7	< 0.50
1,4-Dichlorobenzene	0.50	1.7	< 0.50
n-Butyl benzene	0.50	1.7	< 0.50
1,2-Dichlorobenzene	0.50	1.7	< 0.50

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-7B	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-07
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	0.50
1,2,4-Trichlorobenzene	2.0	6.7	<	2.0
Hexachlorobutadiene	2.0	6.7	<	2.0
Naphthalene	5.0	17	<	5.0
1,2,3-Trichlorobenzene	2.0	6.7	<	2.0
Dibromofluoromethane				**103%**
Toluene-D8				**101%**
4-Bromofluorobenzene				**98.8%**

J = Estimated.

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-8	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-08
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
Dichlorodifluoromethane	0.50	1.7	<	0.50
Chloromethane	1.0	3.3	<	1.0
Vinyl Chloride	0.50	1.7	<	0.50
Bromomethane	5.0	17	<	5.0
Chloroethane	5.0	17	<	5.0
Trichlorofluoromethane	0.50	1.7	<	0.50
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	0.50
1,1-Dichloroethene	0.50	1.7	<	0.50
Acetone	20	67	<	20
Carbon Disulfide	0.50	1.7	<	0.50
Methylene Chloride	2.0	6.7	<	2.0
Methyl-t-butyl Ether	0.50	1.7	<	0.50
t-1,2-Dichloroethene	0.50	1.7	<	0.50
n-Hexane	0.50	1.7	<	0.50
1,1-Dichloroethane	0.50	1.7	<	0.50
Diisopropyl Ether	0.50	1.7	<	0.50
2,2-Dichloropropane	0.50	1.7	<	0.50
c-1,2-Dichloroethene	0.50	1.7	<	0.50
2-Butanone (MEK)	20	67	<	20
Tetrahydrofuran	10	33	<	10
Bromochloromethane	0.50	1.7	<	0.50
Chloroform	0.50	1.7	<	0.50
1,1,1-Trichloroethane	0.50	1.7	<	0.50
Carbon Tetrachloride	0.50	1.7	<	0.50
1,1-Dichloropropene	0.50	1.7	<	0.50
Benzene	0.50	1.7	<	0.50
1,2-Dichloroethane	0.50	1.7	<	0.50
Trichloroethene	0.50	1.7	<	0.50
1,2-Dichloropropane	0.50	1.7	<	0.50
Dibromomethane	0.50	1.7	<	0.50
Bromodichloromethane	0.50	1.7	<	0.50
c-1,3-Dichloropropene	0.50	1.7	<	0.50

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-8	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-08
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	<	20
Toluene	0.50	1.7	<	0.50
1,1,2-Trichloroethane	0.50	1.7	<	0.50
t-1,3-Dichloropropene	0.50	1.7	<	0.50
Tetrachloroethene	0.50	1.7	<	0.50
1,3-Dichloropropane	0.50	1.7	<	0.50
2-Hexanone	20	67	<	20
Dibromochloromethane	0.50	1.7	<	0.50
1,2-Dibromoethane	0.50	1.7	<	0.50
Chlorobenzene	0.50	1.7	<	0.50
1,1,1,2-Tetrachloroethane	0.50	1.7	<	0.50
Ethylbenzene	0.50	1.7	<	0.50
m+p-Xylene	1.0	3.3	<	1.0
o-Xylene	0.50	1.7	<	0.50
Styrene	0.50	1.7	<	0.50
Bromoform	0.50	1.7	<	0.50
Isopropylbenzene	0.50	1.7	<	0.50
1,1,2,2-Tetrachloroethane	0.50	1.7	<	0.50
Bromobenzene	0.50	1.7	<	0.50
1,2,3-Trichloropropane	1.0	3.3	<	1.0
n-Propyl benzene	0.50	1.7	<	0.50
2-Chlorotoluene	0.50	1.7	<	0.50
1,3,5-Trimethylbenzene	0.50	1.7	<	0.50
4-Chlorotoluene	0.50	1.7	<	0.50
t-Butyl benzene	0.50	1.7	<	0.50
1,2,4-Trimethylbenzene	0.50	1.7	<	0.50
sec-Butyl benzene	0.50	1.7	<	0.50
1,3-Dichlorobenzene	0.50	1.7	<	0.50
p-Isopropyl toluene	0.50	1.7	<	0.50
1,4-Dichlorobenzene	0.50	1.7	<	0.50
n-Butyl benzene	0.50	1.7	<	0.50
1,2-Dichlorobenzene	0.50	1.7	<	0.50

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-8	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-08
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	0.50
1,2,4-Trichlorobenzene	2.0	6.7	<	2.0
Hexachlorobutadiene	2.0	6.7	<	2.0
Naphthalene	5.0	17	<	5.0
1,2,3-Trichlorobenzene	2.0	6.7	<	2.0
Dibromofluoromethane				**105%**
Toluene-D8				**101%**
4-Bromofluorobenzene				**102%**

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-8A	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-09
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result	
Dichlorodifluoromethane	0.50	1.7	<	0.50	
Chloromethane	1.0	3.3	<	1.0	
Vinyl Chloride	0.50	1.7	<	0.50	
Bromomethane	5.0	17	<	5.0	
Chloroethane	5.0	17	<	5.0	
Trichlorofluoromethane	0.50	1.7	<	0.50	
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	0.50	
1,1-Dichloroethene	0.50	1.7	<	0.50	
Acetone	20	67	<	20	
Carbon Disulfide	0.50	1.7	<	0.50	
Methylene Chloride	2.0	6.7	<	2.0	
Methyl-t-butyl Ether	0.50	1.7	<	0.50	
t-1,2-Dichloroethene	0.50	1.7	<	0.50	
n-Hexane	0.50	1.7	<	0.50	
1,1-Dichloroethane	0.50	1.7	<	0.50	
Diisopropyl Ether	0.50	1.7	<	0.50	
2,2-Dichloropropane	0.50	1.7	<	0.50	
c-1,2-Dichloroethene	0.50	1.7	<	0.50	
2-Butanone (MEK)	20	67	<	20	
Tetrahydrofuran	10	33	<	10	
Bromochloromethane	0.50	1.7	<	0.50	
Chloroform	0.50	1.7		**1.1**	**J**
1,1,1-Trichloroethane	0.50	1.7	<	0.50	
Carbon Tetrachloride	0.50	1.7	<	0.50	
1,1-Dichloropropene	0.50	1.7	<	0.50	
Benzene	0.50	1.7	<	0.50	
1,2-Dichloroethane	0.50	1.7	<	0.50	
Trichloroethene	0.50	1.7	<	0.50	
1,2-Dichloropropane	0.50	1.7	<	0.50	
Dibromomethane	0.50	1.7	<	0.50	
Bromodichloromethane	0.50	1.7		**1.1**	**J**
c-1,3-Dichloropropene	0.50	1.7	<	0.50	

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-8A	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-09
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result	
4-Methyl-2-pentanone (MIBK)	20	67	<	20	
Toluene	0.50	1.7	<	0.50	
1,1,2-Trichloroethane	0.50	1.7	<	0.50	
t-1,3-Dichloropropene	0.50	1.7	<	0.50	
Tetrachloroethene	0.50	1.7	<	0.50	
1,3-Dichloropropane	0.50	1.7	<	0.50	
2-Hexanone	20	67	<	20	
Dibromochloromethane	0.50	1.7		**1.3**	**J**
1,2-Dibromoethane	0.50	1.7	<	0.50	
Chlorobenzene	0.50	1.7	<	0.50	
1,1,1,2-Tetrachloroethane	0.50	1.7	<	0.50	
Ethylbenzene	0.50	1.7	<	0.50	
m+p-Xylene	1.0	3.3	<	1.0	
o-Xylene	0.50	1.7	<	0.50	
Styrene	0.50	1.7	<	0.50	
Bromoform	0.50	1.7		**0.82**	**J**
Isopropylbenzene	0.50	1.7	<	0.50	
1,1,2,2-Tetrachloroethane	0.50	1.7	<	0.50	
Bromobenzene	0.50	1.7	<	0.50	
1,2,3-Trichloropropane	1.0	3.3	<	1.0	
n-Propyl benzene	0.50	1.7	<	0.50	
2-Chlorotoluene	0.50	1.7	<	0.50	
1,3,5-Trimethylbenzene	0.50	1.7	<	0.50	
4-Chlorotoluene	0.50	1.7	<	0.50	
t-Butyl benzene	0.50	1.7	<	0.50	
1,2,4-Trimethylbenzene	0.50	1.7	<	0.50	
sec-Butyl benzene	0.50	1.7	<	0.50	
1,3-Dichlorobenzene	0.50	1.7	<	0.50	
p-Isopropyl toluene	0.50	1.7	<	0.50	
1,4-Dichlorobenzene	0.50	1.7	<	0.50	
n-Butyl benzene	0.50	1.7	<	0.50	
1,2-Dichlorobenzene	0.50	1.7	<	0.50	

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-8A	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-09
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	0.50
1,2,4-Trichlorobenzene	2.0	6.7	<	2.0
Hexachlorobutadiene	2.0	6.7	<	2.0
Naphthalene	5.0	17	<	5.0
1,2,3-Trichlorobenzene	2.0	6.7	<	2.0
Dibromofluoromethane				**103%**
Toluene-D8				**101%**
4-Bromofluorobenzene				**98.2%**

J = Estimated.

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-8B	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-10
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
Dichlorodifluoromethane	0.50	1.7	<	0.50
Chloromethane	1.0	3.3	<	1.0
Vinyl Chloride	0.50	1.7	<	0.50
Bromomethane	5.0	17	<	5.0
Chloroethane	5.0	17	<	5.0
Trichlorofluoromethane	0.50	1.7	<	0.50
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	0.50
1,1-Dichloroethene	0.50	1.7	<	0.50
Acetone	20	67	<	20
Carbon Disulfide	0.50	1.7	<	0.50
Methylene Chloride	2.0	6.7	<	2.0
Methyl-t-butyl Ether	0.50	1.7	<	0.50
t-1,2-Dichloroethene	0.50	1.7	<	0.50
n-Hexane	0.50	1.7	<	0.50
1,1-Dichloroethane	0.50	1.7	<	0.50
Diisopropyl Ether	0.50	1.7	<	0.50
2,2-Dichloropropane	0.50	1.7	<	0.50
c-1,2-Dichloroethene	0.50	1.7	<	0.50
2-Butanone (MEK)	20	67	<	20
Tetrahydrofuran	10	33	<	10
Bromochloromethane	0.50	1.7	<	0.50
Chloroform	0.50	1.7	<	0.50
1,1,1-Trichloroethane	0.50	1.7	<	0.50
Carbon Tetrachloride	0.50	1.7	<	0.50
1,1-Dichloropropene	0.50	1.7	<	0.50
Benzene	0.50	1.7	<	0.50
1,2-Dichloroethane	0.50	1.7	<	0.50
Trichloroethene	0.50	1.7	<	0.50
1,2-Dichloropropane	0.50	1.7	<	0.50
Dibromomethane	0.50	1.7	<	0.50
Bromodichloromethane	0.50	1.7	<	0.50
c-1,3-Dichloropropene	0.50	1.7	<	0.50

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-8B	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-10
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit	Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	< 20
Toluene	0.50	1.7	< 0.50
1,1,2-Trichloroethane	0.50	1.7	< 0.50
t-1,3-Dichloropropene	0.50	1.7	< 0.50
Tetrachloroethene	0.50	1.7	< 0.50
1,3-Dichloropropane	0.50	1.7	< 0.50
2-Hexanone	20	67	< 20
Dibromochloromethane	0.50	1.7	< 0.50
1,2-Dibromoethane	0.50	1.7	< 0.50
Chlorobenzene	0.50	1.7	< 0.50
1,1,1,2-Tetrachloroethane	0.50	1.7	< 0.50
Ethylbenzene	0.50	1.7	< 0.50
m+p-Xylene	1.0	3.3	< 1.0
o-Xylene	0.50	1.7	< 0.50
Styrene	0.50	1.7	< 0.50
Bromoform	0.50	1.7	< 0.50
Isopropylbenzene	0.50	1.7	< 0.50
1,1,2,2-Tetrachloroethane	0.50	1.7	< 0.50
Bromobenzene	0.50	1.7	< 0.50
1,2,3-Trichloropropane	1.0	3.3	< 1.0
n-Propyl benzene	0.50	1.7	< 0.50
2-Chlorotoluene	0.50	1.7	< 0.50
1,3,5-Trimethylbenzene	0.50	1.7	< 0.50
4-Chlorotoluene	0.50	1.7	< 0.50
t-Butyl benzene	0.50	1.7	< 0.50
1,2,4-Trimethylbenzene	0.50	1.7	< 0.50
sec-Butyl benzene	0.50	1.7	< 0.50
1,3-Dichlorobenzene	0.50	1.7	< 0.50
p-Isopropyl toluene	0.50	1.7	< 0.50
1,4-Dichlorobenzene	0.50	1.7	< 0.50
n-Butyl benzene	0.50	1.7	< 0.50
1,2-Dichlorobenzene	0.50	1.7	< 0.50

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8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	MW-8B	Dilution Factor:	1
Date Collected:	10/25/07	Lab Sample Number:	0710055-10
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	0.50
1,2,4-Trichlorobenzene	2.0	6.7	<	2.0
Hexachlorobutadiene	2.0	6.7	<	2.0
Naphthalene	5.0	17	<	5.0
1,2,3-Trichlorobenzene	2.0	6.7	<	2.0
Dibromofluoromethane				**103%**
Toluene-D8				**102%**
4-Bromofluorobenzene				**101%**

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by:

Date: 11/2/07

8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	Dup-1	Dilution Factor:	10
Date Collected:	10/25/07	Lab Sample Number:	0710055-11
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
Dichlorodifluoromethane	0.50	1.7	<	5.0
Chloromethane	1.0	3.3	<	10
Vinyl Chloride	0.50	1.7	<	5.0
Bromomethane	5.0	17	<	50
Chloroethane	5.0	17	<	50
Trichlorofluoromethane	0.50	1.7	<	5.0
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	5.0
1,1-Dichloroethene	0.50	1.7	<	5.0
Acetone	20	67	<	200
Carbon Disulfide	0.50	1.7	<	5.0
Methylene Chloride	2.0	6.7	<	20
Methyl-t-butyl Ether	0.50	1.7	<	5.0
t-1,2-Dichloroethene	0.50	1.7	<	5.0
n-Hexane	0.50	1.7	<	5.0
1,1-Dichloroethane	0.50	1.7	<	5.0
Diisopropyl Ether	0.50	1.7	<	5.0
2,2-Dichloropropane	0.50	1.7	<	5.0
c-1,2-Dichloroethene	0.50	1.7		**310**
2-Butanone (MEK)	20	67	<	200
Tetrahydrofuran	10	33	<	100
Bromochloromethane	0.50	1.7	<	5.0
Chloroform	0.50	1.7	<	5.0
1,1,1-Trichloroethane	0.50	1.7	<	5.0
Carbon Tetrachloride	0.50	1.7	<	5.0
1,1-Dichloropropene	0.50	1.7	<	5.0
Benzene	0.50	1.7	<	5.0
1,2-Dichloroethane	0.50	1.7	<	5.0
Trichloroethene	0.50	1.7		**120**
1,2-Dichloropropane	0.50	1.7	<	5.0
Dibromomethane	0.50	1.7	<	5.0
Bromodichloromethane	0.50	1.7	<	5.0
c-1,3-Dichloropropene	0.50	1.7	<	5.0

Method Reference: Modified 8260

WI Lab Certification #113289110

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2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by:

Date: 11/2/07

8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	Dup-1	Dilution Factor:	10
Date Collected:	10/25/07	Lab Sample Number:	0710055-11
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
4-Methyl-2-pentanone (MIBK)	20	67	<	200
Toluene	0.50	1.7	<	5.0
1,1,2-Trichloroethane	0.50	1.7	<	5.0
t-1,3-Dichloropropene	0.50	1.7	<	5.0
Tetrachloroethene	0.50	1.7		**390**
1,3-Dichloropropane	0.50	1.7	<	5.0
2-Hexanone	20	67	<	200
Dibromochloromethane	0.50	1.7	<	5.0
1,2-Dibromoethane	0.50	1.7	<	5.0
Chlorobenzene	0.50	1.7	<	5.0
1,1,1,2-Tetrachloroethane	0.50	1.7	<	5.0
Ethylbenzene	0.50	1.7	<	5.0
m+p-Xylene	1.0	3.3	<	10
o-Xylene	0.50	1.7	<	5.0
Styrene	0.50	1.7	<	5.0
Bromoform	0.50	1.7	<	5.0
Isopropylbenzene	0.50	1.7	<	5.0
1,1,2,2-Tetrachloroethane	0.50	1.7	<	5.0
Bromobenzene	0.50	1.7	<	5.0
1,2,3-Trichloropropane	1.0	3.3	<	10
n-Propyl benzene	0.50	1.7	<	5.0
2-Chlorotoluene	0.50	1.7	<	5.0
1,3,5-Trimethylbenzene	0.50	1.7	<	5.0
4-Chlorotoluene	0.50	1.7	<	5.0
t-Butyl benzene	0.50	1.7	<	5.0
1,2,4-Trimethylbenzene	0.50	1.7	<	5.0
sec-Butyl benzene	0.50	1.7	<	5.0
1,3-Dichlorobenzene	0.50	1.7	<	5.0
p-Isopropyl toluene	0.50	1.7	<	5.0
1,4-Dichlorobenzene	0.50	1.7	<	5.0
n-Butyl benzene	0.50	1.7	<	5.0
1,2-Dichlorobenzene	0.50	1.7	<	5.0

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by:

Date: 11/4/07

8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	Dup-1	Dilution Factor:	10
Date Collected:	10/25/07	Lab Sample Number:	0710055-11
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	5.0
1,2,4-Trichlorobenzene	2.0	6.7	<	20
Hexachlorobutadiene	2.0	6.7	<	20
Naphthalene	5.0	17	<	50
1,2,3-Trichlorobenzene	2.0	6.7	<	20
Dibromofluoromethane				**106%**
Toluene-D8				**100%**
4-Bromofluorobenzene				**101%**

Method Reference: Modified 8260

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Approved by:

Date: 11/2/07

8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	Dup-2	Dilution Factor:	200
Date Collected:	10/26/07	Lab Sample Number:	0710055-17
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result	
Dichlorodifluoromethane	0.50	1.7	<	100	
Chloromethane	1.0	3.3	<	200	
Vinyl Chloride	0.50	1.7	<	100	
Bromomethane	5.0	17	<	1000	
Chloroethane	5.0	17	<	1000	
Trichlorofluoromethane	0.50	1.7	<	100	
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	100	
1,1-Dichloroethene	0.50	1.7	<	100	
Acetone	20	67	<	4000	
Carbon Disulfide	0.50	1.7	<	100	
Methylene Chloride	2.0	6.7	<	400	
Methyl-t-butyl Ether	0.50	1.7	<	100	
t-1,2-Dichloroethene	0.50	1.7	<	100	
n-Hexane	0.50	1.7	<	100	
1,1-Dichloroethane	0.50	1.7	<	100	
Diisopropyl Ether	0.50	1.7	<	100	
2,2-Dichloropropane	0.50	1.7	<	100	
c-1,2-Dichloroethene	0.50	1.7		**310**	**J**
2-Butanone (MEK)	20	67	<	4000	
Tetrahydrofuran	10	33	<	2000	
Bromochloromethane	0.50	1.7	<	100	
Chloroform	0.50	1.7	<	100	
1,1,1-Trichloroethane	0.50	1.7	<	100	
Carbon Tetrachloride	0.50	1.7	<	100	
1,1-Dichloropropene	0.50	1.7	<	100	
Benzene	0.50	1.7	<	100	
1,2-Dichloroethane	0.50	1.7	<	100	
Trichloroethene	0.50	1.7		**1100**	
1,2-Dichloropropane	0.50	1.7	<	100	
Dibromomethane	0.50	1.7	<	100	
Bromodichloromethane	0.50	1.7	<	100	
c-1,3-Dichloropropene	0.50	1.7	<	100	

Method Reference: Modified 8260

WI Lab Certification #113289110

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2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by:

Date: 11/2/07

8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	Dup-2	Dilution Factor:	200
Date Collected:	10/26/07	Lab Sample Number:	0710055-17
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result	
4-Methyl-2-pentanone (MIBK)	20	67	<	4000	
Toluene	0.50	1.7	<	100	
1,1,2-Trichloroethane	0.50	1.7		**190**	**J**
t-1,3-Dichloropropene	0.50	1.7	<	100	
Tetrachloroethene	0.50	1.7		**5200**	
1,3-Dichloropropane	0.50	1.7	<	100	
2-Hexanone	20	67	<	4000	
Dibromochloromethane	0.50	1.7	<	100	
1,2-Dibromoethane	0.50	1.7	<	100	
Chlorobenzene	0.50	1.7	<	100	
1,1,1,2-Tetrachloroethane	0.50	1.7	<	100	
Ethylbenzene	0.50	1.7	<	100	
m+p-Xylene	1.0	3.3	<	200	
o-Xylene	0.50	1.7	<	100	
Styrene	0.50	1.7	<	100	
Bromoform	0.50	1.7	<	100	
Isopropylbenzene	0.50	1.7	<	100	
1,1,2,2-Tetrachloroethane	0.50	1.7	<	100	
Bromobenzene	0.50	1.7	<	100	
1,2,3-Trichloropropane	1.0	3.3	<	200	
n-Propyl benzene	0.50	1.7	<	100	
2-Chlorotoluene	0.50	1.7	<	100	
1,3,5-Trimethylbenzene	0.50	1.7	<	100	
4-Chlorotoluene	0.50	1.7	<	100	
t-Butyl benzene	0.50	1.7	<	100	
1,2,4-Trimethylbenzene	0.50	1.7	<	100	
sec-Butyl benzene	0.50	1.7	<	100	
1,3-Dichlorobenzene	0.50	1.7	<	100	
p-Isopropyl toluene	0.50	1.7	<	100	
1,4-Dichlorobenzene	0.50	1.7	<	100	
n-Butyl benzene	0.50	1.7	<	100	
1,2-Dichlorobenzene	0.50	1.7	<	100	

Method Reference: Modified 8260

WI Lab Certification #113289110

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2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by:

Date: 11/4/07

8260 VOCs
Summary of Test Results

Project Name:	DB Oak	Date Analyzed:	10/30/07
Project Location:	Fort Atkinson, Wisconsin	Concentration:	ug/L
Sample ID:	Dup-2	Dilution Factor:	200
Date Collected:	10/26/07	Lab Sample Number:	0710055-17
Sample Type:	Water		

Compound	Reporting Detection Limit	Quantitation Limit		Sample Result
1,2-Dibromo-3-chloropropane	0.50	1.7	<	100
1,2,4-Trichlorobenzene	2.0	6.7	<	400
Hexachlorobutadiene	2.0	6.7	<	400
Naphthalene	5.0	17	<	1000
1,2,3-Trichlorobenzene	2.0	6.7	<	400
Dibromofluoromethane				**102%**
Toluene-D8				**103%**
4-Bromofluorobenzene				**100%**

J = Estimated.

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: 

Date: 11/2/07

0710055

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY

No. 018307 *

Page 1 of 2

Project Number:	0451-003-800	Mail Report To:	Mark McCulloch
Project Name:	D3 oak	Company:	New Fields
Project Location:	Ft. Atkinson, WI	Address:	2110 Luann Ln Ste 101 Madison, WI 53713
Sampled By (Print):	Derek Zoellner		

Turn Around (circle one) (Normal) Rush
Report Due:
Invoice To: Mark McCulloch
Company: New Fields
Address:
P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
MW-1	10/25/07	0900	GW	2	HCl	VOCs 8260	0710055-	01
MW-5		0740		2				-02
MW-6		0820		2				-03
MW-6A		0815		2				-04
MW-7		1230		2				-05
MW-7A		1200		2				-06
MW-7B		1245		2				-07
MW-8		1040		2				-08
MW-8A		1030		2				-09
MW-8B		1020		2				-10
Dup-1				2				-11
MW-4		1400		2				-12

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore (F=Methanol)
G=NaOH O=Other(Indicate)

Relinquished By:	Date/Time: 10/26/07 1530	Received By: Jamie Lefey 10/26/07	Date/Time: 1530
Relinquished By:	Date/Time:	Received By:	Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s
Shipped Via: Drop off

Receipt Temp: 6nice
Temp Blank Y N

WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER

0710055

Environmental Chemistry Consulting Services, Inc.
2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY

No. 018308 *
Page 2 of 2

Turn Around (circle one)	(Normal) Rush
Report Due:	
Invoice To:	Mark McColloch
Company:	Same
Address:	
P.O. No.:	Quote No.:

Project Number:	0451-003-800
Project Name:	D3 Oak
Project Location:	Ft. Atkinson, WI
Sampled By (Print):	Derek Zoellner
Mail Report To:	Mark McColloch
Company:	New Fields
Address:	210 Lunn Ln Ste 101, Madison, WI 53713

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
MW-4A	10/25/07	1430	GW	2	HCl	VOCs 8260	0710055	-~~01~~ 13
MW-2	10/26/07	0830	↓	2	↓	↓	↓	-14
MW-2A	↓	0800	↓	2	↓	↓	↓	-15
MW-2B	↓	0900	↓	2	↓	↓	↓	-16
Dup-2	↓		↓	2	↓	↓	↓	-17
MW-3	↓	0930	↓	2	↓	↓	↓	-18
MW-3A	↓	1030	↓	2	↓	↓	↓	-19
MW-3B	↓	0945	↓	2	↓	↓	↓	-20
MW-3C	↓	1200	↓	2	↓	↓	↓	-21
Trip Blank	↓					↓	↓	-22

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore (F=Methanol)
G=NaOH O=Other(Indicate)

Relinquished By: [signature]	Date/Time: 10/26/07 1530	Received By: Jamie L. Lee [signature]	Date/Time: 10/26/07 1530
Relinquished By:	Date/Time:	Received By:	Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s
Receipt Temp: on ice
Temp Blank Y N
Shipped Via: Drop off

WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER

(1) Entry [illegible] should read 13 [illegible]

Appendix D

City Well Construction Logs for Fort Atkinson

WISCONSIN UNIQUE WELL NUMBER **BF999**
Source: SWAP PROJECT KEYED

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 02/02)bw

Depth 1066 FT

Property Owner: FORT ATKINSON, CITY OF
Telephone Number: 920-563-7775
Mailing Address: 37 N WATER ST
City: FORT ATKINSON
State: WI
Zip Code: 53538
County of Well Location: 28 JEFFERSON
Co Well Permit No: W
Well Completion Date: July 17, 1987

1. Well Location
T=Town C=City V=Village: C of FORT ATKINSON
Fire#:
Street Address or Road Name and Number: N WATER ST #3 W
Subdivision Name:
Lot#:
Block #:
Gov't Lot or SE 1/4 of NE 1/4 of Section 4 T 5 N;R 14 E
Latitude Deg. 42 Min. 55 Sec. 33.97
Longitude Deg 88 Min. 50 Sec. 22.22

Well Constructor: WEST, ART
License #:
Facility ID (Public): 128010300
Address:
Public Well Plan Approval#:
City:
State:
Zip Code:
Date Of Approval: 01/01/1931
Hicap Permanent Well #: 80071
Common Well #: 3
Specific Capacity: 14.9 gpm/ft

2. Well Type 3 (See item 12 below)
1=New 2=Replacement 3=Reconstruction
Lat/Long Method: 83
of previous unique well # _____ constructed in 1931
Reason for replaced or reconstructed Well?

3. Well Serves M # of homes and or (eg: barn, restaurant, church, school, industry, etc.)
M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop H=Drillhole
High Capacity: Well?
Property?
1 1=Drilled 2=Driven Point 3=Jetted 4=Other

4. Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties?
Well located in floodplain?
Distance in feet from well to nearest: (including proposed)

1. Landfill
2. Building Overhang
3. 1=Septic 2= Holding Tank
4. Sewage Absorption Unit
5. Nonconforming Pit
6. Buried Home Heating Oil Tank
7. Buried Petroleum Tank
8. 1=Shoreline 2= Swimming Pool
9. Downspout/ Yard Hydrant
10. Privy
11. Foundation Drain to Clearwater
12. Foundation Drain to Sewer
13. Building Drain 1=Cast Iron or Plastic 2=Other
14. Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15. Collector Sewer: ___ units ___ in . diam.
16. Clearwater Sump
17. Wastewater Sump
18. Paved Animal Barn Pen
19. Animal Yard or Shelter
20. Silo
21. Barn Gutter
22. Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic2=Other
23. Other manure Storage
24. Ditch
25. Other NR 812 Waste Source

5. Drillhole Dimensions and Construction Method

Dia.(in.)	From (ft)	To (ft)
20.0	surface	252
19.0	252	261
15.0	261	1066

Upper Enlarged Drillhole
-- 1. Rotary - Mud Circulation
-- 2. Rotary - Air
-- 3. Rotary - Air and Foam
-- 4. Drill-Through Casing Hammer
-- 5. Reverse Rotary
-- 6. Cable-tool Bit . in. dia
-- 7. Temp. Outer Casing _____ in. dia._____ depth ft. Removed ?
Other
Lower Open Bedrock

6. Casing Liner Screen

Dia. (in.)	Material, Weight, Specification Manufacturer & Method of Assembly	From (ft.)	To (ft.)
20.0	OD DRIVE PIPE	surface	252
16.0	G W I PIPE	0	261
12.0	LINER(1987)	0	269

Dia.(in.)	Screen type, material & slot size	From	To

7. Grout or Other Sealing Material

Method / Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement
GROUT(1987)	surface	269.0	

Geology Codes	8. Geology Type, Caving/Noncaving, Color, Hardness, etc	From (ft.)	To (ft.)
K_I_	SOIL	0	5
__Y_	GRAVEL @ SAND	5	30
__CL	CLAY	30	135
__Y_	SAND @ GRAVEL	135	220
G_ML	SILT	220	230
__Y_	GRAVEL @ SAND	230	252
I_NL	SANDSTONE FRANCONIAN	252	345
__NL	SANDSTONE EAU CLAIRE	345	440
E_HL	SHALE EAU CLAIRE	440	455
I_NL	SANDSTONE EAU CLAIRE	455	595
I_N_	SANDSTONE MT SIMON	595	965
G_N_	SANDSTONE MT SIMON	965	1025

9. Static Water Level
0.0 feet B ground surface
A=Above B=Below

10. Pump Test
Pumping level 84.0 ft. below surface
Pumping at 1250.0 GP M 0.0 Hrs

11. Well Is: 0 in. Grade A=Above B=Below
Developed?
Disinfected?
Capped?

12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?
If no, explain

13. Initials of Well Constructor or Supervisory Driller Date Signed

Initials of Drill Rig Operator (Mandatory unless same as above) Date Signed

Additonal Comments?
Owner Sent Label? Y
Variance Issued?
More Geology?

Batch 538

WISCONSIN UNIQUE WELL NUMBER
SOURCE: SWAP PROJECT KEYED **BG000**

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 12/00)

Property Owner: FORT ATKINSON, CITY OF
Telephone Number: 920 – 563 – 7775
Mailing Address: 37 N WATER ST
City: FORT ATKINSON
State: WI
Zip Code: 53538
County of Well Location: 28 JEFFERSON
Co Well Permit No W:
Well Completion Date: January 1, 1946

Depth 1030 FT

1. Well Location
C of FORT ATKINSON (T=Town C=City V=Village)
Fire#:
Street Address or Road Name and Number: N WATER ST E #4
Subdivision Name:
Lot#:
Block #:
Gov't Lot:
Section 3 T 5 N R 14 E or SW 1/4 of NW 1/4 of
Latitude Deg. 42 Min. 55 Sec. 33.03
Longitude Deg 88 Min. 50 Sec. 3.99

Well Constructor: LAYNE CHRISTENSEN
License #: 582
Facility ID (Public): 128010300
Address: W229 N5005 DUPLAINVI
Public Well Plan Approval#:
City: PEWAUKEE
State: WI
Zip Code: 53072
Date Of Approval: 10/24/1945
Hicap Permanent Well #: 80072
Common Well #:
197 gpm/ft

2. Well Type 1 (1=New, 2=Replacement, 3=Reconstruction) (See item 12 below)
of previous unique well # _____ constructed in 0
Reason for replaced or reconstructed Well?
Lat/Long Method: 83

3. Well Serves M (M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop H=Drillhole) # of homes and or (eg: barn, restaurant, church, school, industry, etc.)
High Capacity: Well? Property?
1 (1=Drilled 2=Driven Point 3=Jetted 4=Other)

4. Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties?
Well located in floodplain?
Distance in feet from well to nearest:(including proposed)
1. Landfill
2. Building Overhang
3. 1=Septic 2= Holding Tank
4. Sewage Absorption Unit
5. Nonconforming Pit
6. Buried Home Heating Oil Tank
7. Buried Petroleum Tank
8. 1=Shoreline 2= Swimming Pool
9. Downspout/ Yard Hydrant
10. Privy
11. Foundation Drain to Clearwater
12. Foundation Drain to Sewer
13. Building Drain 1=Cast Iron or Plastic 2=Other
14. Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15. Collector Sewer: ___ units ___ in . diam.
16. Clearwater Sump
17. Wastewater Sump
18. Paved Animal Barn Pen
19. Animal Yard or Shelter
20. Silo
21. Barn Gutter
22. Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic 2=Other
23. Other manure Storage
24. Ditch
25. Other NR 812 Waste Source

5. Drillhole Dimensions and Construction Method

Dia.(in.)	From (ft)	To (ft)
48.0	surface	15
26.0	15	280
15.0	280	1030

Upper Enlarged Drillhole — Lower Open Bedrock
-- 1. Rotary - Mud Circulation
-- 2. Rotary - Air
-- 3. Rotary - Air and Foam
-- 4. Drill-Through Casing Hammer
-- 5. Reverse Rotary
-- 6. Cable-tool Bit _____ in. dia
-- 7. Temp. Outer Casing _____ in. dia._____ depth ft. Removed ?
Other

6. Casing Liner Screen Material, Weight, Specification Manufacturer & Method of Assembly

Dia. (in.)	From (ft.)	To (ft.)
48.0	surface	15
16.0	0	280

Dia.(in.)	Screen type, material & slot size	From	To

7. Grout or Other Sealing Material

Method / Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement
	surface		

8. Geology

Geology Codes	Type, Caving/Noncaving, Color, Hardness, etc	From (ft.)	To (ft.)
_FP	FILL	0	12
_AG_	GRAVEL	12	68
_C_	CLAY	68	212
_PG	HARDPAN	212	235
_AG_	GRAVEL	235	268
_PG	HARDPAN	268	277
G_NL	SANDSTONE FRANCO	277	320
I_N_	SANDSTONE DRESB	320	355
I_N_	SANDSTONE EC	355	370
_HML	SILTSTONE EC	370	375
_NNL	SANDSTONE EC	375	400
_HM	SHALE EC	400	455

9. Static Water Level
0.0 feet B ground surface (A=Above B=Below)

10. Pump Test
Pumping level 61.0 ft. below surface
Pumping at 1200 GPM 8.00 Hrs

11. Well Is:
0 in. A=Above B=Below Grade
Developed?
Disinfected?
Capped?

12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?
If no, explain

13. Initials of Well Constructor or Supervisory Driller
Date Signed

WISCONSIN UNIQUE WELL NUMBER **BG001**

Source: SWAP PROJECT KEYED

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 02/02)bw

Property Owner: FORT ATKINSON, CITY OF
Telephone Number: 920-563-7775
Mailing Address: 37 N WATER ST
City: FORT ATKINSON
State: WI
Zip Code: 53538
County of Well Location: 28 JEFFERSON
Co Well Permit No: W
Well Completion Date: January 1, 1952

Depth 1030 FT

1. Well Location

T=Town C=City V=Village: C of FORT ATKINSON
Fire#:
Street Address or Road Name and Number: JONES PARK #5
Subdivision Name:
Lot#:
Block #:
Gov't Lot or SE 1/4 of SE 1/4 of Section 4 T 5 N;R 14 E
Latitude Deg. 42 Min. 55 Sec. 7.43
Longitude Deg 88 Min. 50 Sec. 21.81

Well Constructor: LAYNE CHRISTENSEN COMPANY
License #: 582
Facility ID (Public): 128010300
Address: W229 N5005 DUPLAINVI
Public Well Plan Approval#:
City: PEWAUKEE
State: WI
Zip Code: 53072
Date Of Approval: 01/01/1952
Hicap Permanent Well #: 80072
Common Well #: 5
Specific Capacity: 11.2 gpm/ft

2. Well Type 1 (See item 12 below)
1=New 2=Replacement 3=Reconstruction
Lat/Long Method: 83
of previous unique well # _____ constructed in 0
Reason for replaced or reconstructed Well?

3. Well Serves M # of homes and or (eg: barn, restaurant, church, school, industry, etc.)
M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop H=Drillhole
High Capacity: Well?
Property?

1 1=Drilled 2=Driven Point 3=Jetted 4=Other

4. Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties?
Well located in floodplain?
Distance in feet from well to nearest: (including proposed)

1. Landfill
2. Building Overhang
3. 1=Septic 2= Holding Tank
4. Sewage Absorption Unit
5. Nonconforming Pit
6. Buried Home Heating Oil Tank
7. Buried Petroleum Tank
8. 1=Shoreline 2= Swimming Pool
9. Downspout/ Yard Hydrant
10. Privy
11. Foundation Drain to Clearwater
12. Foundation Drain to Sewer
13. Building Drain 1=Cast Iron or Plastic 2=Other
14. Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15. Collector Sewer: ___ units ___ in . diam.
16. Clearwater Sump
17. Wastewater Sump
18. Paved Animal Barn Pen
19. Animal Yard or Shelter
20. Silo
21. Barn Gutter
22. Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic2=Other
23. Other manure Storage
24. Ditch
25. Other NR 812 Waste Source

5. Drillhole Dimensions and Construction Method Lower Open Bedrock

Dia.(in.)	From (ft)	To (ft)
34.0	surface	40
28.0	40	257
16.0	257	1030

Upper Enlarged Drillhole
-- 1. Rotary - Mud Circulation
-- 2. Rotary - Air
-- 3. Rotary - Air and Foam
-- 4. Drill-Through Casing Hammer
-- 5. Reverse Rotary
-- 6. Cable-tool Bit in. dia
-- 7. Temp. Outer Casing _____ in. dia._____ depth ft. Removed ?
Other

6. Casing Liner Screen Material, Weight, Specification Manufacturer & Method of Assembly

Dia. (in.)	From (ft.)	To (ft.)
18.0	surface	257
16.0	235	265

Dia.(in.)	Screen type, material & slot size	From	To

7. Grout or Other Sealing Material

Method / Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement
CEMENT	surface	257.0	

Geology Codes	8. Geology Type, Caving/Noncaving, Color, Hardness, etc	From (ft.)	To (ft.)
Y_TL	TIL	0	10
__G_	GRAVEL	10	60
__X_	CLAY @ SAND	60	90
G_CT	CLAY @ TILL	90	220
__Y_	SAND @ GRAVEL	220	260
__NL	SANDSTONE FRANCONIAN	260	310
I_NL	SANDSTONE DRESBACH	310	365
_NNL	SANDSTONE EAU CLAIRE	365	435
E_HL	SHALE EC	435	445
_NNL	SANDSTONE EC	445	450
G_LM	DOLOMITE EC	450	460
__N_	SANDSTONE EC	460	615

9. Static Water Level
0.0 feet B ground surface
A=Above B=Below

10. Pump Test
Pumping level 107.0 ft. below surface
Pumping at 1200.0 GP M 12.0 Hrs

11. Well Is: 0 in. Grade
A=Above B=Below
Developed?
Disinfected?
Capped?

12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?
If no, explain

13. Initials of Well Constructor or Supervisory Driller Date Signed

Initials of Drill Rig Operator (Mandatory unless same as above) Date Signed

Additonal Comments?
Owner Sent Label? Y
Variance Issued?
More Geology?

Batch 538

WISCONSIN UNIQUE WELL NUMBER **BG002**

Source: SWAP PROJECT KEYED

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 02/02)bw

Depth **1015** FT

Property Owner: FORT ATKINSON, CITY OF		Telephone Number: 920-563-7775	
Mailing Address: 37 N WATER ST			
City: FORT ATKINSON	State: WI	Zip Code: 53538	
County of Well Location: 28 JEFFERSON	Co Well Permit No: W	Well Completion Date: January 1, 1958	

1. Well Location

T=Town C=City V=Village: C of FORT ATKINSON

Fire#:

Street Address or Road Name and Number: CLOUTE HILL #6

Subdivision Name: | Lot#: | Block #:

Gov't Lot **or** SE 1/4 of SW 1/4 of Section 33 T 6 N;R 14 E

Latitude Deg. 42 Min. 56 Sec. 9.78

Longitude Deg 88 Min. 50 Sec. 55.40

Well Constructor: LAYNE CHRISTENSEN COMPANY		License #: 582	Facility ID (Public): 128010300
Address: W229 N5005 DUPLAINVI			Public Well Plan Approval#:
City: PEWAUKEE	State: WI	Zip Code: 53072	Date Of Approval: 04/29/1955
Hicap Permanent Well #: 80074	Common Well #: 6		Specific Capacity: 97 gpm/ft

2. Well Type 1 (See item 12 below)

1=New 2=Replacement 3=Reconstruction

Lat/Long Method: 83

of previous unique well # _____ constructed in 0

Reason for replaced or reconstructed Well?

3. Well Serves # of homes and or (eg: barn, restaurant, church, school, industry, etc.): M

M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop H=Drillhole

High Capacity: Well? Property?

1 1=Drilled 2=Driven Point 3=Jetted 4=Other

4. Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties?

Well located in floodplain?

Distance in feet from well to nearest: (including proposed)

1. Landfill
2. Building Overhang
3. 1=Septic 2= Holding Tank
4. Sewage Absorption Unit
5. Nonconforming Pit
6. Buried Home Heating Oil Tank
7. Buried Petroleum Tank
8. 1=Shoreline 2= Swimming Pool
9. Downspout/ Yard Hydrant
10. Privy
11. Foundation Drain to Clearwater
12. Foundation Drain to Sewer
13. Building Drain 1=Cast Iron or Plastic 2=Other
14. Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15. Collector Sewer: ___ units ___ in . diam.
16. Clearwater Sump
17. Wastewater Sump
18. Paved Animal Barn Pen
19. Animal Yard or Shelter
20. Silo
21. Barn Gutter
22. Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic2=Other
23. Other manure Storage
24. Ditch
25. Other NR 812 Waste Source

5. Drillhole Dimensions and Construction Method

Dia.(in.)	From (ft)	To (ft)
48.0	surface	15
32.0	15	40
28.0	40	322
15.3	322	1015

Upper Enlarged Drillhole — Lower Open Bedrock

- 1. Rotary - Mud Circulation
- 2. Rotary - Air
- 3. Rotary - Air and Foam
- 4. Drill-Through Casing Hammer
- 5. Reverse Rotary
- 6. Cable-tool Bit in. dia
- 7. Temp. Outer Casing _____ in. dia._____ depth ft. Removed ?

Other

6. Casing Liner Screen Material, Weight, Specification Manufacturer & Method of Assembly

Dia. (in.)	From (ft.)	To (ft.)
18.0	surface	322
16.0	310	367

Dia.(in.)	Screen type, material & slot size	From	To

7. Grout or Other Sealing Material

Method / Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement
CEMENT	surface	322.0	

8. Geology

Geology Codes	Type, Caving/Noncaving, Color, Hardness, etc	From (ft.)	To (ft.)
G_SM	SAND	0	15
__G_	GRAVEL	15	130
__Y_	SAND @ GRAVEL	130	155
__Z_	CLAY @ GRAVEL	155	280
__TG	TIL @ GRAVEL	280	320
G_CL	CLAY	320	325
P_NL	SANDSTONE FRANCO	325	370
G_N_	SANDSTONE GALESV	370	410
__NL	SANDSTONE EC	410	475
_HM_	SILTSTONE EC	475	515
G_N_	SANDSTONE EC	515	625
__N_	SANDSTONE MT SIMON	625	1015

9. Static Water Level

91.0 feet B ground surface

A=Above B=Below

10. Pump Test

Pumping level 212.0 ft. below surface

Pumping at 1170.0 GP M 12.0 Hrs

11. Well Is: 0 in. Grade A=Above B=Below

Developed?

Disinfected?

Capped?

12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?

If no, explain

13. Initials of Well Constructor or Supervisory Driller Date Signed

Initials of Drill Rig Operator (Mandatory unless same as above) Date Signed

Additonal Comments?

Owner Sent Label? Y

Variance Issued?

More Geology?

Batch 538

WISCONSIN UNIQUE WELL NUMBER **BG003**

Source: SWAP PROJECT KEYED

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 02/02)bw

Depth **985** FT

Property Owner: FORT ATKINSON, CITY OF	Telephone Number: 920-563-7775	
Mailing Address: 37 N WATER ST		
City: FORT ATKINSON	State: WI	Zip Code: 53538
County of Well Location: 28 JEFFERSON	Co Well Permit No: W	Well Completion Date: May 25, 1967
Well Constructor: MILAEGER WELL @ PUMP CO INC	License #: 82	Facility ID (Public): 128010300
Address: 20950 ENTERPRISE AVE		Public Well Plan Approval#: 660768
City: BROOKFIELD	State: WI	Zip Code: 53045
Hicap Permanent Well #: 80075	Common Well #: 7	Date Of Approval: 10/04/1966
		Specific Capacity: 127 gpm/ft

1. Well Location

T=Town C=City V=Village: C of FORT ATKINSON

Fire#:

Street Address or Road Name and Number: JAMESWAY ST #7

Subdivision Name: | Lot#: | Block #:

Gov't Lot **or** SE 1/4 of SE 1/4 of Section 4 T 5 N;R 14 E

Latitude Deg. 42 Min. 55 Sec. 7.43

Longitude Deg 88 Min. 50 Sec. 21.81

2. Well Type 1 (See item 12 below)

1=New 2=Replacement 3=Reconstruction

Lat/Long Method: 83

of previous unique well # _____ constructed in 0

Reason for replaced or reconstructed Well?

3. Well Serves M # of homes and or (eg: barn, restaurant, church, school, industry, etc.)

M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop H=Drillhole

High Capacity: Well? Property?

1 1=Drilled 2=Driven Point 3=Jetted 4=Other

4. Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties?

Well located in floodplain?

Distance in feet from well to nearest: (including proposed)

1. Landfill
2. Building Overhang
3. 1=Septic 2= Holding Tank
4. Sewage Absorption Unit
5. Nonconforming Pit
6. Buried Home Heating Oil Tank
7. Buried Petroleum Tank
8. 1=Shoreline 2= Swimming Pool
9. Downspout/ Yard Hydrant
10. Privy
11. Foundation Drain to Clearwater
12. Foundation Drain to Sewer
13. Building Drain 1=Cast Iron or Plastic 2=Other
14. Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15. Collector Sewer: ___ units ___ in . diam.
16. Clearwater Sump
17. Wastewater Sump
18. Paved Animal Barn Pen
19. Animal Yard or Shelter
20. Silo
21. Barn Gutter
22. Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic2=Other
23. Other manure Storage
24. Ditch
25. Other NR 812 Waste Source

5. Drillhole Dimensions and Construction Method

Dia.(in.)	From (ft)	To (ft)
30.0	surface	100
26.0	100	235
25.0	235	344
17.0	344	935

Upper Enlarged Drillhole / Lower Open Bedrock

-- 1. Rotary - Mud Circulation
-- 2. Rotary - Air
-- 3. Rotary - Air and Foam
-- 4. Drill-Through Casing Hammer
-- 5. Reverse Rotary
-- 6. Cable-tool Bit . in. dia
-- 7. Temp. Outer Casing _____ in. dia._____ depth ft. Removed ?

Other

6. Casing Liner Screen

Dia. (in.)	Material, Weight, Specification Manufacturer & Method of Assembly	From (ft.)	To (ft.)
30.0	STEEL	surface	100
26.0	STEEL	0	235
18.0	STEL	0	344

Dia.(in.)	Screen type, material & slot size	From	To

7. Grout or Other Sealing Material

Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement
CEMENT	surface	344.0	

Geology Codes	8. Geology Type, Caving/Noncaving, Color, Hardness, etc	From (ft.)	To (ft.)
__Y_	SAND @ GRAVEL	0	225
Y_L_	DOLOMITE TREMP	225	265
R_H_	SHALE FRANCO	265	280
__N_	SANDSTONE FRANCO	280	320
O_N_	SANDSTONE IRONTON	320	375
__N_	SANDSTONE GALESV	375	450
__LS	DOLOMITE EC	450	470
_SH_	SHALE EC	470	475
G_L_	DOLOMITE EC	475	500
__N_	SANDSTONE MT SIMON	500	850
__A_	CONGLOMERATE MT SIM ON	850	915
__N_	SANDSTONE MT SIMON	915	985

9. Static Water Level

40.0 feet B ground surface (A=Above B=Below)

10. Pump Test

Pumping level 140.0 ft. below surface

Pumping at 1268.0 GP M 24.0 Hrs

11. Well Is: 0 in. Grade (A=Above B=Below)

Developed?

Disinfected?

Capped?

12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?

If no, explain

13. Initials of Well Constructor or Supervisory Driller Date Signed

Initials of Drill Rig Operator (Mandatory unless same as above) Date Signed

Additonal Comments?

Owner Sent Label? Y

Variance Issued?

More Geology?

Batch 538