FINAL REPORT

SUPPLEMENTAL SITE INVESTIGATION REPORT

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

Prepared for

DEC 5 / 5001

Thomas Industries P.O. Box 29 Sheboygan, Wisconsin

December 2007



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Project No. 0451-003-800



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.

Mak & M'Collang

Senior Geologist

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

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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

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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.

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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 Industries¹ 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 offsite 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

D.B. Oak Facility.

Fort Atkinson, Wisconsin

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), insitu 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.

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 wells² 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 intervals³. 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, 2007⁴. 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 $\frac{3}{4}$ mile west of the DB Oak facility, and well Nos. 3 and 4 are located approximately $\frac{3}{4}$ 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 1⁵.

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, $3\frac{1}{2}$ -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:

$$v = \underline{ki}$$

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 PCE⁶. 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 results⁷. 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 μ g/l in the MW-3 sample to 11,000 μ g/l in the MW-3A sample. In MW-3C samples, both PCE (3.2 μ g/l) and cisDCE (110 μ g/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.

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.

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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 Date Well Installed	ell Reference	Ground	Depth to	Depth to	Top of	Bottom of	October 25, 2007		December 13, 2007		
	Installed	I	Surface Elevation	Top of Screen	Bottom of Screen	Screen Elevation	Screen Elevation	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-3A, MW-4A, 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-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 Hydraulic Location 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 x 10 ⁻³	7.06 x 10 ⁻³		5.30 x 10 ⁻³			
MW-2	1.06 x 10 ⁻³	1.06 x 10 ⁻³		1.06 x 10 ⁻³			
MW-2A	1.69 x 10 ⁻²	x 10 ⁻² 1.76 x 10 ⁻²			1.73 x 10 ⁻²		
MW-3	1.76 x 10 ⁻³	2.82 x 10 ⁻³		2.29 x 10 ⁻³			
MW-4	3.53 x 10 ⁻³	7.06 x 10 ⁻³	·	5.30 x 10 ⁻³	**************************************		
MW-4A	2.54 x 10 ⁻²	2.96 x 10 ⁻²	2.96 x 10 ⁻²		2.82 x 10 ⁻²		
MW-5	2.12 x 10 ⁻³	3.18 x 10 ⁻³		2.65 x 10 ⁻³			
		1	Average	3.32 x 10 ⁻³	2.28 x 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.

Concentrations exceeding the PAL are in italics. Concentrations exceeding the ES have been shaded.

< - Detected below Limit of Detection.

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

			12/16/2004	6/1/2005	3/28/2006	11/2/2006	10/25/2007
Constituent	PAL	ES	MW-1	MW-1	MW-1	MW-1	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

			12/16/2004	6/1/2005	3/28/2006	11/2/2006	10/25/2007	12/16/2004	6/1/2005	3/28/2006	11/2/2006	10/25/2007	12/16/2004	6/1/2005	3/28/2006	11/2/2006	10/25/2007
Constituent	PAL	ES	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2A	MW-2A	MW-2A	MW-2A	MW-2A	MW-2B	MW-2B	MW-2B	MW-2B	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

			12/16/2004	6/1/2005	3/28/2006	11/2/2006	10/25/2007	12/16/2004	6/1/2005	3/28/2006	11/2/2006	10/25/2007	12/16/2004	6/1/2005	3/28/2006	11/2/2006	10/25/2007	10/25/2007
Constituent	PAL	ES	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3A	MW-3A	MW-3A	MW-3A	MW-3A	MW-3B	MW-3B	MW-3B	MW-3B	MW-3B	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

			12/16/2004	6/1/2005	3/28/2006	11/2/2006	10/25/2007	12/16/2004	6/1/2005	3/28/2006	11/2/2006	10/25/2007
Constituent	PAL	ES	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4A	MW-4A	MW-4A	MW-4A	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

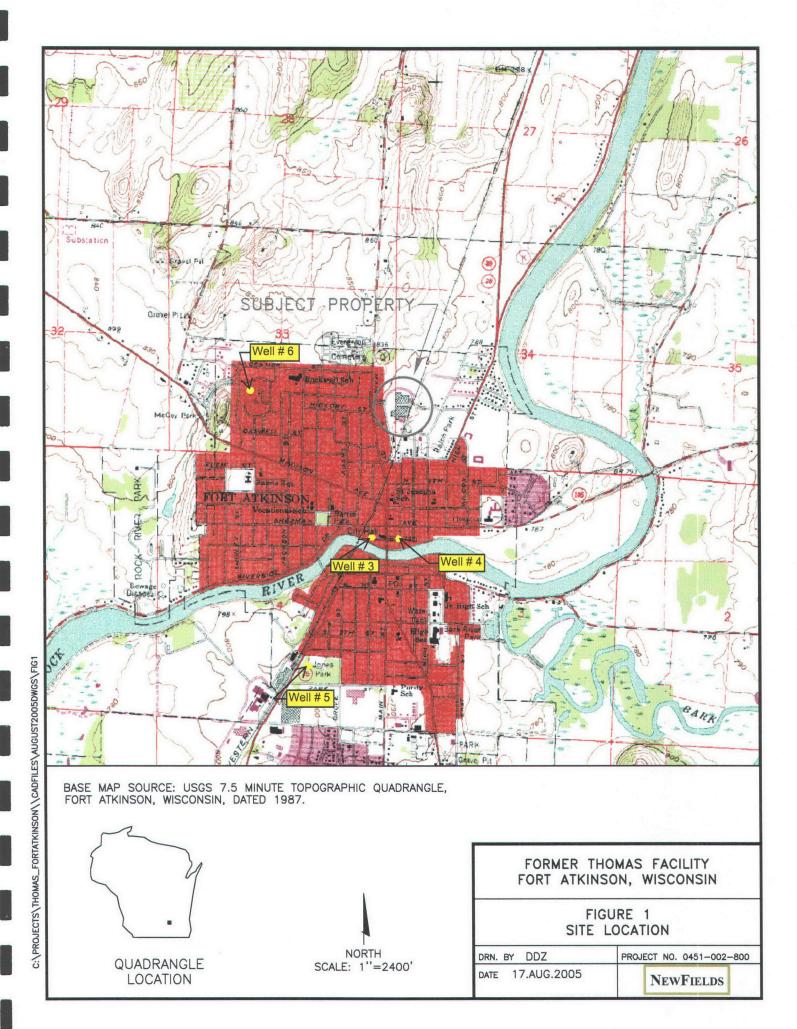
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Constituent	PAL	ES	MW-5	MW-5	MW-5	MW-5	MW-5
1,1-Dichloroethene (DCE)	0.7	7	<0.24	<0.41	<0.15		<0.50
trans-1,2-Dichloroethene (t-DCE)	20	100	<0.11	< 0.35	<0.17		<0.50
cis-1,2-Dichloroethene (c-DCE)	7	70	0.21	<0.40	<0.19		<0.50
Trichlorethene (TCE)	0.5	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

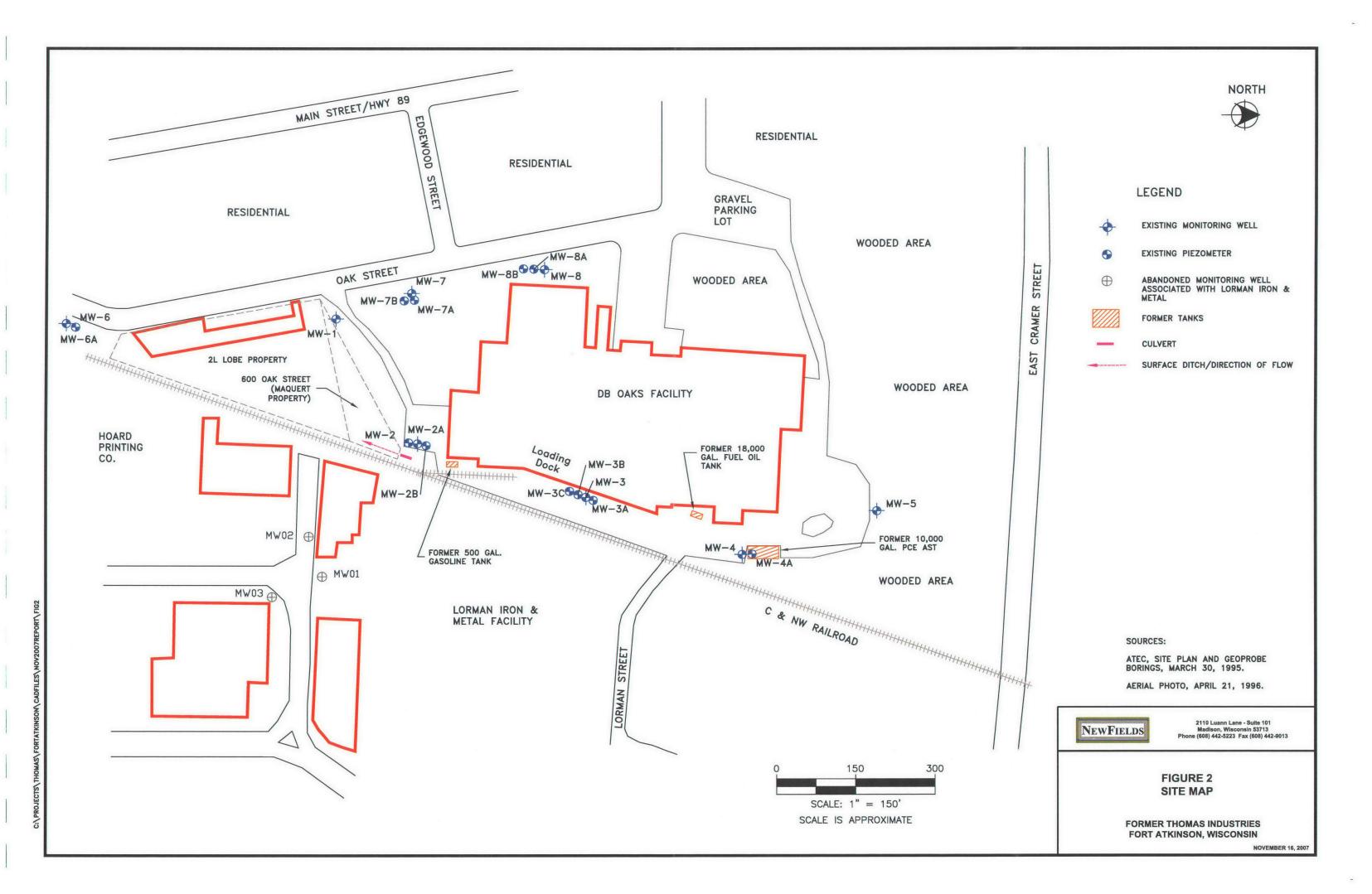
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Constituent	PAL	ES	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A
1,1-Dichloroethene (DCE)	0.7	7		<0.41	<0.15		<0.50		<0.41	<0.14		<0.50
trans-1,2-Dichloroethene (t-DCE)	20	100		< 0.35	<0.17		<0.50		< 0.35	<0.21		<0.50
cis-1,2-Dichloroethene (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

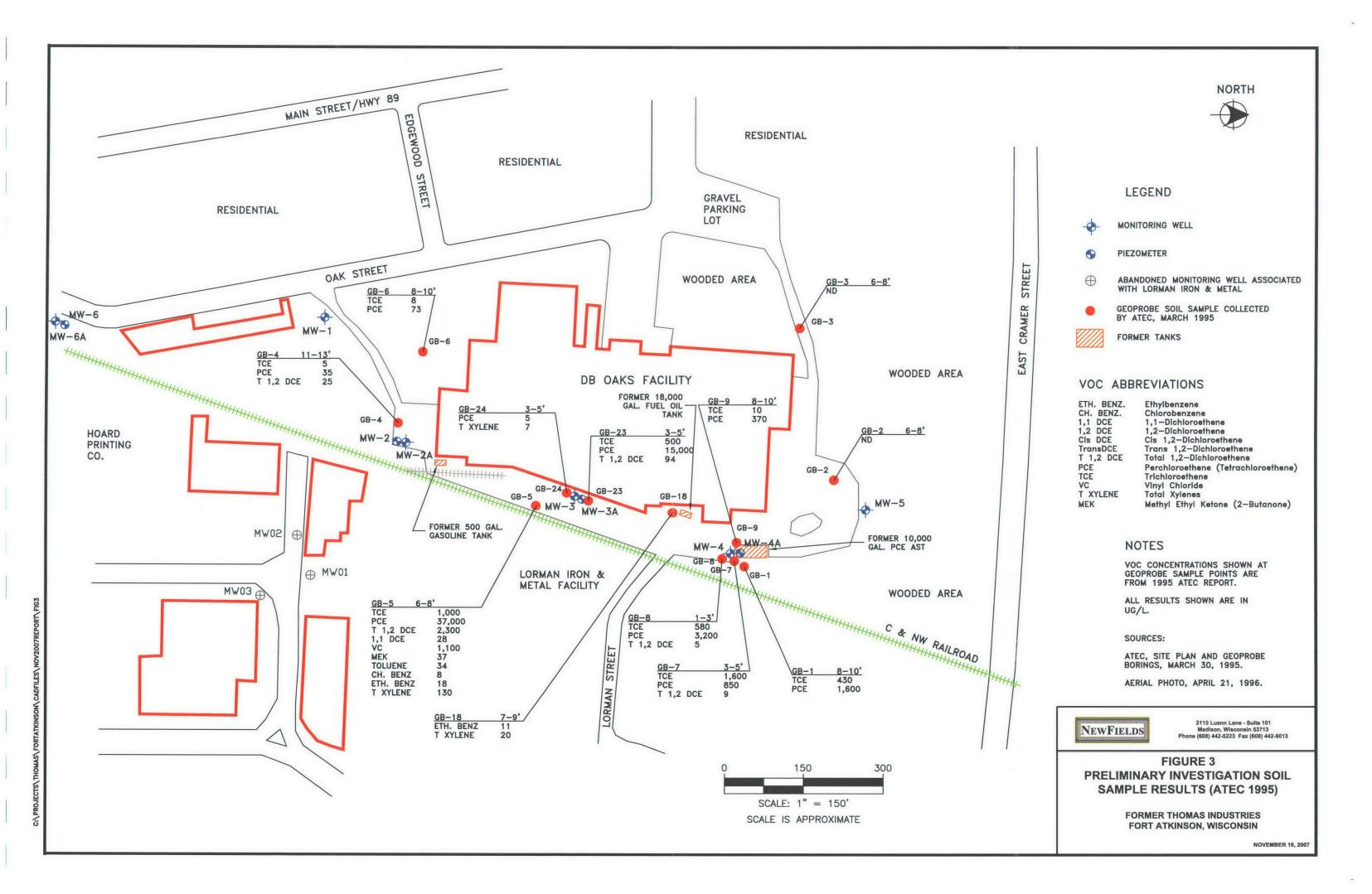
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Constituent	PAL	ES	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7A	MW-7A	MW-7A	MW-7A	MW-7A	MW-7B	MW-7B	MW-7B	MW-7B	MW-7B
1,1-Dichloroethene (DCE)	0.7	7			<0.15	<0.57	<0.50			<0.68	<5.7	<5.0					<0.50
trans-1,2-Dichloroethene (t-DCE)	20	100			<0.17	<0.89	<0.50			<10	<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

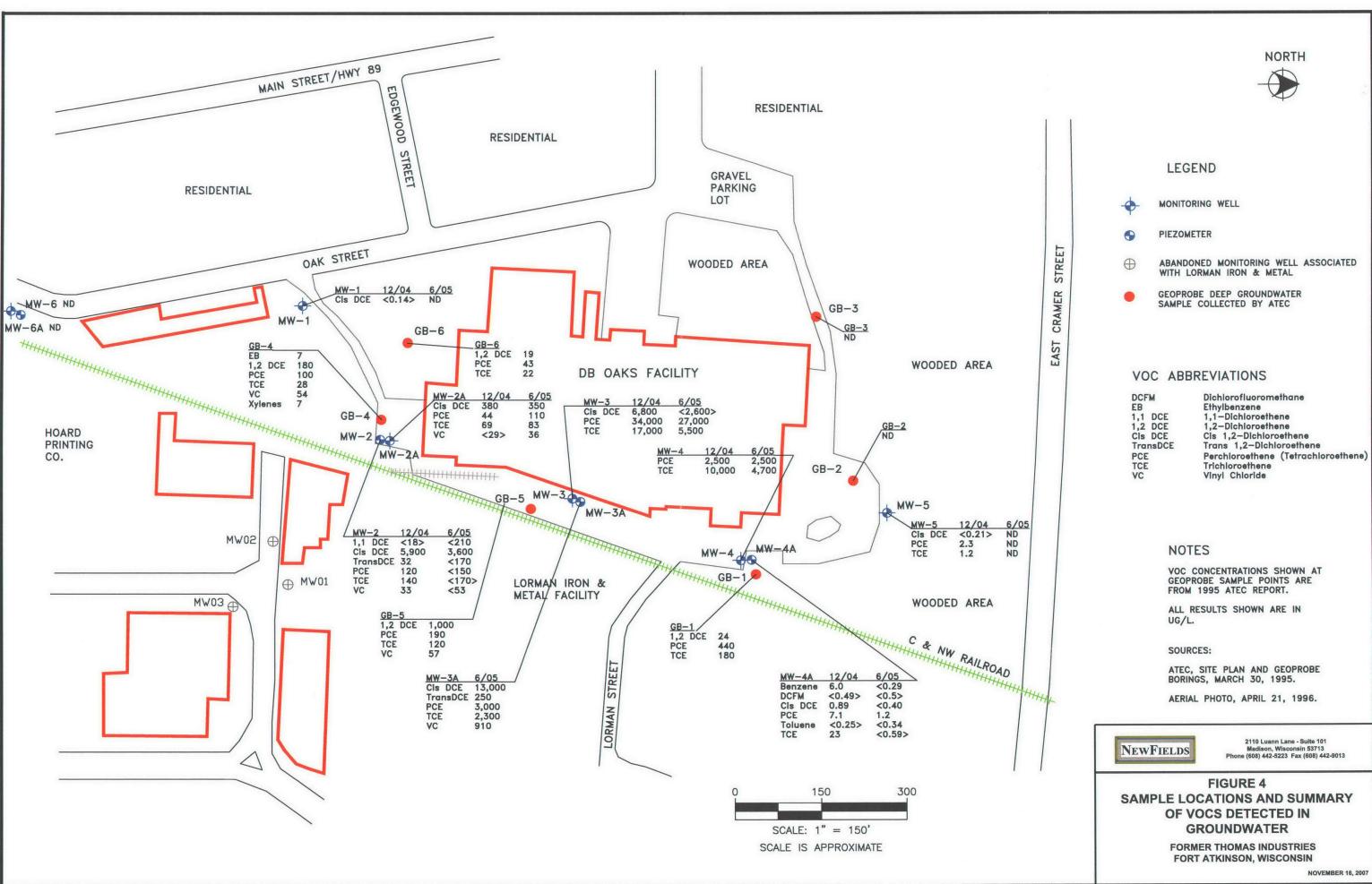
			12/16/2004	6/1/2005	3/28/2006	11/2/2006	10/25/2007	12/16/2004	6/1/2005	3/28/2006	11/2/2006	10/25/2007	12/16/2004	6/1/2005	3/28/2006	11/2/2006	10/25/2007
Constituent	PAL	ES	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8A	MW-8A	MW-8A	MW-8A	MW-8A	MW-8B	MW-8B	MW-8B	MW-8B	MW-8B
1,1-Dichloroethene (DCE)	0.7	7					<0.50					<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	<u>,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, </u>		1				0					0.0					0

Figures

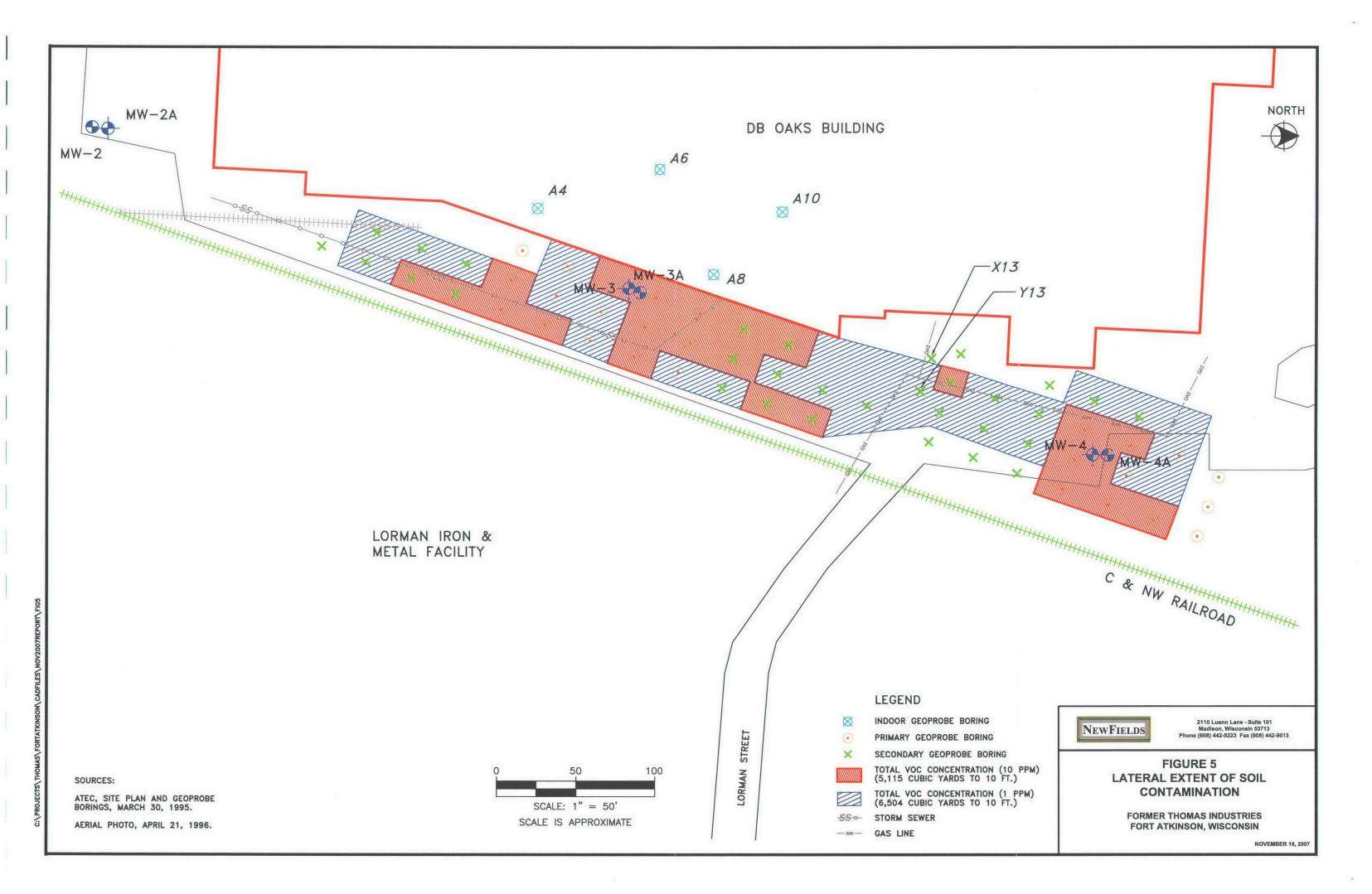


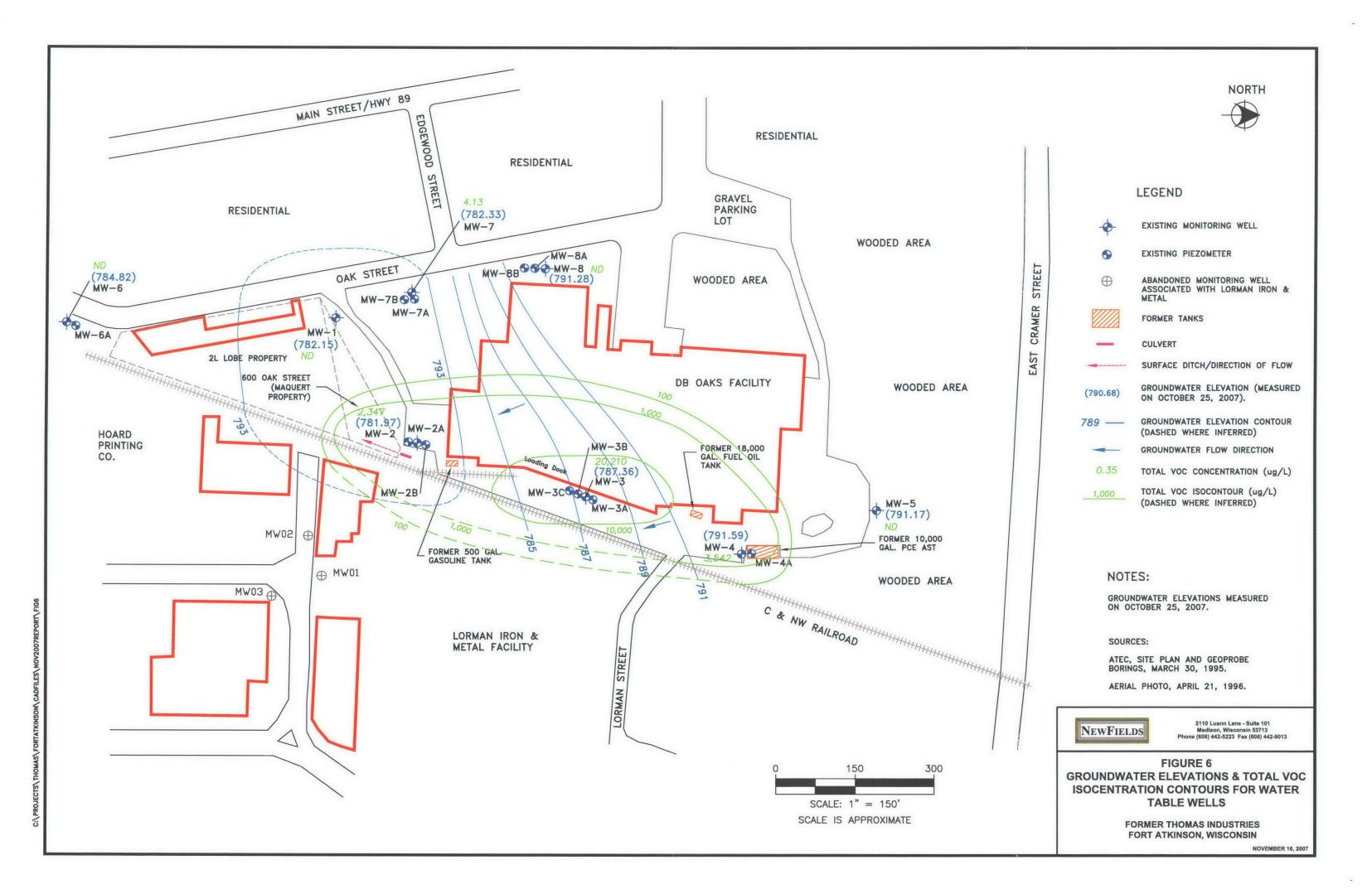


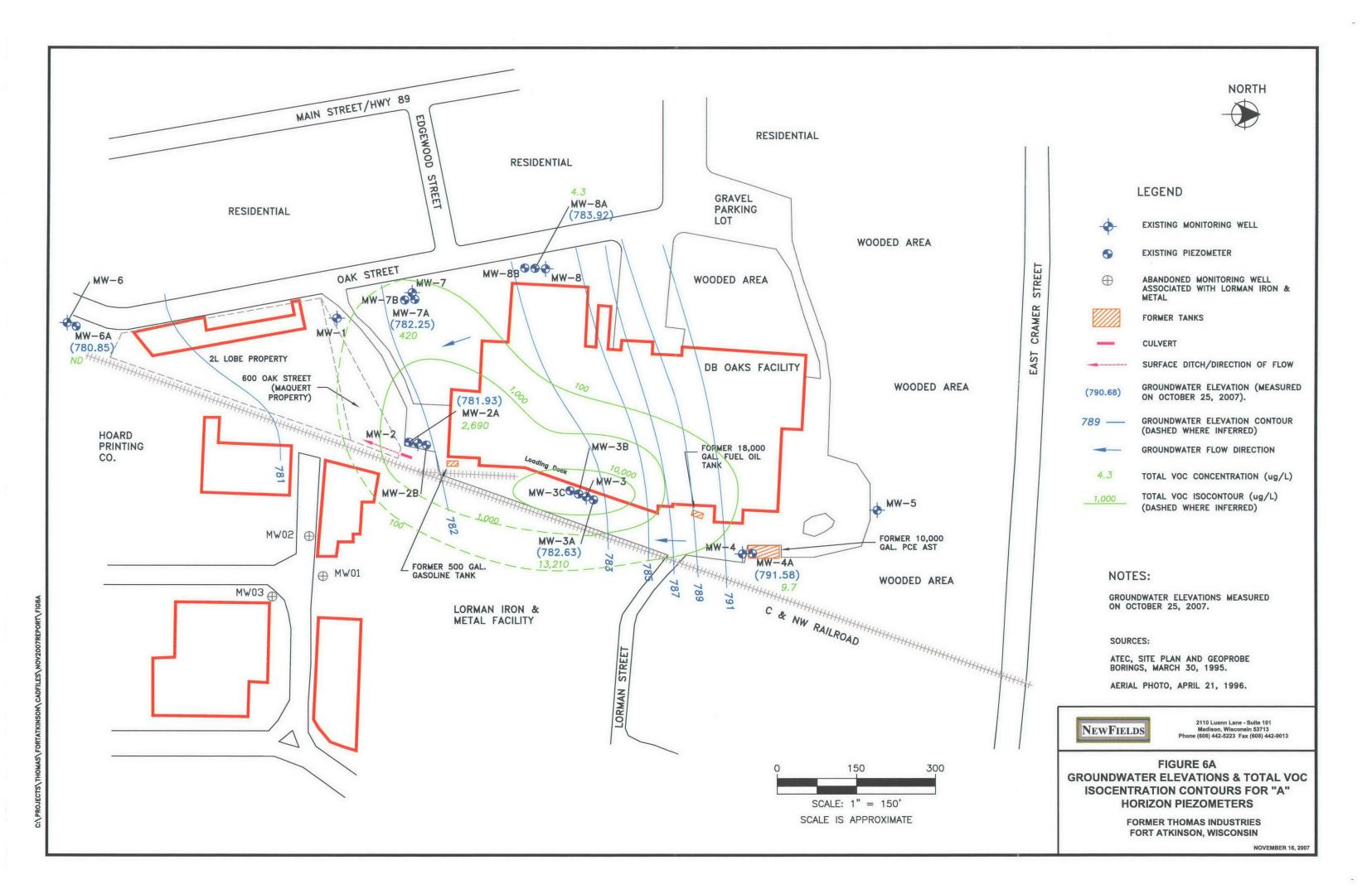


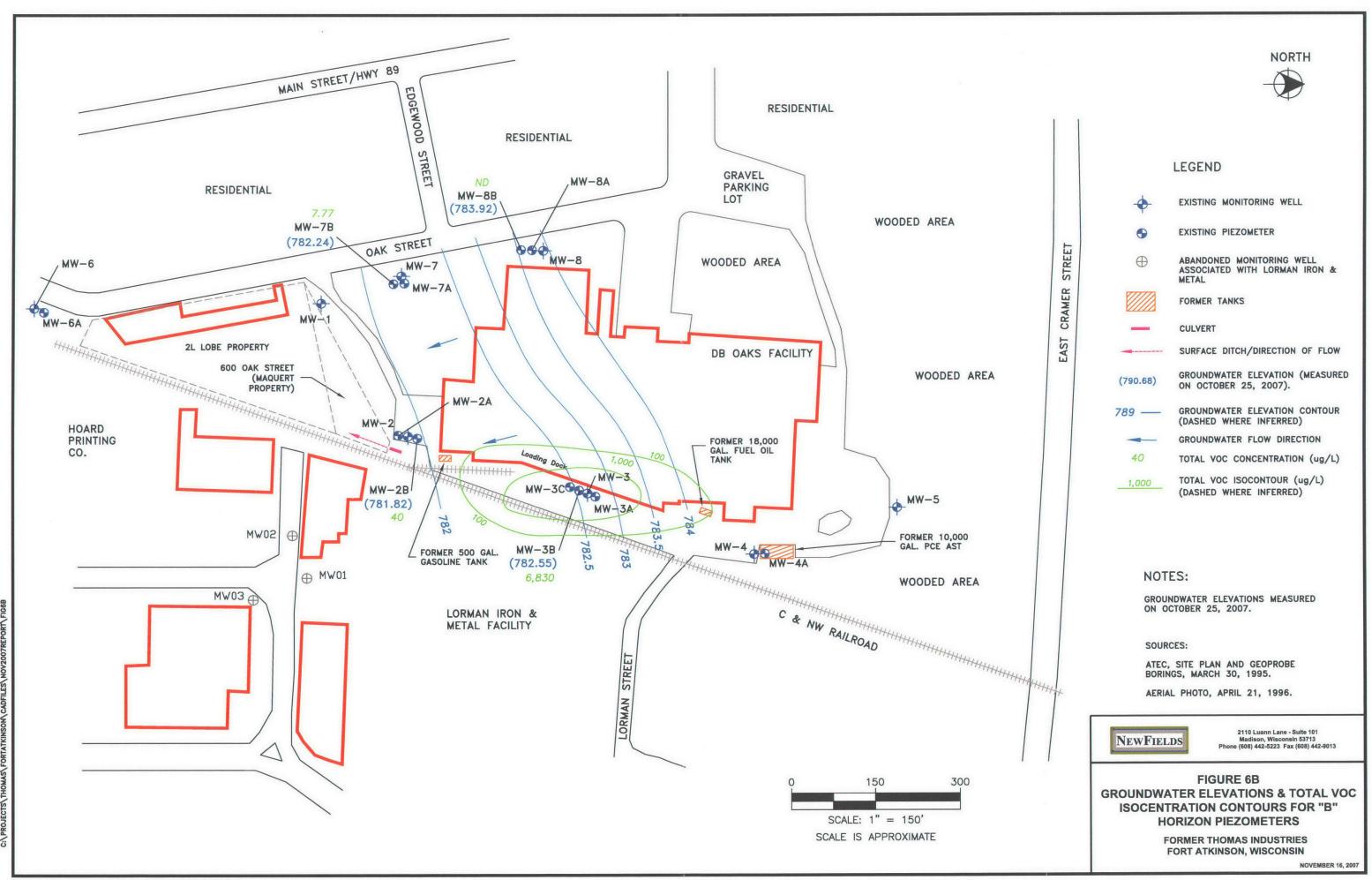


SAMPLE LOCATIONS AND SUMMARY









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

Appendices

Appendix A

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

State of Wi											SOIL			0G II	NFOR	MAT	ION	
Departmen	t or mat	urai Resou	irces	Route To:			□ _{Haz}	Waste			F	orm 440	0-122				7-9	31
				☐ Solid W	aste			ergrour		nks								
				☐ Wastew	rater			er Reso										
				☐ Emerge	ency Re	esponse	☐ Oth	er						P	age _ 1	of _	5	
Facility / Pr	oject Na	ome DB C	ak Facility, F	ort Atkins	son, V	Visconsin	Lice	ense/Pe	rmit/N	/lonitor	ing Numt	er	E	Boring N	lumber	MW	-2B	
Boring Drill	ed By (I	Firm name	and name of cr	ew chief)			Date	Drilling	Starte	d	Date	Drilling	Comple	ted	Dril	ling Me	thod	
			Hanson				9	<u>) / 2</u>	0 /	07		_	20 /			-	tosonic	
			t Longyear, S				MM		_	YY				YY				
DNR Facilit	y Well I		I Unique Well No	339.00	MW-	ell Name 2B	Final	Static V	vater eet M			ce Elevi 91.5	ation Feet I	MSL	Bor	6.0	iameter _ inches	
Boring Loca State Plane			N		_ E		Lá	at —		_	Loca	I Grid Lo	ocation (If Applic	cable)		- -	Ξ
	of SE	1/4 of S	Section 34	т 6	N, R				_	_	<u> </u>		et 🗖	s		Fe	et 🗖 v	N
County						DNR County		1	Civil T		City / or V	•						
		Jefferso	on			2	8			С	ity of Fo	ort Atk	inson					
Sample	. 5												Soil Pr	opertie	s		ŧ.	
Number Length Recovered (In)	Blow Counts (N)	To a	Soil/	Rock De	ecri	ntion			B ₀	Well Diagram		٦					ROD/Comments	
Number ength ecovered	ĕ	Depth in Feet		Seologic				ر ا	Graphic Log	Dia	₽	Standard Penetration	Moisture Content		ပ္		Co	
Nun engt	<u>8</u>	t de		ach Maj				SSS	Grap	Vei	PID/FID	Stan	Nois Sont	Liquid	Plastic Limit	P 200	0	
- -	100		Curfoso =	aanbalt n	a dela e	- lot		-	\vdash			-		- -		 - -	I.C.	
1			Surface =	аѕрпан р	arking	g iot												
'		_ 1	-gravel fill							1							1	
																	ŀ	
		<u> </u>						_		1								
		Ł	CLAY, silt					CL							1			
		- ₃	plasticity, l	brown wit	h gra	y mottling.		"-										
:		- 4												i	1			
	1																	
		5								l								
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		F												ŀ				
		— в				low plasticit	у,	CL.				1						
	1	F	brown wit	h gray mo	ottling] .		ML				Ì						
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		_ 12	piasticity II		¥11.				1//]			1		
						fine to medi	um	C.D.		İ			İ	Ì				
		- 13	grained, de	nse, very	mois	t, reddish		SP						1				
			brown.															
	<u> </u>	_ 14	<u> </u>					<u> </u>]	1	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
I hereby cer			nation on this for	m is true on	d oorre	ct to the best o	f my kno	owledge).									
Signature	///	IU s	- NOU	XC4)	2		Firm		N	lewF	ields, M	ladiso	n, 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

Bori	ng Numi	ber	M	<u></u> -							Р	age _2	of_	5_
Sam	ple 🚊	<u> </u>					-			Soil Pr	opertie	s		ents
Number	Length Recovered (In)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	nscs	Graphic Log	Well Diagram	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	ROD/Comments
3			15 16 17 18 19 19 20	SAND, fine to medium grained, wet, brownsome coarse gravel, wet, gray SAND and SILT, fine-grained, wet, hard,	SP									
			- 21	non-plastic, gray.	SM									
			- 22	-interbedded silt seams 21 to 22 ft.	CL									
			- 23 - 24									,		
			25	CLAY, silty, trace very fine sand, moist, hard, low plasticity, gray.										
4			26 26 											
			27 28											
			- ₂₉											
			- 30	SAND and SILT (as above).	SM									
			– 31	CLAY, silty (as above)	CL		Ì							
			- 32	CLAY, very silty, some fine sand, moist, hard, low plasticity, gray.	CL- ML									
			- 33	SAND, trace fine gravel, coarse grained, wet, dense, gray.	SP									
			34											
5			35											:

State of Wisconsin Department of Natural Resources

			MW	<i>I-</i> 2B	Form	4400-	-122A	\			_	age _ 3		7-91 5
Samp	ng Numl ole									Soil Pr			<u> of</u>	
Number	Length Recovered (In)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	nscs	Graphic Log	Well Diagram	PID/FID	Standard Penetration	Moisture Content		Plastic Limit	P 200	ROD/Comments
5			37	SAND, trace fine gravel, coarse grained, wet, dense, gray.	SP									
			— 39 - - - 40 - - 41	SAND, trace fine gravel, coarse grained, wet, dense, brown.										
			- 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								1			
7			56		SP									
			- - - 57											
			- 58											

Boring	Boring NumberMW-2B										Р	age _4	of	5_
Sampl	le 🕏	(N)					٦			Soil Pr	opertie	s		ants
Number	Length Recovered (N)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	sosn	Graphic Log	Well Diagram	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	ROD/Comments
7 8 8	Length Recon	Blow (#### 65 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 76 77 77 77 77	And Geologic Origin For Each Major Unit SAND, medium grained, trace gravel, wet, light grayish brown. -fine to medium grained -SAND and GRAVEL seam @63 to 64 ft. -trace gravel, medium grained, brown with gray mottling GRAVEL, with coarse sand, wet, light grayish brown. SAND, some gravel, medium to coarse grained, wet, light grayish brown. GRAVEL, with coarse sand, wet, light grayish brown.	SDSN SP GP SP	Gray Control C	Well D	PID/F	Stand Penet	Moist: Confie	רושגן רושגן	Plastic	P 200	RODA
			- - - - - - - 80							_				

			MW-2		Form	4400	-122A					_		7-91
Samp	ng Numl		10100-2	2D_s	<u> </u>	Γ			l	0.10			of	5
Number	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	Standard Penetration	Moisture Content	Liquid Limit		P 200	ROD/Comments
9	Le Re	OIB	80 82 84 86 88 90 92 94 94 96	Each Major Unit SAND, trace gravel, medium grained, dense, wet, light brown. -fine to medium grained, light brown -fine grained, light brown -trace gravel, fine grained, light grayish brown. CLAY, silty, firm, low plasticity, moist, gray.	SP	19 July 19 Jul	3/A	JIG .	Sta	Mo	LIN LIN	Pla	2 4	<u>α</u>
11			98 100 - 102 - 104 - 106 - 108 - 110 - 1110 - 1114 - 116 - 118 - 118 - 120 - 122	SAND, trace gravel, fine grained, dense, wet, light grayish brown. EOB at 100 feet bgs Installed MW-2B screen 80-85 feet bgs.	SP									
			'	L.,		Ш								

	of Wise		! Deces							SOIL	-		OG IN	FORI	ITAN	ON		
Бера	rtment	or natu	ıral Resoui	Rou	te To:		□ _{Haz.}	Waste			F	orm 440	0-122				7-9	91
					Solid Waste		□ Und			nks								
					Wastewater		□ Wate											
					Emergency Re	esponse	☐ Othe	er			• • • • • • • • • • • • • • • • • • • •			Pa	ge1	of	6_	
Facili	ty / Pro	iect Na	me				Lice	nse/Pe	rmit/N	Annitori	ing Numb	er	l F	Boring Nu	ımher			
	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,000.110	DB O	ak Facility, Fort	Atkinson, V	Visconsin	_						_			MW-	-3C	
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Rorin	g Locat	ion					 		eet M	ISL.	Loca	l Grid Lo		If Applica			_ inches	
	Plane	_		N	E		La	ıt <u>—</u>		_		. Ond Ed		N	ubic)			E
NE	1/4 c	f SE	1/4 of S	ection 34 T	6N, R	14 E/W	Lon	9	_		_]	Fe	et 🗖	S		Fee		
Count	ty					DNR Count	y Code	(Civil T	own / C	City / or V	illage						
			Jefferso	n		_2	8			С	ity of Fo	ort Atki	nson					
Samp	ie												Soil Pr	operties			<u>s</u>	
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				gravel, moist,						1		1						
1	24			greenish-gray		•	•				0		1					
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			E	SILT, trace fine plastic, greenis		irm, non-		SM										
				SILT, clayey, t		and/fine				ĺ								
				subrounded gr				ML		:	17.6		Į.					
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			- 7	wet, dense, po	orly graded	d, gray.						j						
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•	-		13	CLAY, silty, t	race fine or	avel moiet	etiff	 	₩	4			fr	om boı	ring lo	g for I	MW-3A	
1	20	2,8 8,18	F	low plasticity,			ouii,	CL				16	Lir	stalled	l on 4-	27-05	j	_ [
	<u> </u>	<u>'</u>	_ 14					<u> </u>		1		<u> </u>			<u> </u>			
I here	by cer	tify that	t the inform	nation on this form is	true and corre	ect to the best	of my kn	owledge	e.									

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

Firm

NewFields, Madison, WI

Borir	ng Num	М	W-3C						Р	age _2	of	6	
Sam	nie									Soil Propertie			
Number	Length Recovered (In)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	nscs	Graphic Log	Well Diagram	PID/FID	Standard Penetration	Moisture Content Liquid Limit	Plastic Limit	P 200	ROD/Comments
			15 - - 16		CL					Soil de from b installe	oring I	og for	13-50 feet MW-3A 5.
2	18	14,15 13,18	17 18 19 20 21	SAND, medium grained, trace coarse angular gravel, trace coarse subrounded sand, wet, medium dense, poorly graded, light gray.	SP				28				
3	12	13,17 17,17	23 24 25 26	SAND, medium grained, subrounded, trace coarse subangular sand, wet, dense, poorly graded, light grayish brown.					34				
4	8	6,12 13,17	27 28 29 30 31	SAND, as above, medium dense.	SP				25				
5	10	13,20 23,32	32 - 33 - 34 - 35 - 36	SAND, medium grained, little gravel, trace coarse sand, wet, dense, poorly graded, light grayish brown.	CL				43				

State of Wisconsin
Department of Natural Resources
MW-3C

Borir	ng Num	ıber	MW	<u>/-3C</u>	Form	-100	1227	•			P	age3	3_ of _	7-91 6
Sam	10									Soil Pr	opertie			
Number	Length Recovered (In)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	nscs	Graphic Log	Well Diagram	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	ROD/Comments
6	10	6,9 12,24	37 38 39 40 41	CLAY, silty, moist, very stiff, low plasticity, light grayish brown.	CL				21	fi	rom b		og for	13-50 feet MW-3A 5.
7	12	21,26 31,31	42 43 44 45 - 46 - 46	SAND, fine grained, little silt, wet, poorly graded, light grayish brown.	SM				57					
8	12	14,12 12,29	48 - 49 50 - 51	SILT, trace fine sand, stiff, non-plastic, wet, light grayish brown.	ML				24					
4	16	19,22 25,23	52 53 54 55 56 56 57 57 58	SAND, silty, very dense, fine to medium grained, little gravel, wet, poorly graded, light grayish brown.	SM				47	fr	om bo		og for	50-80 feet MW-3B

State of Wisconsin Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT

Form 4400-122A

7-91

MW-3C Page 4 of 6 Boring Number Sample Soil Properties Blow Counts (N) Length Recovered (N) Well Diagram Depth in Feet Graphic Log Soil/Rock Description Moisture Content PID/FID Number Liquid Limit Plastic Limit **And Geologic Origin For** nscs P 200 **Each Major Unit** SAND, silty, very dense, fine to medium 25,24 33,36 grained, little gravel, wet, poorly graded, SM 57 5 12 light grayish brown. 59 60 62 SILT, hard, trace fine sand, non-plastic, 63 wet, light grayish brown. ML 37, 50/6" 6 4 50+ 66 67 68 26,27 SILT, as above ML 7 4 50+ SILT, as above 18,27 8 16 48 21,13 SP-SM SAND, medium dense, fine grained, Soil description for 50-80 feet trace silt, wet, poorly graded, light 18,12 10,14 from boring log for MW-3B 9 16 22 grayish brown. installed on 3-8-06.

Bori	ng Numb	oer	MW-3	BC_							P	age5	of _	6
Sam	ple	Ź		,			L L			Soil Pr	opertie	5		ants
Number	Length Recovered (N)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	nscs	Graphic Log	Well Diagram	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	ROD/Comments
			80 - 82 - 84	SAND, medium dense, fine grained, trace silt, wet, poorly graded, light grayish brown.	SP- SM					fee 3C rote	t from insta osoni	i borin	g log n 9-21 nuous	95-145 for MW- -07 using
1			- - - - - - - - - - - - - - - - - - -								:			
			- - 90	SAND, some silt, fine grained, wet, gray.	SM									
			- 92	CLAY, silty, firm, plastic, wet, gray.	CL ML									
			- 94	SAND, trace silt, fine grained, wet, gray.	SP SM									
2			96 - - - - 98											
		-	_ 100											
			_ 102 - 104											
3			106 											
			108											
		-	110	SAND, some silt, fine grained, wet, gray. CLAY, silty, very moist, gray	SM CL-ML									
			- 112	CLAY, some silt, firm, low plasticity, moist,	CL									
			114	gray. -silt seam, 113.5 to 113.8 feet										
.4			116	-sitt seam, 117.5 to 117.8 feet										
			— 118 - - - - 120	SILT and SAND, some clay, fine grained, very moist, gray.	ML								·	
			122	CLAY, silty, tirm, plastic, very moist, gray.	SM									

-			MW-3		Form	4400	-122A					6		7-91 C
	ng Numi		10100-0	<u> </u>	1	1		Γ					of	
Number	Length Recovered (N)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	nscs	Graphic Log	Well Diagram	PID/FID	Standard Penetration	Moisture 60 Content 4	Liquid Limit	Plastic Limit	P 200	ROD/Comments
4			- 123 - 124	CLAY, silty, firm, low plasticity, very moist, gray.	CL					fee 3C rote	t from insta osonic	borin	g log : 9-21- nuous	5-145 for MW- -07 using
5			- 126 - - - 128	SAND, some silt, fine grained, wet, gray.	SM							, ,,,,	<u> </u>	
			130	SAND, trace silt, fine grained, wet, gray.	SP SM				:	:				
			- 132 - 134	CLAY, siity, iirm, piastic, moist, gray.	CL									
6			136 138 138											
			- - - 140								1			
			_ 142 _ 144											
			146 148	Installed MW-3C screen 125 to 130 feet bgs.										
			 	·										
			152 154 									-		
			156 - - - - 158											
			162 - 164											

		consin	ural Dagası								SOIL	BORI	NG L	OG II	NFOR	MAT	ION
Depar	ımenı	or Natt	ural Resou	ırces	Route To:		□ _{Haz}	Wast	Δ.		F	orm 440	0-122				7-91
					☐ Solid Waste		□ Und			nks							
					□ Wastewate		□ Wat										
					☐ Emergency	Response	☐ Oth	er						Р	age _1	of _	5
Facility	y / Pro	ject Na	ıme DD C		5 (A)()	147	Lice	ense/P	ermit/l	Monitor	ing Numb	er	E	Boring N	lumber	8.63.6	. 70
					Fort Atkinson	i, Wisconsin											/-7B
Boring	Drille	ed By (F		e and name of Hanson	crew chief)			Drilling			Date	e Drilling			- 1	ling Me	
					Schofield, W	į	M M	<u> </u>	/ /	07 YY		<u>9</u> /. им	<u>18</u> /	<u> </u>		6" Ro	tosonic
DNR	acility	/ Well N	100000 AND 100000	/I Unique Well		Well Name	+	Static	_			ice Eleva			Bon	ehole D	Diameter
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Boring		tion		N	Ε	=	L	at —	_		Loca	I Grid Lo			cable)		
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			Jefferso	on		2	8				ity of F	_	inson				
Sample		Γ			T. 1				T		1	I					<u> </u>
		ĝ	<u> </u>					1		Ē			Soil Pr	opertie:	s T	Ι	ents
, l) Pa	Blow Counts (N)	Depth in Feet		I/Rock Desc				Graphic Log	Well Diagram		Standard Penetration	ø				ROD/Comments
Number	gth Sver	ပို	ŧ.		Geologic O			SOSN	aphic	Ö	PID/FID	netra	Moisture Content	Liquid	Plastic Limit	P 200	ပို
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			E	Grass lav	wn, topsoil												
1			⊨ ₁ l		***												
			- '		plasticity, bro	vel, moist, firm	١,										
			- - 2	mottling.		wii wilii giay											
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- 1			- 10														
				SAND	lavov some o	ravel, fine gra	inad										
i	İ		11		et, low plasticit		arieu,	sc									
					Year Instrument	,, g. /,											
ļ			_ 12														
l																	
			– 13	-as above	e, light brown												
											1						
		<u> </u>	_ 14														
I hereb	y cert	ify that	the inform	nation on this fo	orm is true and co	rrect to the best o	f my kno	owledg	e								
Signat	ure	Mil	11	ME	Colle		Firm		١	lewFi	elds, M	ladisor	n, WI				

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Bori	ng Num	ber	М	W-7B	FUIII	4400	-122A	•			Р	age _ 2	of	7-91 5
Sam	ole						_			Soil Pr				
Number	Length Recovered (In)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	nscs	Graphic Log	Well Diagram	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	ROD/Comments
3			15 - 16 - 16 - 17 - 18 - 18 - 19 - 20	SAND, fine grained, clayey, some gravel, sand, wet, low plasticity fines, light brown. -decreasing clay content with depth	sc									
			- 21 - 22 - 23 - 24											
4			26 - 27 - 28 - 29 - 30 - 31	SAND, some fine gravel, medium to coarse grained, dense, wet, light brown.	SP									
5			- 32 - 33 - 34 - 35 - 36											

State of Wisconsin Department of Natural Resources MW-7B

Bori	ng Num	ber —	MV	/-7B							Р	age3	3 of	5_
Sam	ple	2					c			Soil Pr				
Number	Length Recovered (In)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	nscs	Graphic Log	Well Diagram	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	ROD/Comments
5			37 38 39 40 41 42 43	SAND, medium grained, trace fine gravel, dense, wet, light brown.	SP									
6			45 	-as above - mottled gray and light brown	SP									
7			55 - 54 - 55 - 56 - 57 - 58	SAND, medium grained, trace fine gravel, wet, light grayish brown.	SP									

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT

orm 4400-122/

7-91

MW-7B Page 4 of 5 Boring Number Sample Soil Properties ROD/Comments Blow Counts (N) Well Diagram Depth in Feet Graphic Log Soil/Rock Description Moisture Content Liquid Limit Plastic Limit Number **And Geologic Origin For Each Major Unit** 7 SAND, medium grained, trace gravel, wet, grayish brown. SP 59 60 61 62 63 65 SAND, coarse grained, some gravel, 66 dense, wet, light grayish brown. 8 67 SP 68 69 70 -as above, trace gravel SP 74 -as above, some gravel 76 9

State of Wisconsin Department of Natural Resources

Boring NumberMW-7B						Page 5 of 5						
Sample 2			٤					Soil Pro	Properties \$2			
Number ldm Length Recovered (N) Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	nscs	Graphic Log	Well Diagram	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	ROD/Comments
Number 6 Number 10 11 Recovere Recovere Blow Coul	So 82 84 86 88 90 92 94 96 100 102 106 110 110	And Geologic Origin For Each Major Unit SAND, medium grained trace gravel, dense, wet, light grayish brown. -medium to coarse grained -coarse grained SAND, medium grained trace gravel, dense, wet, light grayish brown. EOB at 100 feet bgs. Installed MW-7B screen 80-85 feet bgs.	SDSN SP	Graphie	Well Diag	PID/FID	Standard Penetratic	Moisture Content	Liquid	Plastic Limit	P 200	ROD/Con
	118											
	120											
	122											

State of Wisconsin Department of Natural Resources Route To: SOIL BORING LOG INFORMATION Form 4400-122 7-91									ION								
Берапп	Route To:						П нат	Wast			F	orm 440	0-122				7-91
					Solid Waste		Und			nks							
					Wastewater		□ Wat										
				_	Emergency R		☐ Oth							Р	age _1	of_	1
Facility /	Proj	ect Na	ıme				Lice	ense/Pe	ermit/N	Monitori	ing Numb	er	TE	Boring N			
			DB O	ak Facility, For	t Atkinson, \	Visconsin	_						_			MW	/-8
Boring D	Prilled	By (F		and name of crew	chief)			Drilling		ed	Date	Drilling	Comple	ted	Dril	ing Me	thod
				Hanson t Longyear				1 / 1	9 /	07	-	9/-				6" Ro	tosonic
DNR Fa		14/2H &		l Unique Well No.	Common We	ell Name	Final	Static 1		Level		M M ce Eleva	D D	YY	Bon	ahola C	Diameter
DNK Fa					MW-		' ","		eet M		1	92.8	Feet	MSI		6.0	inches
Boring L	*********				!							l Grid Lo			cable)		_ 1101100
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County			1-66	_		DNR Count	-		Civil T		City / or V	-					
			Jefferso	on		2	8			Cı	ity of Fo	ort Atki	nson				
Sample		î								_			Soil Pr	opertie	s		lts.
	Ž	l) st	e et	Soil/Re	ock Descri	ntion			60	Well Diagram		_ 5					ROD/Comments
Number ength	ě	Com	Ë		ologic Orig			S	Graphic Log	Dia	OF.	dard	Moisture Content	b	<u>.</u> 2		Co Co
Nun	Soil/Rock Descriptio Soil/Rock Descriptio And Geologic Origin F Each Major Unit							nscs	Grap	Well	PID/FID	Stan	Mois	Limit	Plastic Limit	P 200	Q Q
	+	ш	<u> </u>						\vdash					 	 	-	
	- 1		 														
	- 1		2	No soil sam	ples collecte	ed.											
			⊨ I										ļ				
	Ì		<u></u> 3	For soils des MW-8B.	scriptions, s	ee boring io	g tor							ļ			
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l hereby	certi	fy that	the inform	l nation on this form is	strile and corre	ect to the hest o	of my kn	owleda	 B		·	<u>'</u>		<u> </u>	<u> </u>		_
Signatur			11 /	MC/6			Firm			ields	, Madis	on. Wi					··· <u>·</u>

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 Route To: SOIL BORING LOG Form 4400-122								OG IN	IFOR	MAT							
Depa	Route To: Solid Waste Wastewater						□ нат	Waste			F	orm 4400	0-122				7-91
					Solid Waste		Und			nks							
					Wastewater		□ Wat										
					Emergency R	esponse	☐ Othe	er						Р	age _ 1	of _	1_
Facili	ty / Pro	iect Na	ıme				Lice	ense/Pe	ermit/N	/onitori	ng Numb	ег	E	Boring N	lumber		
		-	DB Oa	k Facility, For		Wisconsin							-				/-8A
Borin	g Drille	d By (F		and name of crew	chief)			Drilling				Drilling				ling Me	
				lanson				<u> / 1</u>	9 D	07		9 /-	<u>19</u> /	<u>07</u>		6" Ro	tosonic
	- w.			Longyear Unique Well No.	Common W	ell Name	Final	Static \		l evel	_	/ M ce Eleva		11	Bor	ehole C	Diameter
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Borin	g Loca	tion										l Grid Lo	_		cable)		
	Plane	_		N		S/C/N	La		_	_				N			□ E
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Coun	ty					DNR Coun		- 1	Civil T		ity / or V						
			Jeffersor	1		2	8			Ci	ty of Fo	ort Atki	nson				
Samp	le	3											Soil P	ropertie	s		<u>۽</u>
	Soil/Rock Description And Geologic Origin F and Halpin Description Soil/Rock Description And Geologic Origin F Each Major Unit			intion			8	Well Diagram		Lo Lo					ROD/Comments		
þer	- Pe	ğ	1 E		ologic Ori			۱,,	Graphic Log	Diaç	₽	Standard Penetration	Moisture Content	_	ပ္		l 5
Number	ugth Scov		ŧ		h Major U			nscs	Srap	Nell	PID/FID	Stanc	Nois	Liquid	Plastic Limit	P 200	Ô
	2 %	<u> </u>										" <u>"</u>	-	<u>-</u> -	-	<u> </u>	<u> </u>
	No soil samples collected. For soils descriptions, see borin MW-8B. Set well MW-8A 50 feet bgs. Set well mw-8A 50 feet bgs.					ee boring k	og for										
Lhar		rifu tha		·	is trife and con	rect to the hest	of my kr	nowled:	Je.								

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Firm

NewFields, Madison, WI

Signature

State of Wisconsin Department of Natural Resources Route To: Haz. Waste							SOIL			OG II	NFOR	MAT	ION				
Depa	ırtment	or Natt	ıraı Kesot	irces		Пист	Most	_		F	orm 440	0-122				7-91	
					☐ Solid Waste		Und			nke							
					□ Wastewater		□ Wat										
					☐ Emergency Re		☐ Oth		Jui 00.	•				Þ	age _1	of	5
	ity / Pro	:4 A1-							:4/8	44	ing Numi						-
Facil	ity / Pro	ject Na	DB C	Dak Facility, F	ort Atkinson, V	Visconsin					ng Numi	oer 		soring N	lumber	MW	-8B
Borir	ng Drille	d By (F		and name of cr	ew chief)			Drilling			Date	e Drilling		ted	Dril	ling Me	thod
				Hanson t Longyear, S	Schofiold W/I		 S	<u> / 1</u>	8 D	<u>07</u>	-	9 /	<u>19</u> /	07		6" Ro	tosonic
DMD	Facility	. NA/aH N	annual annual sales (village)	(I Unique Well No	********	ll Name	+	Static \				M M ace Eleva	D D ation	YY	Bor	ehole D	iameter
- DRK		· —	"		MW-				eet M			92.7	_ Feet I	MSL		6.0	_ inches
	g Locate Plane	tion 		N	E		La	at —	-	_	Loca	al Grid Lo	,	If Applic	cable)		ΩE
NE	1/4 c	of SE	1/4 of \$	Section 34	т <u>6</u> N, R	14 E/W	Lon	g <u>—</u>		_		Fe		S		Fe	
Coun	ity	-				DNR County	y Code	ŀ	Civil T	own / C	City / or V	'illage					
			Jefferso	on		2	8			Ci	ity of F	ort Atk	inson				
Samp	ole	_										Ĭ	Soil Pr	opertie	s		φ.
	Ê	S S	p		D	4!		1	go.	Well Diagram		Ē	T	İ			ROD/Comments
ē	Soil/Rock Description Soil/Rock Description And Geologic Origin Feet Each Major Unit								Graphic Log	jagi	□	Standard Penetration	를 돈				Ĕ
Number	f S	S Š	=					nscs	raph	/ell [PID/FID	and	Moisture Content	Liquid	Plastic Limit	P 200	0/0
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	Grass lawn, topsoil																
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l her	reby certify that the information on this form is true and correct to the best of my knowledge.																
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9-1		711	e a	NU	were					40.441.	ioius, N	100150	ı, VVI				

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State of Wisconsin Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT

Form 4400-122A

-			ıral Resou M	rces W-8B	Form	4400-	·122A					-		7-91 -
Sam	ng Numl				<u> </u>			[l	Soil Pr			of	
Number	Length Recovered (In)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	nscs	Graphic Log	Well Diagram	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	ROD/Comments
3			15 16 17 18 19 19 19	CLAY, sandy, trace fine gravel, firm, moist, gray. SAND, fine grained, some clay, trace gravel, wet, low plasticity, light grayish brown.	CL SC									
			- 20 - 21 - 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 - 27 - 28	SAND, medium to coarse grained, trace fine gravel dense, wet, light brown.	SP									
			- 29 - 30 - 31	-coarse grained, with some gravel.										
			- 32 - 33											
5			35 - 36	-as above	SP							Line and the second		

State of Wisconsin
Department of Natural Resources
MW-8B

SOIL BORING LOG INFORMATION SUPPLEMENT

Form 4400-122A

7-9

Page 3 of 5 Boring Number Sample Soil Properties Blow Counts (N) Well Diagram Depth in Feet Graphic Log Soil/Rock Description Moisture Content Liquid Limit Plastic Limit Number And Geologic Origin For **Each Major Unit** SAND, as above SP 37 CLAY, silty, trace gravel, firm, moist, CL 40 41 SAND, medium grained, trace gravel, wet, dense, light brown. 46 6 SP 48 49 50 51 52 - 53 54 GP SAND and GRAVEL, medium grained 7 sand, wet, light brown. SAND, medium to coarse grained, trace 57 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

Bori	ng Numi	ber —	MW-8	<u>BB</u>	1 01111						P	age _4	of	5_
Sam	ple						_			Soil Pr	opertie			
Number	Length Recovered (N)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	nscs	Graphic Log	Well Diagram	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	ROD/Comments
7			58 - 59 - 60 - 61 - 62 - 63 - 64	SAND, medium to coarse grained, trace fine gravel, wet, dense, grayish brown. SILT, firm, wet, light grayish brown.	SP	***								
8			66 	SAND and GRAVEL, coarse grained, wet, brown. SAND, fine grained, some silt, medium dense, wet, light brown.	GP SM									
			70 - 71 - 72	SILT, some fine sand, firm, wet, light brown.	ML									
9			- 73 - 74 - 75 - 76 - 77 - 78	SAND, fine grained, some silt, medium dense, wet, light brown.	SM									

SOIL BORING LOG INFORMATION SUPPLEMENT

Form 4400-122A

7-91

Borin	ng Numb	oer	MW-8	BB_							P	age5	of	5
Samp	ole 🦳	2								Soil Pr	opertie	s		uts.
Number	Length Recovered (N)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	sosn	Graphic Log	Well Diagram	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	ROD/Comments
9			- - - 80	SAND, some silt, fine grained, medium dense, wet, light brown. SILT, some fine sand, firm, wet, light grayish	SM ML									
			- 82	SAND, some silt, fine grained, medium dense, wet, gray.	SM									
			84	SILT, firm, wet, gray CLAY, some silt, trace gravel, firm, moist,	ML								!	
10			- - - - 88	gray.										
			- 90	-no gravel below 90 feet.	CL									
			- 92											
			94											
11			96 _ _ _ _	CLAY, some silt, firm, very moist, gray	CL									
			— 98 - - - - 100	CLAY, silty, firm, very moist, gray	ML CL									
		:	100	SILT, some clay, moist, gray	ML-C									
			104	SILT, some clay, moist, gray	ML CL									
12			106	CLAY, some silt, firm, moist, gray CLAY, silty, firm to stiff, moist, gray	CL-M									
			108	-										
			110	-silt interbedded seams present below 111					i					
			- 112	feet										
			114	EOB at 115 feet bgs.										
			118	Installed MW-8B screen 80-85 feet bgs.										
			120											
			122											

	olid Waste□ Haz. Waste□ se & Repair□ Underground T		MONITORI Form 4400-	ING WELL CONSTRUC	CTION v. 4-90
D 11: // 1		diks d Other d	<u> </u>	TIDA KEV	. 4-50
DB Oak Facility	Local Grid Location of Wellft. □ N.	ft. 🗖 E.	Well Name M	IW-2B	
Fort Atkinson, Wisconsin	□ S.				
Facility License, Permit or Monitoring Number	Grid Origin Location	ong	Wis. Unique Well Number	t DNR Well Ni	umber
Type of Well Water Table Observation Well □ 11 Piezometer □ 12	Lat I St. Plane ft.	N, ft. E.	Date Well Installed	$\frac{0}{m}$ $\frac{9}{d}$ $\frac{2}{d}$ $\frac{0}{y}$ $\frac{7}{y}$	_
Distance Well Is From Waste/Source Boundary					
	Section Location of Waste/Sou NE 1/4 of SE 1/4 of Sec. 34		Well Installed By: (Person's Mike Hanson	,	
	Location of Well Relative to V				
	u Upgradient d Downgradient	s □ Sidegradient n □ Not Known	Boart Longy	ear	
A. Protective pipe, top elevation 7 9 1 . 5 ft.	MSL	1. Cap and		■Yes □ N	No
B. Well casing, top elevation $\frac{7}{9}$ $\frac{9}{1}$. $\frac{20}{9}$ ft.	MSL '		re cover pipe: e diameter:	4 0	in
C. Land surface elevation $\frac{791}{.5}$ ft.	MSL	b. Leng		$-\frac{4}{7}\cdot\frac{0}{0}$	ft.
D. Surface seal, bottom 7 8 9 . 5 ft MSL or	1.2.4.4	c. Mater	rial: Stick up	Steel	
		$\frac{1}{\sqrt{1 - \frac{1}{2}}}$	tional protection?	Other □ □ Yes ■	
12. USCS classification of soil near screen: GP □ GM □ GC □ GW □ SW □ SP		If yes	, describe:		NO
SM SC ML MH CL CH		3. Surface:	seal:	Bentonite 🗆	3 0
Bedrock □			Native soil	Concrete	0 1
13. Sieve analysis attached? ☐ Yes ■ N		A Material	between well casing and pro	Other	
13. Sieve analysis attached. — 146 — 14	Ĭ N	4. Materia	octween wen casing and pro	Bentonite	3 0
14. Drilling method used: Rotary □ 5		× ×	Red Flint #30	Annular Space Seal □	<u> 1919/2</u>
Hollow Stem Auger □ 4 Rotosonic Other ■		₿ — <u>-</u>	Rod I lift #30	Other	<u> </u>
		8			
15. Drilling fluid used: Water 0 2 Air 00				Granular Bentonite 🗖	
Drilling Mud 0 3 None 9	'		Lbs/gal mud weight I		
16. Drilling additives used? ■ Yes □ N	o	d.	Lbs/gal mud weight Meantonite		
		е	Ft ³ volume added for	any of the above	
Describe:potable water	I 🖁	f. How	installed:	Tremie 🗖	
17. Source of water (attached analysis):		X	75 gallons bentonite slurry Grout up to 2 feet bgs.	Tremie pumped ■ Gravity □	
`	l 🛭	M		•	
Boart Longyear		6. Bentoni	1/4 in. ■ 3/8 in. □ 1/2 in	a. Bentonite granules Bentonite chips Other	3 2
E. Bentonite seal, top $\frac{7}{2}$ $\frac{2}{5}$ $\frac{5}{5}$ ft MSL or $\frac{6}{5}$	<u>6</u> . <u>0</u> ft	7. Fine san	nd material: Manufacturer, pr		
F. Fine sand, top $\frac{7}{2} \frac{2}{0} \cdot \frac{5}{1}$ ft MSL or $\frac{7}{1}$	1.0 ft	[3] / a	Badger Mining #4		<u> </u>
G. Filter pack, top	20_ft	N /	ack material: Manufacturer, p		œ.
H. Screen joint, top	0.0 ft	a. b. Volu	Red Flint #30 ume added 150	lb	<u> </u>
I. Well bottom 7 0 6 . 5 ft MSL or 8	5.0 ft	9. Well car	_	ded PVC schedule 40	
J. Filter pack, bottom 7 0 6 . 5 ft MSL or 8	<u> </u>		Flush thread	ded PVC schedule 80 ☐ Other ☐	
		10. Screen			<u> </u>
K. Borehole, bottom $\frac{691}{5}$ ft MSL or $\frac{10}{5}$	00.0 ft	a. Scre	een type:	Continuous slot 🛘	
L. Borehole, diameter $\underline{\underline{6}} \cdot \underline{0}$ in.		_	nufacturer Boart Lon		-
M. O.D. well casing 2. 3 7 in.		c. Slot d. Slot	size tted length:	0. <u>0</u> <u>1</u> <u>5</u>	0 in. 0 ft.
N. I.D. well casing $2 \cdot 0 \cdot 5$ in.		11. Backf	ill material (below filler pack) natu): None ☐ ral collapse Other ■	
T1 1 00 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1	C :. 4. 1	4 - 41 - 1 - 4 C - 1			
I hereby certify that the information on this	torm is true and correct	to the best of my know	viedge.		
Signature M L Malle	Firm NewFie	elds, Madison, Wiscor	nsin		

	olid Waste ☐ Haz. Waste ☐ se & Repair ☐ Underground T			FORING WELL CONSTRUCTION 400-113A Rev. 4-90
Department of Natural Resources Env. Respon Facility/Project Name		anks D Other D		400-113A Kev. 4-90
DB Oak Facility	Local Grid Location of Well ft. N.	ft. 🗖 E.	Well Name	MW-3C
Fort Atkinson, Wisconsin	□ S.	□ w.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Facility License, Permit or Monitoring Number	Grid Origin Location Lat L	ong.		mber DNR Well Number
Type of Well Water Table Observation Well □ 11 Piezometer □ 12	St. Plane ft.	N, ft. E.	Date Well Installed	$\frac{0}{m} \frac{9}{m} / \frac{2}{d} \frac{2}{d} / \frac{0}{y} \frac{7}{y}$
Distance Well Is From Waste/Source Boundary	Section Location of Waste/Sou NE 1/4 of SE 1/4 of Sec. 34		Well Installed By: (Per	son's Name and Firm)
Is Well A Point of Enforcement Std. Application?	Location of Well Relative to V		Mike Ha	nson
□ Yes □ No	u D Upgradient d Downgradient	s Sidegradient	Boart Lo	ongyear
A. Protective pipe, top elevation ft		1. Cap and		■ Yes □ No
B. Well casing, top elevation 7 9 3 . 4 9 ft	. MSL	- 1 · - 2. 1 loccili	e cover pipe: diameter:	4 0 in
C. Land surface elevation 7 9 1 0 ft	. MSL	b. Leng		$-\frac{4}{7}\cdot\frac{0}{0}$ in.
D. Surface seal, bottom 7 8 9 0 ft MSL or		c. Mate	ial: Stick up	Steel
	2 - u 	d Addi	ional protection?	Other ☐ △△△
12. USCS classification of soil near screen: GP □ GM □ GC □ GW □ SW □ SF	\	If yes	, describe:	□ res ■ No
SM SC D MLD MHD CL D CH		3. Surface		Bentonite □ 3 0
Bedrock □				Concrete □ 0 1
10.01 1.10 1.10 1.10	,		Native soil	Other Other
13. Sieve analysis attached? ☐ Yes ■ N	10	4. Materia	between well casing and	
14. Drilling method used: Rotary □ 5	; o	8		Bentonite □ 3 0 Annular Space Seal □ ○○○
Hollow Stem Auger 🗖 4		N	Red Flint #3	Other 🔳 📐
Rotosonic Other	**** 	N		
15. Drilling fluid used: Water ■ 0 2 Air □ 0	o 1	5. Ann	ular space seal:	a. Granular Bentonite 🗖 3 3
Drilling Mud □ 0 3 None □		b	Lbs/gal mud weight	Bentonite-sand slurry \Boxed{3} 3
16 P. 10 P.	, I 🖟	ß c	Lbs/gal mud weight	Bentonite slurry 3 1
16. Drilling additives used? ■ Yes □ 1	™	() d ⊗ e		. Bentonite-cement grout 1 5 0 d for any of the above
Describe:potable water	🖟		installed:	Tremic 0 1
		×	120 gallons bentonite sl	urry Tremie pumped <u> </u>
17. Source of water (attached analysis):		Š	Grout up to 2 feet bgs.	Gravity □ 0 8
Boart Longyear		/ 6. Bentoni		a. Bentonite granules 3 3
		b. C	1/4 in. ■ 3/8 in. □ 1 100 lbs	/2 in. Bentonite chips ■ 3 2 Other □ 2882
E. Bentonite seal, top 6 7 4 . 0 ft MSL or 1	→ 121		d material: Manufacture	er, product name & mesh size
F. Fine sand, top $\underline{} $	22 0 ft	K1 / /	me added 50	<u>lg #40/40 Title</u> <u> lb</u>
G. Filter pack, top 6 6 8 ft MSL or 1	2 <u>3</u> . <u>0</u> ft	8. Filter p.	ack material: Manufactu Red Flint #30	rer, product name & mesh size
H. Screen joint, top $\underline{} \underline{}$	25.0 ft	14 /	me added150	lb
I. Well bottom $\underline{} \phantom{0$	<u>30. 0</u> ft	9. Well ca	•	hreaded PVC schedule 40 □ 2 3 hreaded PVC schedule 80 ■ 2 4
J. Filter pack, bottom $\underline{} \phantom{0$	3 <u>0</u> .0 ft	10. Screen	Sch. 8	Other
K. Borehole, bottom $\underline{} $	45.0 ft		en type:	Factory cut ■ 1 1 Continuous slot □ 0 1
L. Borehole, diameter $\underline{}$ 6 . $\underline{0}$ in.		, h. Ma	nufacturer Boar	Other D V
M. O.D. well casing $\underline{2}$. $\underline{3}$ $\underline{7}$ in.	422	c. Slot		0. 0 1 0 in. - 5 . 0 ft.
N. I.D. well casing $\underline{1} \cdot \underline{9} \cdot \underline{1}$ in.			ill material (below filler)	
T1 1 (C) 1 (1) (C) (1)	. f		.1.1	Outer <u>7.47</u>
I hereby certify that the information on this				
Signature Man & M. Colley	Firm NewFie	elds, Madison, Wiscon	nsin	

	olid Waste ☐ Haz. Waste ☐ Se & Repair ☐ Underground T			ORING WELL CONSTRUCTION 00-113A Rev. 4-90
E 32. (D : 43.)	Local Grid Location of Well		Well Name	
DB Oak Facility	ft. 🗖 N	ft. □ E. □ W.		MW-7B
Fort Atkinson, Wisconsin Facility License, Permit or Monitoring Number	□ S.	U w.	Wis Unique Well Num	iber DNR Well Number
	Grid Origin Location Lat. L	ong.		
Type of Well Water Table Observation Well □ 11 Piezometer □ 12	Lat. L St. Plane ft.	N, ft. E.	Date Well Installed	0 9 / 1 8 / 0 7
Piezometer ■ 12				$\frac{0}{m} \frac{9}{m} / \frac{1}{d} \frac{8}{d} / \frac{0}{y} \frac{7}{y}$
	Section Location of Waste/Sou		Well Installed By: (Perso	on's Name and Firm)
	NE 1/4 of SE 1/4 of Sec. 34, Location of Well Relative to W		Mike Han	son
□ Yes □ No	u D Upgradient	s Sidegradient	Boart Lon	lovear
	d D Downgradient	n 🗖 Not Known		
A. Protective pipe, top elevation ft.	MSL —	1. Cap and		■ Yes □ No
B. Well casing, top elevation $\frac{794}{24}$. $\frac{24}{100}$ ft.	MSL '	-11	e cover pipe:	4 . 0 in.
C. Land surface elevation $\frac{791}{8}$ ft.	MSL	b. Leng	h:	$-\frac{4}{7} \cdot \frac{0}{0} \text{ in.}$
D. Surface seal, bottom 7 8 9. 8 ft MSL or 2	2.0 ft \	c. Mater	ial: Stick up	Steel Other Other
12. USCS classification of soil near screen:		d. Addi	ional protection?	☐ Yes ■ No
GP □ GM □ GC □ GW □ SW □ SP			, describe:	
SM □ SC □ ML □ MH □ CL □ CH Bedrock □		3. Surface	seal:	Bentonite 3 0 Concrete 0 0 1
			Native soil	Other ■ 22.4.
13. Sieve analysis attached? ☐ Yes ■ No)	4. Material	between well casing and	
14. Drilling method used: Rotary □ 5			D 151: 4 #30	Bentonite □ 3 0 Annular Space Seal □
Hollow Stem Auger □ 4 Rotosonic Other ■		š — -	Red Flint #30	Other 🔳
15. Drilling fluid used: Water ■ 0 2 Air □ 0 Drilling Mud □ 0 3 None □ 9			ular space seal:	a. Granular Bentonite 3 3
Diffing Mad 10 0 3 None 19	' I 🖟			. Bentonite-sand slurry □ 3 5 Bentonite slurry ■ 3 1
16. Drilling additives used? ■ Yes □ N	°	₫	% Bentonite	Bentonite-cement grout □ 5 0
Describe: potable water_	I 👸	e f. How	installed:	for any of the above Tremie 0 1
10.0	l Ø		75 gallons bentonite slurr	Tremie pumped I 0 2
17. Source of water (attached analysis):			Grout up to 2 feet bgs.	Gravity □ 0 8
Boart Longyear_		/ 6. Bentoni		a. Bentonite granules 3 3 2 in. Bentonite chips 3 2
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			Other Other
E. Bentonite seal, top $\frac{7}{1}$ $\frac{1}{9}$ $\frac{8}{1}$ ft MSL or $\frac{7}{1}$	<u>²</u> . <u>0</u> ft ∕	7. Fine san	d material: Manufacturer.	product name & mesh size
F. Fine sand, top	7.0 ft		Badger Mining	#40/40 fine
G. Filter pack, top 7 1 3 . 8 ft MSL or 7 8		K Y /	me added50	lb
		8. Filter pa	ck material: Manufacture Red Flint #30	r, product name & mesh size
H. Screen joint, top	<u>0</u> . <u>0</u> ft	b. Volu	me added 150	lb
I. Well bottom 7 0 6 . 8 ft MSL or 8		9. Well cas	sing: Flush the	readed PVC schedule 40 2 3
I. Well bottom	3· <u>~</u> "		Flush the	readed PVC schedule 80 🗖 2 4
J. Filter pack, bottom 7 0 6.8 ft MSL or 8	5.0_ft \		Sah 40	Other 🗖 💆
K. Borehole, bottom 6 9 1 . 8 ft MSL or 10		10. Screen	material: Sch. 40 en type:	Factory cut 1 1
	-`-`" \		on type.	Continuous slot □ 0 1
L. Borehole, diameter $\underline{}$ 6. $\underline{0}$ in.		h Mar	ufacturer Boart I	Other D Other Dongyear
M. O.D. well casing <u>2</u> . <u>3</u> 7 in.	~\ZZ	c. Slot	size	0. 0 1 0 in.
N. I.D. well casing 2.05 in.			ted length:	<u>5.0</u> ft.
1. 1.2. WOII CASING 11.		11. Backf	ll material (below filler pa n	ack): None □ 1 4 atural collapse Other ■ 24 (c)
I hereby certify that the information on this	form is true and some-+ +	o the hest of 1		Culd - 2000
		· · · · · · · · · · · · · · · · · · ·		
Signature /// L Milling	Firm NewFie	elds, Madison, Wiscor	isin	

State of Wisconsin		olid Waste Haz. Waste se & Repair Undergrour	☐ Wastewater ☐] []		ITORING WELL CONSTRUCTION 4400-113A Rev. 4-90
Department of Natural Re Facility/Project Name	esources Env. Respon	Local Grid Location of We			Well Name	
DB Oak Facility	v	ft. \square N.	n ft. [□ E.	Well Hallie	MW-8
Fort Atkinson,	•	□ S.		□ w.		**************************************
Facility License, Permit or M	Monitoring Number	Grid Origin Location Lat	Long		Wis. Unique Well N	umber DNR Well Number
Type of Well Water Table	Observation Well 11	St. Plane	ft. N,	ft. E.	Date Well Installed	0 9 / 1 9 / 0 7
Piezometer	□ 12					$\frac{0}{m} \frac{9}{m} / \frac{1}{d} \frac{9}{d} / \frac{0}{y} \frac{7}{y}$
Distance Well Is From Waste	e/Source Boundary	Section Location of Waste	Course	■E	Well Installed By: (Pe	erson's Name and Firm)
Distance wents from was	0,000100 20011111,	NE 1/4 of SE 1/4 of Sec. 3		_	Mike H	
Is Well A Point of Enforcem	nent Std. Application?	Location of Well Relative	to Waste/Source			idiisoii
	□ Yes □ No	u Upgradient	s □ Side		Boart I	ongyear
		d Downgradient	n U Not	Known		
A. Protective pipe, top eleva	ation ft	MSL		 Cap and 	lock?	■ Yes □ No
B. Well casing, top elevatio	7 9 5 0 3 ft	MSL ———			e cover pipe:	4 0 :
B. Well casing, top elevatio	7 9 2 8 6	MCI = 1888		a. Inside b. Leng	e diameter:	$\frac{4}{7} \cdot \frac{0}{0} \text{ in.}$
C. Land surface elevation				c. Mater	rial:	Steel
D. Surface seal, bottom	7 9 1 . 8 ft MSL or	<u>1.0 ft</u> ✓			Stick up	Other Other
12. USCS classification o	of soil near screen:				tional protection?	☐ Yes ■ No
GP ☐ GM ☐ GC				3. Surface	** *	Bentonite □ 3 0
SM □ SC ■ ML Bedrock □	, D MH D CL D CI		4 K	3. Surface	seai:	Concrete 0 0 1
Bedrock 🗖					Native soil	Other 🔳 🔀
13. Sieve analysis attache	ed? 🛘 Yes 🔳	√o	4 B `	4. Materia	l between well casing a	
14 55 202 - 41 - 4 4	: Rotary 🗖		8 N			Bentonite □ 3 0 Annular Space Seal □
14. Drilling method used	Hollow Stem Auger		8 B		Red Flint	#30 Other ■
Rotosonic	Other		3 13			
		,	3 13			Committee Designation in 1991
15. Drilling fluid used: V	Water □ 0 2 Air □ Mud □ 0 3 None ■		8 B		ular space seal:	a. Granular Bentonite ■ 3 3 Bentonite-sand slurry □ 3 5
Drining	Mud 🗖 0 3 None	′′	8 8			Bentonite slurry 3 1
16. Drilling additives use	ed? 🛘 Yes 🔳	No	8 8	d	% Bentonite	Bentonite-cement grout 5 0
_ ,	. 11		Ø Ø	e	Ft ³ volume add installed:	led for any of the above Tremie □ 0 1
Describe:	potable water		13 13	I. HOW	instance:	Tremie pumped 0 2
17. Source of water (attach	ched analysis):					Gravity □ 0 8
			8 8	, 6. Bentoni	te seal:	a. Bentonite granules 3 3
	Boart Longyear		8 8 /	,		11/2 in. Bentonite chips 3 2
			8 8 /	c		lbs Other 🗆 🔼
E. Bentonite seal, top	$\frac{7}{9}$ $\frac{9}{1}$ $\frac{1}{8}$ ft MSL or _	$\frac{1}{2} \cdot \frac{0}{2}$ ft		7. Fine sa	nd material: Manufacti	urer, product name & mesh size
F. Fine sand, top	7 8 5 . 8 ft MSL or _	7.0 ft.	🛭 🕅 / /	a	Badger Mir	ning #40/40 fine
				b. Volu	ime added 50	lb
G. Filter pack, top	7 8 4 . 8 ft MSL or _	8.0 ft		/ 8. Filter p	ack material: Manufac Red Flint #	eturer, product name & mesh size
H. Screen joint, top	7 8 2 . 8 ft MSL or _	<u>0</u> . <u>0</u> ft		b. Vol	ume added30	
	777 0			9. Well ca	sing: Flus	h threaded PVC schedule 40 🔳 2 3
I. Well bottom	$\frac{7}{7}$ $\frac{7}{2}$ $\frac{8}{8}$ ft MSL or	<u>4 U.U.ft</u>				h threaded PVC schedule 80 🗆 2 4
I Tiles and better	7 7 2 . 8 ft MSL or _	2006	海三科			Other 🗖 🚟
J. Filter pack, bottom	T T Z . O II MISL OI			10. Screen	n material: Sch	n. 40 PVC
K. Borehole, bottom	7 7 2 . 8 ft MSL or	20.0 ft			een type:	Factory cut 1 1
A. Dolchole, bottom						Continuous slot 🔲 0 1
L. Borehole, diameter	$-\frac{6}{10} \cdot \frac{0}{10}$ in.			b Me	nufacturer Bo	Other DOther DOther
M. O.D. well casing	2. 3 7 in.		THE PARTY OF THE P	c. Slo		0. <u>0 1 0</u> i
wi. O.D. well casing				d. Slo	otted length:	$\frac{1}{0}, 0$
N. I.D. well casing	$\frac{2}{2} \cdot \frac{0}{5} = in.$		`	11. Back	fill material (below fill	
						Other 🗆 🚟
I hereby certify that t	the information on th	s form is true and corr	ect to the best	of my kno	wledge.	
Signature	1 Mc Colle	Firm New	wFields, Madis	son, Wisco	nsın	

	Solid Waste Haz. Waste onse & Repair Underground		MONITORIN Form 4400-1	NG WELL CONSTRUCTION 13A Rev. 4-90
Facility/Project Name	Local Grid Location of Well		Well Name	W-8A
DB Oak Facility Fort Atkinson, Wisconsin	ft. N S.		141	W-0A
Facility License, Permit or Monitoring Number	Grid Origin Location		Wis. Unique Well Number	DNR Well Number
Type of Well Water Table Observation Well	Lat f	Long ft. E.	Date Well Installed	
Piezometer			$\frac{0}{m}$	$\frac{9}{m} / \frac{1}{d} \frac{9}{d} / \frac{0}{y} \frac{7}{y}$
Distance Well Is From Waste/Source Boundary	Section Location of Waste/Se		Well Installed By: (Person's	
Is Well A Point of Enforcement Std. Application?	NE 1/4 of SE 1/4 of Sec. 34 Location of Well Relative to		Mike Hanson	
Yes No	u Upgradient d Downgradient	s Sidegradient	Boart Longye	ar
A. Protective pipe, top elevation	ft. MSL	1. Cap and	lock?	■ Yes □ No
B. Well casing, top elevation $\frac{7 \ 9 \ 5}{1 \ 7}$.	ft. MSL	— 1 - Z. Hotel	/e cover pipe: e diameter:	4 0 in
C. Land surface elevation $\frac{7}{9}$ $\frac{9}{2}$ $\frac{8}{8}$		b. Leng	th:	$\frac{}{}$ $\frac{7}{}$ $\frac{0}{}$ ft.
D. Surface seal, bottom 7 9 0. 8 ft MSL or		c. Mate	rial: Stick up	Steel ■ Other □ 2022
12. USCS classification of soil near screen:			tional protection?	☐ Yes ■ No
GP □ GM □ GC □ GW □ SW □	SP ■	1.47	s, describe:	
SM SC ML MH CL Bedrock	CH I	3. Surface	seal:	Bentonite 3 0 Concrete 0 0 1
12.0' 1 '	INo		Native soil	Other 🔳 🗵 🗵
13. Sieve analysis attached? Yes	No S	4. Materia	l between well casing and prote	ective pipe: Bentonite 3 0
14. Drilling method used: Rotary		Ž	Red Flint #30	Annular Space Seal ☐
Hollow Stem Auger I Rotosonic Other		<u> </u>	1001	Other 🔳 📉
16 Dilli Gil al Water Book Air I				
15. Drilling fluid used: Water ■ 0 2 Air I Drilling Mud □ 0 3 None	301		ular space seal: a. (_ Lbs/gal mud weight Be	Granular Bentonite 3 3 3 entonite-sand slurry 3 5
		Ĉ	_Lbs/gal mud weight	Bentonite slurry 3 1
16. Drilling additives used? ■ Yes	¹No	d e.	_% Bentonite Ben Ft ³ volume added for a	
Describe:potable water	I 🐰		installed:	Tremie 0 1
17. Source of water (attached analysis):			25 gallons bentonite slurry Grout up to 2 feet bgs.	Tremie pumped 1 0 2 Gravity 1 0 8
Doort I ou ou oo	1 8	, 6. Bentoni	, ,	Bentonite granules 3 3
Boart Longyear			1/4 in. ■ 3/8 in. □ 1/2 in.	Bentonite chips 1 3 2
E. Bentonite seal, top 7 5 5 . 8 ft MSL or	37.0 ft _	c		Other 🗆 🔼
F. Fine sand, top 7 5 0 . 8 ft MSL or	→ R1	a.	nd material: Manufacturer, pro- Badger Mining #40	
	<u> </u>	b. Volu	ime added50	lb
G. Filter pack, top $\frac{7}{4}$ $\frac{4}{9}$ $\frac{8}{8}$ ft MSL or		b. Volu 8. Filter p a.	ack material: Manufacturer, pro Red Flint #30	oduct name & mesh size
H. Screen joint, top $\frac{7}{4}$, $\frac{4}{7}$, $\frac{8}{8}$ ft MSL or	4 5 . 0 ft		ime added150	lb
I. Well bottom	5 0 . 0 ft	9. Well ca	•	ed PVC schedule 40 2 3 ed PVC schedule 80 2 4
J. Filter pack, bottom 7 4 2 . 8 ft MSL or	50.0 ft			Other 🗆 🐸
7.4.2.8		10. Screen		
K. Borehole, bottom $\frac{7}{2} \cdot \frac{4}{2} \cdot \frac{8}{8}$ ft MSL or	-j-vtt	<i>a.</i> sc.	een type:	Factory cut ■ 1 1 Continuous slot □ 0 1
L. Borehole, diameter $\underline{}$ 6. $\underline{}$ in.		b. Ma	nufacturer Boart Long	·
M. O.D. well casing $\underline{2}$. $\underline{3}$ $\underline{7}$ in.		c. Slo d. Slo	t size tted length:	0. $\frac{0}{5}$ $\frac{1}{5}$ $\frac{0}{0}$ in.
N. I.D. well casing $\underline{2} \cdot \underline{0} \cdot \underline{5}$ in.		11. Backi	ill material (below filler pack):	
71 1 20 4 4 1 0 2 2	:. C :	+ + a + h a h + - £ 1	-1-4	Olive D 27.027
I hereby certify that the information on the	1	· · · · · · · · · · · · · · · · · · ·		
Signature Mach	Firm NewF	ields, Madison, Wiscon	nsin	

			Haz. Waste C Underground			1		IONITORING WELL orm 4400-113A		JCTION ev. 4-90
Facility/Project Name			ocation of Well	•			Well Name			
DB Oak Facility			_ft. DN		ft. 🗆 E	Ξ.	Well Name	MW-8B		
Fort Atkinson, Wisconsin			□ S.		ΠW	٧.				
Facility License, Permit or Monitoring Nur	nber	Grid Origin	Location	Long		,	Wis: Unique We	ell Number	DNR Well 1	Vumber
Type of Well Water Table Observation W	Vell 🗖 11	St. Plane	f	t. N.		ft. E.	Date Well Installe	ed.		
Piezometer	■ 12	St. 1 Idile				11. 12.		$\frac{0}{m}\frac{9}{m}\frac{1}{d}$	9/0	7
						***		m m d	<u>d</u> y	<u>y</u>
Distance Well Is From Waste/Source Bound		NE 1/4 of SE	ion of Waste/So 1/4 of Sec. 34	, T. 6		■E □ W	•	(Person's Name and te Hanson	d Firm)	
Is Well A Point of Enforcement Std. Applie			Vell Relative to							
□ Yes	□ No	u 🛘 Upgrad d 🗘 Downs	lient gradient	s 🗖 n 🗖	Sidegrad Not Kno		Boa	art Longyear		
A. Protective pipe, top elevation	ft.	MSL ——				Cap and			■ Yes □	No
B. Well casing, top elevation $\frac{7}{9}$	5. 19 ft.	MSL -	<u>' </u>	- ` <u>`</u>			ve cover pipe:		4 (n ·
C. Land surface elevation 7 9	2 7 0	MSI ———		3300 m		a. Inside b. Lengt	e diameter:		$-\frac{4}{7} \cdot \frac{6}{2}$	in.
			V.			c. Mater	rial:		Steel	
D. Surface seal, bottom $\frac{7}{9}$ $\frac{9}{0}$. $\frac{7}{1}$ ft	MSL or	<u>2.0</u> ft ∕	\ \ 3				Stick	up	Other 🗆	
12. USCS classification of soil near scre	en.		/ 関 [\ ,	d. Addit	tional protection?		☐ Yes ■	
GP □ GM □ GC □ GW □			<u> </u>			If yes	, describe:			
SM ■ SC □ ML ■ MH □			✓ []	TK.	3.	Surface s	seal:		Bentonite 🗆	3 0
Bedrock 🗖									Concrete	
12 6:	— N	,_	Ŕ	Ø			Native		Other	1 <u>xxx</u>
13. Sieve analysis attached?	■ N	0	S S	Ä	4.	Material	l between well casir	ng and protective pip		
14. Drilling method used:	Rotary 15	0	8	Š				Annulan	Bentonite	
Hollow Stem			N	Ñ			Red Fli	int #30	Space Seal ☐ Other ■	
Rotosonic	Other	<u>11/14</u>	Ř	Ä						•
			Ď,	×						
15. Drilling fluid used: Water 0 2				M -		5. Anni		a. Granular		
Drilling Mud	None 🔲 9	, ,	N N	X				ht Bentonite-s		
16. Drilling additives used? Yes		lo l	Ø			c	Lbs/gal mud weigi	ht Bentonite-cen	nite slurry	131
10. 21	_		[<u>8</u>]	×		е		added for any of the		130
Describe:potable water			K	N/A		f. How	installed:	added for any of the	Tremie	101
		ı	N.	M			75 gallons bentonit	te slurry Trem	ie pumped	
17. Source of water (attached analysis):			N N				Grout up to 2 feet l		Gravity 🗆	3 O E
Boart Longyea	-		R	M .	. 6	Bentonit	te seal:	a Rentonit	te granules 🗆	1 2 2
Bourt Bongyou	•		R	M				□ 1/2 in. Benton	nite chips	1 3 2
7 2 0 7	_		N	×	/	c	10	00 lbs	Other 🗀	j <u>ere</u>
E. Bentonite seal, top $\frac{7}{2} \frac{2}{0} \cdot \frac{7}{1}$ ft		_			/ ,7.	Fine san	d material: Manufa	acturer, product name	e & mesh siz	e
F. Fine sand, top $\frac{7 \cdot 1 \cdot 5}{2 \cdot 1 \cdot 1} \cdot \frac{7}{1 \cdot 1} $	MSL or 7	7 0 ft	\searrow \bowtie	₩/	,	a	Badger	Mining #40/40 fine		(4,4,6)
		•	<u> \\</u>			b. Volu	me added 50	lb lb		
G. Filter pack, top $\frac{7}{14} \cdot \frac{7}{16}$ ft	MSL or <u>7</u>	8 . <u>0</u> ft ~			/ 8.	Filter pa	ack material: Manu Red Flii	facturer, product nar	ne & mesh si	ize
H. Screen joint, top $\frac{7}{1}$ $\frac{1}{2}$ $\frac{2}{7}$ ft	MSL or 8	$\frac{0}{}$. $\frac{0}{}$ fi \sim				b. Volu	me added	150 lb		
I. Well bottom 7 0 7 . 7 f	ft MSL or 8	5.0 ft <			9.	Well cas		lush threaded PVC so		
		`	<u>\</u>				F	lush threaded PVC se	chedule 80 □ Other □	
J. Filter pack, bottom	t MSL or _8	$\frac{5}{2}$. $\frac{0}{2}$ ft \sim		-	10.	Screen	material:	Sch. 40 PVC		• ——
K. Borehole, bottom $\frac{6}{7}$ $\frac{7}{7}$ $\frac{7}{10}$ $\frac{7}{10}$	t MSL or 1	5.0 ft _					een type:		actory cut Inuous slot	
L. Borehole, diameter6 . 0 i	in.					h Man	wfacturer	Boart Longyear	Other	
M. O.D. well casing 2. 3 7 i	in,		√ ∠	~		c. Slot	size	Don't Longycai		$\frac{1}{5} \frac{0}{0}$ in.
N. I.D. well casing 2.05	in			`			ted length:			5 . <u>0</u> ft.
					` 11	. Backfi	ill material (below f Natural collan	filler pack): ose, Bentonite Chips	None C	
								se, bentonic emps	Other	<u> </u>
I hereby certify that the informati	on on this	form is true	e and correct	to the be	est of m	ıy knov	vledge.			
Signature MM A MUCAL	Valor.	Firm	NewFi	ields, Ma	dison V	Wiscon	ısin			
Now IN CARL	w I	1	• 111 /	,			~~~*			



WELL NAME	JOB NO# <u>3410~ 153</u> 0			
WELL DIAMETER	LOCATION Fr Atkinson			
IMEASUREMENTS BELOW FROM TOP OF CASING) TOTAL DEPTH	DATE 9/22/07			
DEPTH TO WATER BEFORE DEVELOPMENT	DEVELOPED BY MCH			
DEPTH TO WATER AFTER DEVELOPMENT 86				
DESCRIPTION OF DEV	ELOPMENT METHOD			
(CIRCLE	E ONE:)			
A. SURGED W	/BAILER & BAILED			
B. SURGED W	/BAILER & PUMPED			
C. SURGED W	BLOCK & BAILED			
(D) SURGED W	BLOCK & PUMPED			
E. OTHER				
CAN THIS WELL BE PURGED DRY?				
VOLUME OF WATER IN FILTER PACK AND WELL CAS				
VOLUME OF WATER REMOVED FROM WELL				
CLARITY OF WATER BEFORE DEVELOPMENT LIGHT BROWN				
CLARITY OF WATER AFTER DEVELOPMENT CLARITY				
OLUME OF WATER ADDED				
SOURCE OF WATER ADDED				
TIME SPENT FOR DEVELOPMENT 60 MIN.	START: END:			
	7:30 PM 8:30 PM			
COMMENTS:				



WELL NAME MW7B	JOB NO# 3416-1530			
WELL DIAMETER2"	LOCATION FT ATKINSON			
(MEASUREMENTS BELOW FROM TOP OF CASING)	DATE 9-21-67			
DEPTH TO WATER BEFORE DEVELOPMENT //.2	DEVELOPED BY MCH			
DEPTH TO WATER AFTER DEVELOPMENT	11.2			
DESCRIPTION OF DEV	ELOPMENT METHOD			
(CIRCLE	E ONE:)			
A. SURGED W	BAILER & BAILED			
B. SURGED W	/BAILER & PUMPED			
C. SURGED W	/BLOCK & BAILED			
D. SURGED W	/ BLOCK & PUMPED			
E. OTHER				
CAN THIS WELL BE PURGED DRY?				
	•			
	•			
VOLUME OF WATER IN FILTER PACK AND WELL CA				
VOLUME OF WATER REMOVED FROM WELL	<u> </u>			
CLARITY OF WATER BEFORE DEVELOPMENT BROWN				
CLARITY OF WATER AFTER DEVELOPMENT CLEAR				
VOLUME OF WATER ADDED				
SOURCE OF WATER ADDED				
TIME SPENT FOR DEVELOPMENT 60 MIN	START: END:			
	9:15 A.M. 10:15 A.M. P.M.			
COMMENTS:				





WELL NAME MW8B JOB	NO# <u>3410~1530</u>		
WELL DIAMETER &2 " LOC	ATION FT ATKINSON		
(MEASUREMENTS BELOW FROM TOP OF CASING) 87./ DAT			
DEPTH TO WATER BEFORE DEVELOPMENT 10.8	DEVELOPED BY _MCH		
DEPTH TO WATER AFTER DEVELOPMENT 10.85	_		
DESCRIPTION OF DEVELO	PMENT METHOD		
(CIRCLE ON	E:)		
A. SURGED W/BAII			
B. SURGED W/BAII			
C. SURGED W/BLOCK & BAILED			
D. SURGED W BLC ೪೮			
E. OTHER			
CAN THIS WELL BE PURGED DRY?			
VOLUME OF WATER IN FILTER PACK AND WELL CASING			
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: END:		
	7:00 P.M. 8:00 (A.M.)		
COMMENTS:			



WELL NAME MW 8	DB NO# 3410-153D	
WELL DIAMETER LO	OCATION Fr ATKINGOL	
(MEASUREMENTS BELOW FROM TOP OF CASING) TOTAL DEPTH 23.1 D	ATE 9/21/07	
DEPTH TO WATER BEFORE DEVELOPMENT 40	DEVELOPED BY MCH	
DEPTH TO WATER AFTER DEVELOPMENT 44 0		
	•	
7 <u>DESCRIPTION OF DEVE</u>	LOPMENT METHOD	
(CIRCLE	ONE:)	
A. SURGED W/B	AILER & BAILED	
B. SURGED W/B	AILER & PUMPED	
C. SURGED W/B	SLOCK & BAILED	
D. SURGED WIRLDCK & PUMPED		
E. OTHER		
CAN THIS WELL BE PURGED DRY?		
VOLUME OF WATER IN FILTER PACK AND WELL CASI	NG7.85	
VOLUME OF WATER REMOVED FROM WELL	75	
CLARITY OF WATER BEFORE DEVELOPMENT	LIGHT BROWN	
CLARITY OF WATER AFTER DEVELOPMENT CLEAR		
OLUME OF WATER ADDED		
SOURCE OF WATER ADDED	10/1	
TIME SPENT FOR DEVELOPMENTMIN.	START: END:	
45	830 PM 935 PM	
	r.ivi.	
COMMENTS		



WELL NAME MWSA JOH	3410-1530	
WELL DIAMETERLO	CATION FF ATKINSON	
(MEASUREMENTS BELOW FROM TOP OF CASING) TOTAL DEPTH 53.1 DA		
DEPTH TO WATER BEFORE DEVELOPMENT_10,7	DEVELOPED BY MICT	
DEPTH TO WATER AFTER DEVELOPMENT 10.8 a	free 45 min	
	, to land	
DESCRIPTION OF DEVELO	DPMENT METHOD	
(CIRCLE O	NE:)	
A. SURGED W/BA	ILER & BAILED	
B. SURGED W/BA	ILER & PUMPED	
C. SURGED W/BL	OCK & BAILED	
D. SURGED W/Bg	OCK & PUMPED	
E. OTHER PUMP		
CAN THIS WELL BE PURGED DRY?		
VOLUME OF WATER IN FILTER PACK AND WELL CASING	3977	
VOLUME OF WATER REMOVED FROM WELL	60 GAC.	
CLARITY OF WATER BEFORE DEVELOPMENT	Lt Brown	
CLARITY OF WATER AFTER DEVELOPMENT	CLEAR	
VOLUME OF WATER ADDED	—— <u> </u>	
SOURCE OF WATER ADDED	1013	
TIME SPENT FOR DEVELOPMENT 30 MIN.	START: END:	
	8:00 A.M. B30 A.M.	
	1 1714	
COMMENTS	Name of the state	



WELL NAME	JOB NO#_ 3410-1530
WELL DIAMETER	LOCATION FT ATKINSON
(MEASUREMENTS BELOW FROM TOP OF CASING) TOTAL DEPTH	DATE 9/22/07
DEPTH TO WATER BEFORE DEVELOPMENT OF	
DEPTH TO WATER AFTER DEVELOPMENT 45.	6 after 2 hrs
DESCRIPTION OF DE	VELOPMENT METHOD
(CIRC	LE ONE:)
A. SURGED N	N/BAILER & BAILED
B. SURGED N	N/BAILER & PUMPED
C. SURGED \	N/BLOCK & BAILED
D. SURGED V	N/B LOCK & PUMPED
E. OTHER	
CAN THIS WELL BE PURGED DRY?	
VOLUME OF WATER IN FILTER PACK AND WELL CA	
VOLUME OF WATER REMOVED FROM WELL	_ @ 30 Gallons
CLARITY OF WATER BEFORE DEVELOPMENT CLARITY OF WATER AFTER DEVELOPMENT	_dark brown
VOLUME OF WATER ADDED	dark brown
SOURCE OF WATER ADDED	——————————————————————————————————————
TIME SPENT FOR DEVELOPMENT 98 MIN	N. START: END:
	1:15 2.M. 2:45 AM
COMMENTS:	
	•
WELL PURGED DRY four	times
Screen set in fine will Produce water	- Silty sand layer
will move water	just extrent small

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

f Dunch

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

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

Sample Type: Water

•	Reporting Detection	Quantitation		Sample
Compound	<u>Limit</u>	<u>Limit</u>		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

peroved by: Malet Ourl

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 <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>
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: Roclust Occursh
Date: 09/19/07

	-		
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 <u>Limit</u>	Quantitation <u>Limit</u>		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: Males Of 19/07

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 <u>Limit</u>	Quantitation <u>Limit</u>	Sample <u>Result</u>
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

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

Approved by: Raluf Carul
Date: 09/19/07

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

Sample Type: Water

Compound	Reporting Detection Limit	Quantitation <u>Limit</u>		Sample <u>Result</u>
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 WI Lab Certification #113289110

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

Approved by: Ralest Punch
Date: 09/19/07

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 <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>
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 WI Lab Certification #113289110

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

Approved by: Rallet Oursell
Date: 09/19/57

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

Sample Type: Water

Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>	•	•
0.50	1.7	< 0.	50
1.0	3.3	< 1	.0
0.50	1.7	< 0.	50
5.0	17	< 5	.0
5.0	17	< 5	.0 M
0.50	1.7	< 0.	50 M
0.50	1.7	< 0.	50
0.50	1.7	< 0.	50
20	67	< 2	20 M
0.50	1.7	< 0.	50
2.0	6.7	< 2	.0
0.50	1.7	< 0.	50 M
0.50	1.7	< 0.	.50
0.50	1.7	< 0.	.50
0.50	1.7	< 0.	.50
0.50	1.7	< 0	.50
0.50	1.7	< 0	.50
0.50	1.7	< 0	.50
20	67	< 2	20 M
10	33	< 1	10 M
0.50	1.7	< 0	.50 M
0.50	1.7	< 0	.50
0.50	1.7	< 0	.50
0.50	1.7	< 0	.50 M
0.50	1.7		.50
0.50	1.7	< 0	.50
	1.7		.50
0.50	1.7		.50
	1.7		.50
0.50	1.7		.50
0.50	1.7		.50
0.50	1.7	< 0	.50
	Detection Limit 0.50 1.0 0.50 5.0 5.0 0.50 0.50 0.50 0	Detection Limit Quantitation Limit 0.50 1.7 1.0 3.3 0.50 1.7 5.0 17 5.0 17 0.50 1.7 0.50	Detection Limit Quantitation Limit Sample Result 0.50 1.7 < 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: Rocket Curel

Date: 09/19/07

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

<u>Compound</u>	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>	Sample <u>Result</u>
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

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

Approved by: Rochet Ownel
Date: 09/19/07

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 <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>
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 WI Lab Certification #113289110

E.C.C.S.

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

Approved by: Roelet Chiral
Date: 09/9/57

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	Environmental Chemistry	al Ct	emi	stry	CHAIN OF CUSTODY	STODY	No 018452 %	(SOP)
	Consulting Services, Inc. 2525 Advance Road Madison, WIE	ervic	Madiso	ices, Inc. Madison, WI 53718			Page Of I	Rush
Project Number:	0451-002-800		Mail Report To:	ort To:	Mark Mc Cullage		Invoice To:	187
May	D.B.		Company	Non	Fields		Company: Samo	
Project Location: Fort Atkinson	kinson		Address		ا ـ ا	5ke 101	, 1	
Sampled By (Print):	7			Ŋ	Medison, WI	53713		
Dave Nemella	emetz						P.O. No.: Quote No.:	
Sample Description	Collection Date Time	Matrix	Total Bottles	Preserv*	Analysis Requested		Comments	Laboratory Number
MW-7B (60)	6-17		8	7	VOCs			43615
MW-7B (80)	81-6	3	W	7),			43676
	 	3	3	/)/			43677
*Preservation Code A=None B=HCL C=H2SO4	Relinguished By	A)	. (Date:Time: 9/18/07	Received By:	mille	Date/Time:
D=HNO3 E=EnCore F=Methanol G=NaOH O=Other(Indicate)	Relinguished By:	X	•	•	Paterine: 11/15m	Received By:	Received By: Cher	9/18/11/18/1
Custody Seal: Present/Absent	Intact/Not Intact Se	Seal#'s				Redeipt Temp:		
					WHITE - REPORT COPY YEL	LOW - LABORATO	YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER	MITTER



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

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

Sample Type: Water

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		ample <u>Result</u>	
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 N	M
Methyl-t-butyl Ether	0.50	1.7	<	0.50	
t-1,2-Dichloroethene	0.50	1.7	<	0.50 N	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 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: 09/20

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

	Reporting Detection	Quantitation	Sa	mple	
Compound	<u>Limit</u>	<u>Limit</u>		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

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

Approved by: Rolled Grand
Date: 09/20/57

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 <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>
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 WI Lab Certification #113289110

E.C.C.S. 2525 Advance Road

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

Approved by: Rahet Caryl
Date: 09/20/57

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

Sample Type: Water

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		ample <u>Result</u>
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. 2525 Advance Road Madison, WI 53718 Phone: (608)221-8700 Fax: (608)221-4889

Approved by: Maluel Cuel
Date: 09/2015)

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

Sample Type: Water

•	Reporting Detection	Quantitation	Sam	nle
Compound	<u>Limit</u>	<u>Limit</u>	Resi	-
4-Methyl-2-pentanone (MIBK)	20	67	< 2	0
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	< 2	0.
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

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

proved by: Raluel Courl
Date: 09/20/27

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

Sample Type.	vv ater	
		Reporting
		T

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>
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

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

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 <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>
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. 2525 Advance Road Madison, WI 53718 Phone: (608)221-8700 Fax: (608)221-4889

Approved by:

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

	Reporting Detection	Quantitation	5	Sample
Compound	<u>Limit</u>	<u>Limit</u>		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

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

Approved by: Rached Com

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

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>	Sample <u>Result</u>	
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%	, D
4-Bromofluorobenzene			93.8%	, D

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: Of Duby

43690 18-18-87 Laboratory N360 Number Date/Time: Date/Time: Rush 86% ¥. Quote No. 018453 Comments Turn Around (circle one) ر ا Report Due: Invoice To: Company: Page_ P.O. No.: Address: ار کا Madison, WI 53718 + Deve 608-770-5794 Receipt Temp: Temp Blank Received By Call with result ** CHAIN OF CUSTODY Mark Mc Cullock Requested 9386.1 Analysis Albhuann Lene, Madison, WD NewsFields VCCS VMCS Preserv* FAX 608-221-4889 **Environmental Chemistry**(Mail Report To: Consulting Services, Inc. Company: Address: Bottles Total MW-8B (60-65) 978 3:00 6W MW-8B (30-35) 19-18 1:00 6W MM-8B (80-851) 9-1814:35 6W Matrix Seal #'s Phone 608-221-8700 Time 2525 Advance Road 045/- 002-800 Collection Relinquished By: intact/Not Intact Sampled By (Print): Dave Nemet 2 Fort Atkinson Date Thomas-DB D=HNO3 E=EnCore F=Methanol **Present/Absent** C=H2SO4 Sample Description *Preservation Code G=NaOH O=Other(Indicate) A=None B=HCL Project Location: Project Number: Project Name: Custody Seal: Shipped Via:

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



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

Robert Osmalu

QA Manager

Enclosures

jce

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

Water Sample Type:

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>
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. 2525 Advance Road Madison, WI 53718 Phone: (608)221-8700 Fax: (608)221-4889

Approved by: M. Linkens
Date: 9/2/107

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

<u>Compound</u>	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>	Sample <u>Result</u>
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

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

Approved by: M. Luribans
Date: 9/a//07

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

<u>Compound</u>	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>
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

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

Approved by:

Date:

9/21/07

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

Sample Type: Water

Compound	Reporting Detection Limit	Quantitation <u>Limit</u>		Sample Result
			_	
Dichlorodifluoromethane	0.50	1.7	<	
Chloromethane	1.0	3.3	<	
Vinyl Chloride	0.50	1.7	<	
Bromomethane	5.0	17	<	
Chloroethane	5.0	17	<	
Trichlorofluoromethane	0.50	1.7	<	
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	
1,1-Dichloroethene	0.50	1.7	<	
Acetone	20	67	<	
Carbon Disulfide	0.50	1.7	<	
Methylene Chloride	2.0	6.7	<	
Methyl-t-butyl Ether	0.50	1.7	<	
t-1,2-Dichloroethene	0.50	1.7	<	
n-Hexane	0.50	1.7	<	
1,1-Dichloroethane	0.50	1.7	<	
Diisopropyl Ether	0.50	1.7	<	
2,2-Dichloropropane	0.50	1.7	<	
c-1,2-Dichloroethene	0.50	1.7		660
2-Butanone (MEK)	20	67	<	
Tetrahydrofuran	10	33	<	
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

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

Approved by: M. Finishers.

Date: 9/27/07

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

Sample Type: Water

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>
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

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

Approved by: M. Linshens
Date: 9/27/87

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

Sample Type: Water

<u>Compound</u>	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>
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

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

Approved by:

m. Jinsken

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

	Reporting Detection	Quantitation		Sample
Compound	<u>Limit</u>	<u>Limit</u>		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

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

Approved by: M. Lindlers
Date: 9/17/07

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

<u>Compound</u>	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		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

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

Date: 9/27/62

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

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

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

4-Bromofluorobenzene

Approved by: M. Lindres.

Date: 9/17/87

93.3%

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

Sample Type: Water

Compound	Reporting Detection Limit	Quantitation <u>Limit</u>		ample 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

E.C.C.S. 2525 Advance Road Madison, WI 53718 Phone: (608)221-8700 Fax: (608)221-4889 Approved by: M. Jundans
Date: 9/27/67

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

Sample Type: Water

	Reporting Detection	Quantitation		Sample
Compound	<u>Limit</u>	<u>Limit</u>		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

E.C.C.S. 2525 Advance Road Madison, WI 53718 Phone: (608)221-8700 Fax: (608)221-4889 Approved by: M. Linebane
Date: 9/20/07

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 <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>
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

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

Approved by: My findrens
Date: 9/27/67

9/2010753/M Call Done 770-57944 results H3705 43736 Har has air bobbe 43724 Laboratory Date/Time: WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER Turn Around (circle one) Normal (Rush Vials jabelithrat has extr bother るるので ON W Quote No. 018447 7500 STAP 7 Dea 5/2 e . م Report Due: Invoice To: Page___ Company ار ا P.O. No.: Address Temp Blank Y N Received By: Receipt Temp: Received By: **CHAIN OF CUSTODY** Date/Time: 8/20/07 5:08 p.m. 3386. A Requested Analysis VOCS MCS VO Cs Madison, WI 53718 Preserv* FAX 608-221-4889 Mail Report To: **Environmental Chemistry** Consulting Services, Inc. Company Address: Bottles \Im Total ω MN-2B (60-65') 9-20 12:35 (20) MW-8B (100-105) 9-19 10;15 6W MW-2B(80-85) 9-20 | 2:25 | 6W| MW-2B (100-105) 19-20 14:25 60) Matrix Seal #'s Phone 608-221-8700 Time Sampled By (Print): Dave Newettz 2525 Advance Road Collection Relinquished By: Intact/Not Intact Project Number: 045/-002-900Date D=HNO3 E=EnCore F=Methanol Present/Absent C=H2SO4 Sample Description Preservation Code G=NaOH O=Other(Indicate) A=None B=HCL Project Location: Project Name: Custody Seal: Shipped Via:



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

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
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Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		ample <u>Result</u>	
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

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

Approved by: Raluf Curl
Date: 09/24/07

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		

<u>Compound</u>	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>
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

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

Approved by: Rolleh Curl
Date: 09/14/57

	-		
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 <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>
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

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

Approved by: Rolet Church
Date: 09/24/07

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 <u>Limit</u>		Sample <u>Result</u>
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

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

Approved by: Rolut Court
Date: 09/24/07

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 water	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		ample <u>Result</u>
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

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

Approved by: Ralial Curil
Date: 09/24/07

	•		
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 <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>
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

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

Approved by: Ralief Church
Date: 09/24/57

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 <u>Limit</u>	Quantitation <u>Limit</u>		mple esult
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	< 1	0.50
c-1,3-Dichloropropene	0.50	1.7	<	0.50

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 Court

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		

	Reporting Detection	Quantitation	S	ample
Compound	<u>Limit</u>	<u>Limit</u>		<u>Result</u>
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

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

Approved by: Ralet Caul
Date: 09/24/57

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		

<u>Compound</u>	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>
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

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

Approved by: Ralist Christ

Date: 012467

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Environmental Chemistry	CHAIN OF CUSTODY	DY No. 018448 * *	45
Consulting Services, Inc.	3386.3	Page / of / Turn Around (circle one) Normal Rush	
Mail Report To:	Mark Mc Cullock	1	
Thomas DB Company Ne	Œ	Company: Am	
Project Location: Tort Atkinson Address: 21/C	110 Luannhame, Ste 101	Address:	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Madison, WI 53713		
		P.O. No.: Quote No.:	
Sample Description Date Time Matrix Bottles Preserv*	Analysis Requested	Labor Comments Nur	Laboratory Number
MW-3C/100-105/19-21/2015/6W/3	VOCs	43.23	35
120-17519-21 4:00 6W	LOCS	1373	7 2
12-6/3	LBS.	43737	737
1			
	i		
Preservation Code Refinancished By: A=None B=HCL C=H2SO4	PaterTime; 7:30pm Received By:	Color of State of Sta	730 PM
E=EnCore	Date/Time: Rece		ле:
G=NaOH O=Other(Indicate)	a da	Receint Term	
ווומכנוואסו וווומכנ	Tem	Temp Blank Y N / N P	
	WHITE - REPORT COPY YELLOW - I	ATORY COPY PINK - SAM	

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

Project Name: Project Location: DB Oak

Date Analyzed:

10/30/07

Sample ID:

MW-1

Fort Atkinson, Wisconsin Concentration: Dilution Factor: ug/L 1

Date Collected:

10/25/07

Lab Sample Number:

0710055-01

Sample Type:

Water

Compound	Detection <u>Limit</u>	Quantitation <u>Limit</u>		Sample Result		
Dichlorodifluoromethane	0.50	1.7	< 0	.50		
Chloromethane	1.0	3.3	< 1	0.1		
Vinyl Chloride	0.50	1.7	< 0	.50		
Bromomethane	5.0	17	< 5	5.0		
Chloroethane	5.0	17	< 5	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	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	0.50		
1,2-Dichloropropane	0.50	1.7	< (0.50		
Dibromomethane	0.50	1.7	< 0	0.50		
Bromodichloromethane	0.50	1.7	< ().50		
c-1,3-Dichloropropene	0.50	1.7	< ().50		

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:

Project Name: Project Location: DB Oak

Date Analyzed:

10/30/07

Sample ID:

MW-1

Fort Atkinson, Wisconsin Concentration: Dilution Factor: ug/L 1

Date Collected:

10/25/07

Lab Sample Number:

0710055-01

Sample Type:

Water

Re	eporting

Compound	Reporting Detection Limit	Quantitation <u>Limit</u>		ample <u>Result</u>	
4-Methyl-2-pentanone (MIBK)	20	67	<	20	
Toluene 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

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

Approved by:

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 <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>
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

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

Approved by:

J

Project Name:DB OakDate Analyzed:10/30/07Project Location:Fort Atkinson, WisconsinConcentration:ug/LSample ID:MW-2Dilution Factor:50

Date Collected: 10/26/07 Lab Sample Number: 0710055-14

Sample Type: Water

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		Sample Result
Dichlorodifluoromethane	0.50	1.7	<	25
Chloromethane	1.0	3.3	<	50
Vinyl Chloride	0.50	1.7		27
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 WI Lab Certification #113289110

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

Approved by:

0710055-14

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

Sample Type: Water

10/26/07

Date Collected:

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>	Sample <u>Result</u>
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 WI Lab Certification #113289110

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

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 <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>
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 WI Lab Certification #113289110

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

Approved by:

Project Name:DB OakDate Analyzed:10/30/07Project Location:Fort Atkinson, WisconsinConcentration:ug/LSample ID:MW-2ADilution Factor:50

Date Collected: 10/26/07 Lab Sample Number: 0710055-15

Sample Type: Water

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		ample 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

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:

0710055-15

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

Sample Type: Water

10/26/07

Date Collected:

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		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

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:

Project Name:DB OakDate Analyzed:10/30/07Project Location:Fort Atkinson, WisconsinConcentration:ug/LSample ID:MW-2ADilution Factor:50

Date Collected: 10/26/07 Lab Sample Number: 0710055-15

Sample Type: Water

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>
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%

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:

Project Name:DB OakDate Analyzed:10/30/07Project Location:Fort Atkinson, WisconsinConcentration:ug/LSample ID:MW-2BDilution Factor:1

Date Collected: 10/26/07 Lab Sample Number: 0710055-16

Sample Type: Water

Compound	Reporting Detection Limit	Quantitation <u>Limit</u>	Sample <u>Result</u>
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

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:

Project Name: Project Location: DB Oak

Date Analyzed:

10/30/07

Sample ID:

Fort Atkinson, Wisconsin Concentration:

ug/L

Date Collected:

MW-2B

Dilution Factor:

Sample Type:

10/26/07

Lab Sample Number:

0710055-16

Water

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>	Sample <u>Result</u>
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

Method Reference: Modified 8260 WI Lab Certification #113289110

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Approved by:

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 <u>Limit</u>	Quantitation <u>Limit</u>		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 WI Lab Certification #113289110

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Approved by:

10/30/07

ug/L

400

Project Name: DB Oak Date Analyzed:
Project Location: Fort Atkinson, Wisconsin Concentration:
Sample ID: MW-3 Dilution Factor:

Date Collected: 10/26/07 Lab Sample Number: 0710055-18

Sample Type: Water

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		ample <u>Result</u>
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

Method Reference: Modified 8260 WI Lab Certification #113289110

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Approved by:

Project Name:

DB Oak

Date Analyzed:

10/30/07

Project Location: Sample ID:

Fort Atkinson, Wisconsin Concentration: MW-3

Dilution Factor:

ug/L

400

Date Collected:

10/26/07

Lab Sample Number:

0710055-18

Date Conected.	10/20/07		Lao Sample Number.	U	/10055-1	o
Sample Type:	Water					
Compound		Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		Sample Result	
4-Methyl-2-pentan	one (MIBK)	20	67	<	8000	
Toluene		0.50	1.7	<	200	
1,1,2-Trichloroeth	ane	0.50	1.7		400	J
t-1,3-Dichloroprop	ene	0.50	1.7	<	200	
Tetrachloroethene		0.50	1.7		10000	
1,3-Dichloropropa	ne	0.50	1.7	<	200	
2-Hexanone		20	67	<	8000	
Dibromochlorome	thane	0.50	1.7	<	200	
1,2-Dibromoethan	e	0.50	1.7	<	200	
Chlorobenzene		0.50	1.7	<	200	
1,1,1,2-Tetrachlor	oethane	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-Tetrachlor	oethane	0.50	1.7	<	200	
Bromobenzene		0.50	1.7	<	200	
1,2,3-Trichloropro	opane	1.0	3.3	<	400	
n-Propyl benzene		0.50	1.7	<	200	
2-Chlorotoluene		0.50	1.7	<	200	

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Method Reference: Modified 8260 WI Lab Certification #113289110

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1,3,5-Trimethylbenzene

1,2,4-Trimethylbenzene

4-Chlorotoluene

t-Butyl benzene

sec-Butyl benzene

1,3-Dichlorobenzene

1,4-Dichlorobenzene

1,2-Dichlorobenzene

p-Isopropyl toluene

n-Butyl benzene

Approved by

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Project Name:DB OakDate Analyzed:10/30/07Project Location:Fort Atkinson, WisconsinConcentration:ug/LSample ID:MW-3Dilution Factor:400Date Collected:10/26/07Lab Sample Number:0710055-18

Sample Type: Water

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		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 WI Lab Certification #113289110

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Approved by:

REVISED REPORT

Project Name:

DB Oak

Date Analyzed:

10/30/07

Project Location:

Fort Atkinson, Wisconsin Concentration:

ug/L

Sample ID: Date Collected:

MW-3A

Dilution Factor:

250

Sample Type:

10/26/07 Water

Lab Sample Number:

0710055-19

Reporting

	Reporting	0 414 41	~	_	
	Detection	Quantitation		ample	
Compound	<u>Limit</u>	<u>Limit</u>	<u> </u>	<u>Result</u>	
Dichlorodifluoromethane	0.50	1.7	<	125	
Chloromethane	1.0	3.3	<	250	
Vinyl Chloride	0.50	1.7		520	
Bromomethane	5.0	1.7	<		
Chloroethane	5.0	17	<	1250 1250	
Trichlorofluoromethane	0.50	1.7	<	1250	
1,1,2-Trichlorotrifluoroethane	0.50	1.7	<	125	
1,1-Dichloroethene	0.50	1.7	<	125	
Acetone	20	67	<		
Carbon Disulfide	0.50	1.7	<	5000 125	
	2.0	6.7			
Methylene Chloride			<	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 WI Lab Certification #113289110

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REVISED REPORT

Project Name:DB OakDate Analyzed:10/30/07Project Location:Fort Atkinson, WisconsinConcentration:ug/LSample ID:MW-3ADilution Factor:250

Date Collected: 10/26/07 Lab Sample Number: 0710055-19

Sample Type: Water

Smilpro 2)por	Reporting		_
	Detection	Quantitation	Sample
Compound	<u>Limit</u>	<u>Limit</u>	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 WI Lab Certification #113289110

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Approved by:

REVISED REPORT

Project Name:DB OakDate Analyzed:10/30/07Project Location:Fort Atkinson, WisconsinConcentration:ug/LSample ID:MW-3ADilution Factor:250Date Collected:10/26/07Lab Sample Number:0710055-19

Sample Type: Water

	Reporting			
	Detection	Quantitation		Sample
Compound	<u>Limit</u>	<u>Limit</u>		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 WI Lab Certification #113289110

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

Approved by:

Project Name:DB OakDate Analyzed:10/31/07Project Location:Fort Atkinson, WisconsinConcentration:ug/LSample ID:MW-3BDilution Factor:200Date Collected:10/26/07Lab Sample Number:0710055-20

Sample Type: Water

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		ample <u>Result</u>
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

Method Reference: Modified 8260 WI Lab Certification #113289110

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Approved by:

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 <u>Limit</u>	Quantitation <u>Limit</u>		ample <u>Result</u>
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

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

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 <u>Limit</u>	Quantitation <u>Limit</u>		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%

Method Reference: Modified 8260 WI Lab Certification #113289110

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Approved by:

Project Name:

DB Oak

Date Analyzed:

10/31/07

Project Location:

Fort Atkinson, Wisconsin Concentration:

ug/L

Sample ID: Date Collected: MW-3C

Dilution Factor:

10/26/07

Lab Sample Number:

0710055-21

Sample Type:

Water

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		mple esult	
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	\mathbf{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 WI Lab Certification #113289110

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Approved by:

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

	Reporting Detection	Quantitation	Sample
Compound	<u>Limit</u>	<u>Limit</u>	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 WI Lab Certification #113289110

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

Approved by:

		· · · · · · · · · · · · · · · · · · ·	
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 <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>
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.

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:

E = Estimated, exceeds calibration range.

Project Name:

DB Oak

Date Analyzed:

10/31/07

Project Location: Sample ID:

Fort Atkinson, Wisconsin Concentration:

Dilution Factor:

ug/L

Date Collected:

Trip Blank 10/26/07

Lab Sample Number:

Sample Type:

Water

0710055-22

<u>Compound</u>	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>	Sample <u>Result</u>
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.

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

Approved by:

Project Name:DB OakDate Analyzed:10/31/07Project Location:Fort Atkinson, WisconsinConcentration:ug/LSample ID:Trip BlankDilution Factor:1

Date Collected: 10/26/07 Lab Sample Number: 0710055-22

Sample Type: Water

Compound	Reporting Detection Limit	Quantitation <u>Limit</u>	Sample <u>Result</u>	
4-Methyl-2-pentanone (MIBK)	20	67	< 20	
Toluene 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

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

Approved by:

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 <u>Limit</u>	Quantitation <u>Limit</u>	1	Sample <u>Result</u>
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 WI Lab Certification #113289110

E.C.C.S.

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

Project Name: Date Analyzed: DB Oak 10/30/07 Project Location: Fort Atkinson, Wisconsin Concentration: ug/L Sample ID: MW-4 Dilution Factor: 50

Date Collected: Lab Sample Number: 10/25/07 0710055-12

Sample Type: Water

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		ample Result	٠
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 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: [[/

Project Name: Project Location: DB Oak

Date Analyzed:

10/30/07

MW-4

Fort Atkinson, Wisconsin Concentration:

ug/L

50

Sample ID: Date Collected:

10/25/07

Dilution Factor:

0710055-12

Sample Type:

Water

Lab Sample Number:

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		ample 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 WI Lab Certification #113289110

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

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

Sample Type: Water

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>	;	Sample <u>Result</u>	,
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 WI Lab Certification #113289110

E.C.C.S.

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

Approved by: A Date: ((/1/5)

Project Name:DB OakDate Analyzed:10/30/07Project Location:Fort Atkinson, WisconsinConcentration:ug/LSample ID:MW-4ADilution Factor:1

Date Collected: 10/25/07 Lab Sample Number: 0710055-13

Sample Type: Water

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>
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

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

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 <u>Limit</u>		ample Result	
4-Methyl-2-pentanone (MIBK)	20	67	<	20	,
Toluene	0.50	1.7	<	0.50	
	0.50	1.7	<	0.50	
1,1,2-Trichloroethane t-1,3-Dichloropropene	0.50	1.7	<	0.50	
Tetrachloroethene	0.50	1.7		1.2	T
	0.50	1.7	<	0.50	J
1,3-Dichloropropane 2-Hexanone	20	67	<	20	
,	0.50	1.7	<	0.50	
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 m.h. Yulong	1.0	3.3	<	1.0	
m+p-Xylene	0.50	1.7	<	0.50	
o-Xylene	0.50	1.7	<	0.50	
Styrene Bromoform	0.50	1.7	<	0.50	
Isopropylbenzene	0.50	1.7	<	0.50	
	0.50	1.7	<	0.50	
1,1,2,2-Tetrachloroethane 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	
.,- 210111010001110110	2.20				

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:

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 <u>Limit</u>		ample 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 WI Lab Certification #113289110

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

Approved by:

Project Name:

DB Oak

Date Analyzed:

10/30/07

Project Location: Sample ID:

MW-5

Fort Atkinson, Wisconsin Concentration: Dilution Factor: ug/L

1

Date Collected:

10/25/07

Lab Sample Number:

0710055-02

Sample Type:

Water

Reporting

Compound	Detection <u>Limit</u>	Quantitation <u>Limit</u>		mple esult
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. 2525 Advance Road Madison, WI 53718 Phone: (608)221-8700 Fax: (608)221-4889

Project Name:DB OakDate Analyzed:10/30/07Project Location:Fort Atkinson, WisconsinConcentration:ug/LSample ID:MW-5Dilution Factor:1

Date Collected: 10/25/07 Lab Sample Number: 0710055-02

Sample Type: Water

Compound	Reporting Detection Limit	Quantitation <u>Limit</u>	Sample <u>Result</u>
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

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

Approved by:

Date: 11/2/5

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

Sample Type: Water

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		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 WI Lab Certification #113289110

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

Approved by: R Child

Project Name:

DB Oak

Date Analyzed:

10/30/07

Project Location: Sample ID:

MW-6

Fort Atkinson, Wisconsin Concentration:

ug/L

Date Collected:

10/25/07

Dilution Factor:

1

Sample Type:

Water

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Lab	Sample	e mun	iber.

0710055-03

71	
	Donouting
	Reporting
	Detection

Compound		Detection <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>		
	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

WI Lab Certification #113289110

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

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 <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>	
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

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

Approved by

Date: 11/2/5

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

Date Collected:

Sample Type: Water

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>
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 WI Lab Certification #113289110

E.C.C.S.

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

Lab Sample Number:

0710055-04

Project Name:DB OakDate Analyzed:10/30/07Project Location:Fort Atkinson, WisconsinConcentration:ug/LSample ID:MW-6ADilution Factor:1

Sample Type: Water

10/25/07

Date Collected:

Compound water	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		ample <u>Result</u>
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. 2525 Advance Road Madison, WI 53718 Phone: (608)221-8700 Fax: (608)221-4889

Approved by:

Date: 11/2/5

Project Name:

DB Oak

Date Analyzed:

10/30/07

Project Location:

Fort Atkinson, Wisconsin Concentration:

ug/L

Sample ID:

MW-6A

Dilution Factor:

Date Collected:

10/25/07

Lab Sample Number:

0710055-04

Sample Type:

Water

Reporting
Detection

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

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: R. C. C. C. Date: (1/2/57)

Lab Sample Number:

0710055-04

Project Name: DB Oak Date Analyzed: 10/30/07 Fort Atkinson, Wisconsin Concentration: Project Location: ug/L Dilution Factor: Sample ID: MW-6A

Date Collected: Sample Type: Water

10/25/07

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>
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 WI Lab Certification #113289110

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

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 <u>Limit</u>	Quantitation <u>Limit</u>		mple esult	
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 WI Lab Certification #113289110

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

Approved by

Project Name:DB OakDate Analyzed:10/30/07Project Location:Fort Atkinson, WisconsinConcentration:ug/LSample ID:MW-7Dilution Factor:1

Date Collected: 10/25/07 Lab Sample Number: 0710055-05

Sample Type: Water

	Reporting Detection	Quantitation		Sample
Compound	<u>Limit</u>	<u>Limit</u>		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 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: {{/

Project Name:DB OakDate Analyzed:10/30/07Project Location:Fort Atkinson, WisconsinConcentration:ug/LSample ID:MW-7Dilution Factor:1Date Collected:10/25/07Lab Sample Number:0710055-05

Sample Type: Water

<u>Compound</u>	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>	Sample <u>Result</u>
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 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: 【【/】

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 <u>Limit</u>	Quantitation <u>Limit</u>	Sample <u>Result</u>	
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 WI Lab Certification #113289110

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

Approved by:

Project Name: DB Oak Date Analyzed: 10/31/07 Project Location: Fort Atkinson, Wisconsin Concentration: ug/L Sample ID: MW-7A Dilution Factor: 10

Lab Sample Number: Date Collected: 10/25/07 0710055-06

Sample Type: Water

Compound	Reporting Detection Limit	Quantitation <u>Limit</u>		Sample <u>Result</u>
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 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: ((/2/5)

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

Sample Type: Water

<u>Compound</u>	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		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 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: I(/1/5)

Project Name: DB Oak Fort Atkinson, Wisconsin Concentration: Project Location: Sample ID: MW-7B

Date Analyzed: 10/30/07 ug/L Dilution Factor: 1

Date Collected:

Sample Type:

10/25/07 Water

Lab Sample Number: 0710055-07

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		ample <u>Result</u>	
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

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

Approved by:

Date: ((/4/57)

Project Name:

DB Oak

Date Analyzed:

10/30/07

Project Location:

Fort Atkinson, Wisconsin Concentration:

Sample ID:

MW-7B

Dilution Factor:

ug/L 1

Date Collected:

10/25/07

Sample Type:

Water

Lab Sample Number:

0710055-07

7.	Reporting Detection	Quantitation	Sample
Compound	<u>Limit</u>	<u>Limit</u>	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 WI Lab Certification #113289110

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

Approved by: Approved by: Date: (1/45)

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

Sample Type: Water

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>
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 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: ((/1/5)

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

Reporting

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>	Samp <u>Resu</u>	
Dichlorodifluoromethane	0.50	1.7	< 0.5	0
Chloromethane	1.0	3.3	< 1.0)
Vinyl Chloride	0.50	1.7	< 0.5	0
Bromomethane	5.0	17	< 5.0	С
Chloroethane	5.0	17	< 5.0	C
Trichlorofluoromethane	0.50	1.7	< 0.5	0
1,1,2-Trichlorotrifluoroethane	0.50	1.7	< 0.5	0
1,1-Dichloroethene	0.50	1.7	< 0.5	0
Acetone	20	67	< 20)
Carbon Disulfide	0.50	1.7	< 0.5	0
Methylene Chloride	2.0	6.7	< 2.0	0
Methyl-t-butyl Ether	0.50	1.7	< 0.5	0
t-1,2-Dichloroethene	0.50	1.7	< 0.5	0
n-Hexane	0.50	1.7	< 0.5	0
1,1-Dichloroethane	0.50	1.7	< 0.5	0
Diisopropyl Ether	0.50	1.7	< 0.5	0
2,2-Dichloropropane	0.50	1.7	< 0.5	0
c-1,2-Dichloroethene	0.50	1.7	< 0.5	0
2-Butanone (MEK)	20	67	< 20)
Tetrahydrofuran	10	33	< 10)
Bromochloromethane	0.50	1.7	< 0.5	0
Chloroform	0.50	1.7	< 0.5	0
1,1,1-Trichloroethane	0.50	1.7	< 0.5	0
Carbon Tetrachloride	0.50	1.7	< 0.5	90
1,1-Dichloropropene	0.50	1.7	< 0.5	50
Benzene	0.50	1.7	< 0.5	50
1,2-Dichloroethane	0.50	1.7	< 0.5	50
Trichloroethene	0.50	1.7	< 0.5	50
1,2-Dichloropropane	0.50	1.7	< 0.5	50
Dibromomethane	0.50	1.7	< 0.5	50
Bromodichloromethane	0.50	1.7	< 0.5	50
c-1,3-Dichloropropene	0.50	1.7	< 0.5	50

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

Project Name:DB OakDate Analyzed:10/30/07Project Location:Fort Atkinson, WisconsinConcentration:ug/LSample ID:MW-8Dilution Factor:1

Date Collected: 10/25/07 Lab Sample Number: 0710055-08

Sample Type: Water

	Reporting Detection	Quantitation	Sample	
Compound	<u>Limit</u>	<u>Limit</u>	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

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

Approved by

Date Analyzed: Project Name: DB Oak 10/30/07 Fort Atkinson, Wisconsin Concentration: ug/L Project Location: Dilution Factor: Sample ID: MW-8

Lab Sample Number: Date Collected: 10/25/07 0710055-08

Sample Type: Water

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>
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%

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: Mand

Project Name:DB OakDate Analyzed:10/30/07Project Location:Fort Atkinson, WisconsinConcentration:ug/LSample ID:MW-8ADilution Factor:1

Date Collected: 10/25/07 Lab Sample Number: 0710055-09

Sample Type: Water

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		ample <u>Result</u>	
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	

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:

Project Name: Date Analyzed: DB Oak 10/30/07 Project Location: Fort Atkinson, Wisconsin Concentration: ug/L Sample ID: MW-8A Dilution Factor:

Date Collected: 10/25/07 Lab Sample Number: 0710055-09

Sample Type: Water

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		ample 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 WI Lab Certification #113289110

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

Approved by: All All All Date: U(145)

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

Sample Type: Water

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		Sample <u>Result</u>
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 WI Lab Certification #113289110

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

Approved by: Mall

Project Name: DB Oak Date Analyzed: 10/30/07 Project Location: Fort Atkinson, Wisconsin Concentration: ug/L Sample ID: MW-8B Dilution Factor:

Date Collected: Lab Sample Number: 10/25/07 0710055-10

Sample Type: Water

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		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. 2525 Advance Road Madison, WI 53718 Phone: (608)221-8700 Fax: (608)221-4889

Approved by:

Date: (1/2/5)

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

Re	por	tin	g

	Detection	Quantitation	Sample	
Compound	<u>Limit</u>	<u>Limit</u>	<u>]</u>	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

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

Approved by:

Lab Sample Number:

0710055-10

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

Sample Type: Water

10/25/07

Date Collected:

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>	;	Sample <u>Result</u>
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:

Project Name:

DB Oak

Date Analyzed:

10/30/07

Project Location:

Fort Atkinson, Wisconsin Concentration:

ug/L

Sample ID: Date Collected: Dup-1

Dilution Factor:

10

Sample Type:

10/25/07

Lab Sample Number:

0710055-11

Water

<u>Compound</u>	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>	Sample <u>Result</u>
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

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

Approved by: ADDA

Project Name:

DB Oak

Date Analyzed:

10/30/07

Project Location:

Fort Atkinson, Wisconsin Concentration:

ug/L

Sample ID: Date Collected:

Dup-1 10/25/07 Dilution Factor:

10

Sample Type:

Water

Lab Sample Number:

0710055-11

Reporting

	Detection	Quantitation	-	Sample		
Compound	<u>Limit</u>	<u>Limit</u>	Resu	<u> </u>		
4-Methyl-2-pentanone (MIBK)	20	67	< 20	0		
Toluene	0.50	1.7	< 5.0	0		
1,1,2-Trichloroethane	0.50	1.7	< 5.0	0		
t-1,3-Dichloropropene	0.50	1.7	< 5.0	0		
Tetrachloroethene	0.50	1.7	39	0		
1,3-Dichloropropane	0.50	1.7	< 5.	0		
2-Hexanone	20	67	< 20	0		
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	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	0		
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: Male Approved by: Date: [(45]

Project Name: DB Oak
Project Location: Fort Atkinson, W

Fort Atkinson, Wisconsin Concentration:

Date Analyzed: 10/30/07 Concentration: ug/L Dilution Factor: 10

Sample ID:
Date Collected:

Dup-1 10/25/07

Lab Sample Number:

0710055-11

Sample Type:

Water

<u>Compound</u>	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>		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 WI Lab Certification #113289110

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

Approved by

Project Name:

DB Oak

Date Analyzed:

10/30/07

Project Location:

Fort Atkinson, Wisconsin Concentration:

ug/L

Sample ID: Date Collected: Dup-2

Dilution Factor:

200

Sample Type:

10/26/07

Lab Sample Number:

0710055-17

Water

Sample Type: Water	Reporting Detection	Quantitation	S	ample	
Compound	<u>Limit</u>	<u>Limit</u>		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

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

Approved by:

10/30/07

200

Date Analyzed: Project Name: DB Oak Fort Atkinson, Wisconsin Concentration: Project Location: ug/L Dilution Factor: Sample ID: Dup-2

Lab Sample Number: Date Collected: 10/26/07 0710055-17

Sample Type: Water

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>	Sample <u>Result</u>	
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

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

Approved by:

Project Name:DB OakDate Analyzed:10/30/07Project Location:Fort Atkinson, WisconsinConcentration:ug/LSample ID:Dup-2Dilution Factor:200Date Collected:10/26/07Lab Sample Number:0710055-17

Sample Type: Water

Compound	Reporting Detection <u>Limit</u>	Quantitation <u>Limit</u>	;	Sample <u>Result</u>
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:

94/2055	No. 018307 ★	Page / of 3	Turn Around (circle one) (Normal) Rush	Report Due:	" " "
140	CHAIN OF CUSTODY				
	al Chemistry	ervices, Inc.	Madison, WI 53718	FAX 608-221-4889	
	Environmental Chemistry	Consulting Servi	2525 Advance Road	Phone 608-221-8700	
		しくし			

	2525 Advance hoad	D Auvaince nodu		Madisoli, 441 337 1	74 4880				Report Due.		
Project Number 045/-003	30	77-000		Mail Report To.	1 "	Mark McColloch	((ء د لا		Invoice To:	Mark McCollock	Poch
				Company		11.			Company:	New F. elds	
TIL.	3	-		Address:	4	2110 Lunn	L~ 5te 1	101	Address:		
 ₽) 3				1	700	21/53 12	113			
Develo Czellner	ellne		1			-			P.O. No.:	Quote No.:	
	S	Collection		Total	í		Analysis			of the state of th	Laboratory
Sample Description	Date	Time	+	Bottles	Preserv	,	Kednested			Comments	
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MW-78		Shel		4							-07
MW.8		1040		R							-08
AW-84		0201		7							-09
58-MW		1020		8							0/-
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4-44	->	1400	→	d	→	→					-100
*Preservation Code	Relinquished By:	A See By	10	1	ì	Date/Time: / b / 26 / 0 T	(530	Received By:	H	LUMERA L	Date/Time:
D=HNO3 E=EnCore F=Methanol	Relinquished By:	ed By:	- 88-2			Date/Time:		Received By:	<i>!</i>		Date/Time:
G=NaOH O≃Other(Indicate) Custody Seal: Present/Absent	Intact/Not Intact		Seal #'s					Receipt Temp:	Onio	2	
l			- 1				-	Temp Blank Y			
						WHITE - REPORT COPY		YELLOW - LABORATORY COPY		PINK - SAMPLER/SUBMITTER	ITER

No. 018308 *	Turn Around (circle one) (Normal Rush Report Due:	Invoice To: Mark AcColloch	Company: Sure	Address:		P.O. No.: Quote No.:	Laboratory	7 74 4	110-5500110	7 - 4	7-15	9/-		1 -18	6/-	JE-1	16-)	- S.S.	Date/Time	1831 TODUNG 1830	Date/Time:	mi se	Y N TORY COPY PINK - SAMPLER/SUBMITTER
CHAIN OF CUSTODY	18	Hark Ac Colloch	New Felds	2110 turn in Ste 101	ازيء				VOCS 8260									->		10/26/17 530 (Ann	Date/Time: Received By:	Receipt Temp:	(T) PANTANANAN SANANAN IN WHITENFRORTGOPY YEHLAW, LARGERTORY COPY
Environmental Chemistry	2525 Advance Road Madison, WI 53718 Phone 608-221-8700 FAX 608-221-4889			138 WI	, , ,	Collner	Total	lime Matrix Bottles	10/15/07 1430 GW 2 HCI	10/16/07 0830 12 1	2 0080	0000	4	0930 2	630 3	C 5460	V & V 002)	>		Relinquished By Meller	Relinquished By:	Intact/Not Intact Seal #'s	(1) Entrutonom. Sharla
		Project Number: 0451- 60		n: F.,	(j.	Dende		Sample Description	MW-4A	AW-2	12 - 2A	Mw. 28	Du0-2	8-MW	AW- 3A	MW - 3B	AW - 3C	Trip Blank		Preservation Code A=None B=HCL C=H2SO4	D=HNO3 E=EnCore (F=Methanol	=Other(Indicate)	Shipped Via: Drop off

 \mathfrak{D}

0770055

Appendix D

City Well Construction Logs for Fort Atkinson

_			Q <i>UE WELL</i> PROJECT K				В	F999		State of Wi-Private W Department Of Natur Madison, WI 53707	al Resources, I	Box 7921 (Form 3300 Rev 02/02	?)bw
Propert	y FOF	RT ATKINSO	N, CITY OF			Tele Nun	phone	920 -563	3 – 7775	1. Well Location	1	Dept	th 1066	FT
	g 37 N	WATER ST				Null	ioci			T=Town C=City V C of FORT AT	KINSON		ire#	
City		ATKINSON			State V	/I Zip	Code	53	538	Street Address or Ro N WATER ST #3 V		Number		
County 28		ell Location FFERSON		Co Wel W	ll Permit No	W		mpletion Da July 17, 198		Subdivision Name		Lot#	Block #	
Well C	onstru T, AR			<u> </u>	License #	Facility 12801		ublic)		Gov't Lot or SE	1/4 of NE 1/4 Deg. 42	of Section 4 Min. 55		R 14 E 33.97
Addres	SS					Public	Well F	lan Approv	al#	Longitude	•	Min. 50		22.22
City			St	tate 2	Zip Code	Date 0 01/01/		roval		2. Well Type	,	e item 12 belov	() Lat/Lo 83	ng Method
Hicap 8007		nent Well#	Co	mmon \	Well#	Specifi 14.9	_	acity gpm/ft		1=New 2=Rep of previous unique			d in <u>1931</u>	_
3. Well			omes and or	at abum	ah sahaal is	<u></u>	1	High Capac Well?	ity:	Reason for replaced	or reconstructe	ed Well?		
M=Munio		M N=NonCom P=	Private Z=Other X	≖NonPot	A=Anode L=L	oop H=Dril	lhole	Property?		1 1=Drilled 2=Dri				
								mination sou vnspout/ Ya		ading those on neighbor		s? 'astewater Sumr		
Distance			? nearest: (inclu	ding pro	oposed)		0. Pri	-	io ily ululi	•		ived Animal Ba		
		. Landfill)hana			1	1. Fou	undation Dra	ain to Clea	rwater	19. A ı	nimal Yard or S	helter	
	3	. Building C 1=Sept	ic 2= Holding	Tank		1	2. Fou	undation Dra	ain to Sewe	er	20. Si	lo		
	_	-	bsorption Unit			1	3. Bu	ilding Drain		ic 2=Other	21. Ba	arn Gutter		
		. Nonconfor	•	-		1	4. Bu			vity 2=Pressure	22. M	anure Pipe 1= 1=Cast iron	=Gravity 2	
			me Heating O	il Tank	ς					Plastic 2=Other	23. O	ther manure Sto		Ouici
	7	. Buried Pet	roleum Tank			1	5. Co	llector Sewe	er: unit	ts in . diam.	24. D			
	8	. 1=Shor	eline 2= Swin	nming l	Pool	1	6. Cle	arwater Sur	np		25. O	ther NR 812 Wa	iste Source	
5. Drill	hole D Fro		d Construction	n Metho	od Drillhole	Lowe	er Ope	n Bedrock	Geology Codes	8. Type, Caving/No	Geology	r Hardness etc	From (ft.)	To (ft.)
Dia.(in.					d Circulation	ı		-	K I		nouving, colo	i, imianos, etc	0	5 🛋
20.0	c-	252	- 2. Rotar	•				-		GRAVEL @ SAND			5	30
20.0	surfac	e 252		•	and Foam - gh Casing H					CLAY			30	135
19.0	25	52 261	5. Reve	•	•					SAND @ GRAVEL			135	220
15.0	26	61 1066	6. Cable		•	dia in. d			G_ML			и	220	230
15.0		1000	7. Temp Rem	p. Outer loved?	casing	m. a	ıa	depth ft.		GRAVEL @ SAND			230	252
			Other							SANDSTONE FRAN	ICONIAN		252	345
6. Casi	ing Li		laterial, Weight				om	To		SANDSTONE EAU			345	440
<u>Dia. (</u> 1			ufacturer & Me	thod of	Assembly	(ft		(ft.)		SHALE EAU CLAIR			440	455
2	0.0	OD DRIVE	PIPE			surfa	ace	252		SANDSTONE EAU		· · · · · · · · · · · · · · · · · · ·	455	595
1	6.0	G W I PIPE	=				0	261		SANDSTONE MTS			595	965
										SANDSTONE MT			965	1025
1	2.0	LINER(198	37)				0	269		Water Level		11. Well Is:	0 in.	Grade
	1						- 1		0.0	feet B ground s			U 111.	A=Above
									10. Pum		B=Below	Developed?		B=Below
Dia	.(in.)	Screen	type, material &	& slot s	ize	Fro	m	To			. below surface	Disinfected?		
										ping at 1250.0 GP N				
7. Gro	ut or (Other Sealing	Material					#		you notify the owner over the country?	f the need to p	ermanently aba	ndon and fi	ll all
	lethod		-			From	То	Sacks	If no, ex					
		Kind of S	ealing Material	<u> </u>	······	(ft.)	(ft.)) Cement	13. Initia	ls of Well Constructor	or Supervisor	y Driller	Date Si	gned
		GRO	UT(1987)			surface	269	0.0	Initials -	of Drill Rig Operator (Mandatae: v=1	acc cama ca al -	va) Dec 6	amad
								T	minais 0	v rum vog Oberstot (vianuawiy ufil	Coo Saine as a00	ve, Date Si	Rued

	ISIN UNIQUE WELL I E: SWAP PROJECT			BG00	00	State of Wi-Priva Department Of N	Natural Resou		21		3300-77 <i>‡</i> 12/00)
Property F(ORT ATKINSON, CIT	Y OF Tel	lephone 920	- 563	7775	Madison, WI 5:			Dep	oth 103	30 FT
Owner Mailing 07	Z NINA TED OT	Nu	mber 920	_ 505 -	- 1113	C	T=Town C=		lage I	Fire#	
Address 37	7 N WATER ST	in.	- 1a. a .			0.	RT ATKINS				
City F	ORT ATKINSON	State WI	Zip Cod	^{le} 5353	38	Street Address of N WATER S		e and Num	ber		
	Well Location 1	Co Well Permit No W	1 " " " "	ompletion l		Subdivision Na	me	Lot#	T	Block #	
28	JEFFERSON			nuary 1, 1	1946	Gov't Lot	or	SW 1/4	4 of N	N 1/4	of
Well Cons LAYN	structor E CHRISTENSEN	License # 582	Facility ID (1280103			Section 3	T 5 N	r 14	E	.,	
Address	N5005 DUPLAIN\	·	Public Well	Plan Appr	roval#	Latitude I Longitude	Deg. 42 Deg 88	Min. 59 Min. 5		∞. 33.03 ec. 3.99	
City	Stat	e Zip Code	Date Of Ap			2. Well Type	1	1=Ne	ew		ng Method
PEWA Hican Pern		53072 mon Well #	10/24/19	45		2=Replacen 3=Reconstru	,	See item 12	! below)	83	· · · · · · · · · · · · · · · · · · ·
80072	COME	mon won "	197		gpm/ft	of previous uniqu	ue well #			0	
3. Well Serve			Ĭ	High Cap	pacity:	Reason for repl	laced or reco	nstructed W	Veli?		
es M=M	eg: barn, restau) Munic O=OTM N=NonCom P=P	rant, church, school, i	industry, etc.)	Well?		4 1 7 11					
X=N	IonPot A=Anode L=Loop H=Dr	rillhole		Property		1	d 2=Driven Po	_	4=Other		
	ell located upslope or sideslop ted in floodplain?	e and not downslope		amination so Downspout/				erties? 7. Wastewate	er Sumn		
Distance in	n feet from well to nearest	:(including proposed)		Privy	•			7. Wastewati 8. Paved Ani	•	Pen	
	1. Landfill		11.	Foundation	Drain to (Clearwater	19	9. Animal Y	ard or Shel	lter	
	 Building Overhang 1=Septic 2= Holdin 	g Tank	12.	Foundation	Drain to S	Sewer		0. Silo			
	4. Sewage Absorption Un	•	13.	Building D		ic 2=Other		 Barn Gutte Manure Pi 	_		• •
	5. Nonconforming Pit		14.	Building Se		ic 2=Other 1=Gravity 2=Press			:Cast iron o	-	2=Pressure 2=Other
6	6. Buried Home Heating (Oil Tank	16			Plastic 2=Other units in dian		Other mar			2 Outor
7	7. Buried Petroleum Tank	:	13.	Conector 5	sewer:	units in . diam	_	4. Ditch		_	
							2	5 Other NR	XI2 Waste	e Source	
	8. 1=Shoreline 2= Sw		16.	Clearwater	Sump		2	5. Other NR	. 812 Waste	e Source	
5. Drillhole	Dimensions and Constr	uction Method	······	-	Geology	8. Type Caving	Geolo	gy		Fr	om To
5. Drillhole	Point To Upper Enlarg (ft) (ft) -1. Rota	uction Method ed Drillhole ary - Mud Circulation	Lower Ope	-	Geology Codes			gy		Fr (f	om To t.) (ft.)
5. Drillhole Dia.(in.)	From To Upper Enlarg (ft) (ft) -1. Rota	uction Method ed Drillhole ary - Mud Circulation ary - Air	Lower Ope	-	Geology Codes	Type, Caving	Geolo	gy		Fr (f	t.) (ft.)
5. Drillhole Dia.(in.)	From To Upper Enlarg (ft) (ft) -1. Rota urface 15 -3. Rota -4. Dri	uction Method ed Drillhole ary - Mud Circulation	Lower Ope	-	Geology Codes FP	Type, Caving FILL	Geolo	gy		Fr (f	(ft.) (ft.)
5. Drillhole Dia.(in.)	Property Property	uction Method ed Drillhole ary - Mud Circulation ary - Air ary - Air and Foam Il-Through Casing Ha verse Rotary	Lower Ope	-	Geology CodesFP _AGC_	Type, Caving FILL GRAVEL	Geolo	gy		Fr (f	(ft.) (ft.) 0 12 2 68 8 212
5. Drillhole Dia.(in.) (48.0 su 26.0	Dimensions and Construction Cons	uction Method ed Drillhole ary - Mud Circulation ary - Air ary - Air and Foam	Lower Ope	n Bedrock	Geology CodesFP _AGC_	Type, Caving FILL GRAVEL CLAY	Geolo	gy		Fr. (f. 1	(ft.) (ft.) 0 12 2 68 8 212 2 235
5. Drillhole Dia.(in.) (48.0 su 26.0	Dimensions and Construction Cons	uction Method ed Drillhole ary - Mud Circulation ary - Air ary - Air and Foam Il-Through Casing Ha verse Rotary	Lower Ope	-	Geology Codes _FP _AG_ _C_ _PG	Type, Caving FILL GRAVEL CLAY HARDPAN	Geolo	gy		Fr (f 1 6 21	(ft.) (ft.) 0 12 2 68 8 212 2 235 5 268
5. Drillhole Dia.(in.) (48.0 su 26.0 15.0 2	Dimensions and Construction From To Upper Enlarge (ft) (ft) -1. Rota -2. Rota -3. Rota -4. Drii -5. Rev -6. Cat -7. Ten Rev Other	uction Method ed Drillhole nry - Mud Circulation nry - Air nry - Air and Foam ll-Through Casing Haverse Rotary ble-tool Bit in. np. Outer Casing moved ?	Lower Ope	n Bedrock depth ft.	Geology Codes _FP _AG_ _C_ _PG _AG_	Type, Caving FILL GRAVEL CLAY HARDPAN GRAVEL	Geolog	gy		Fr (f 1 6 21 23	ft.) (ft.) 0 12 2 68 8 212 2 235 5 268 8 277
5. Drillhole Dia.(in.) (48.0 su 26.0 15.0 2	Dimensions and Construction Prom To Upper Enlarge -1 Rota -2 Rota -3 Rota -4 Drii -5 Rev -6 Cat -7 Ten Rer Other Inter Screen Material, Weight	uction Method ed Drillhole nry - Mud Circulation nry - Air nry - Air and Foam ll-Through Casing Ha verse Rotary ble-tool Bit in. np. Outer Casing moved ?	Lower Ope	n Bedrock	Geology Codes _FP _AG_ _C_ _PG _AG_ _PG	Type, Caving FILL GRAVEL CLAY HARDPAN GRAVEL HARDPAN	Geology/Noncaving, of	gy		Fr (f 1 6 21 23 26	t.) (ft.) 0 12 2 68 .8 212 2 235 .5 268 .8 277 .7 320
5. Drillhole Dia.(in.) (48.0 su 26.0 15.0 2 6. Casing Li Dia. (in.)	Dimensions and Construction Prom To Upper Enlarge -1 Rota -2 Rota -3 Rota -4 Drii -5 Rev -6 Cat -7 Ten Rer Other Inter Screen Material, Weight	uction Method ed Drillhole nry - Mud Circulation nry - Air nry - Air and Foam ll-Through Casing Haverse Rotary ble-tool Bit in. np. Outer Casing moved ?	Lower Ope	n Bedrock depth ft.	Geology Codes _FP _AG_ _C _PG _AG_ _PG _PG _G_NL	Type, Caving FILL GRAVEL CLAY HARDPAN GRAVEL HARDPAN SANDSTONE	Geology/Noncaving, 6	gy		Fr (f 1 6 21 23 26 27	ft.) (ft.) 0 12 2 68 8 212 2 235 5 268 68 277 7 320 10 355
5. Drillhole Dia.(in.) (48.0 su 26.0 15.0 2	Dimensions and Construction Prom To Upper Enlarge -1 Rota -2 Rota -3 Rota -4 Drii -5 Rev -6 Cat -7 Ten Rer Other Inter Screen Material, Weight	uction Method ed Drillhole nry - Mud Circulation nry - Air nry - Air and Foam ll-Through Casing Ha verse Rotary ble-tool Bit in. np. Outer Casing moved ?	Lower Ope	n Bedrock	Geology Codes _FP _AGCPG _AGPG _AGPG _NIL I_N_	Type, Caving FILL GRAVEL CLAY HARDPAN GRAVEL HARDPAN SANDSTONE	Geology/Noncaving, 6	gy		11 66 21 23 26 27 32	t.) (ft.) 0 12 2 68 8 212 2 235 5 268 8 277 7 320 10 355 35 370
5. Drillhole Dia.(in.) (48.0 su 26.0 15.0 2 6. Casing Li Dia. (in.) 48.0	Dimensions and Construction Prom To Upper Enlarge -1 Rota -2 Rota -3 Rota -4 Drii -5 Rev -6 Cat -7 Ten Rer Other Inter Screen Material, Weight	uction Method ed Drillhole nry - Mud Circulation nry - Air nry - Air and Foam ll-Through Casing Ha verse Rotary ble-tool Bit in. np. Outer Casing moved ?	Lower Ope	n Bedrock depth ft. To (ft.)	Geology Codes _FP _AGCPG _AGPG _PG _INL _I_N_	Type, Caving FILL GRAVEL CLAY HARDPAN GRAVEL HARDPAN SANDSTONE SANDSTONE	Geology/Noncaving, of the property of the prop	gy		1 6 21 23 26 27 32 35	a.) (ft.) 0 12 2 68 8 212 2 235 5 268 8 277 7 320 90 355 35 370 70 375
5. Drillhole Dia.(in.) (48.0 su 26.0 15.0 2 6. Casing Li Dia. (in.)	Dimensions and Construction Prom To Upper Enlarge -1 Rota -2 Rota -3 Rota -4 Drii -5 Rev -6 Cat -7 Ten Rer Other Inter Screen Material, Weight	uction Method ed Drillhole nry - Mud Circulation nry - Air nry - Air and Foam ll-Through Casing Ha verse Rotary ble-tool Bit in. np. Outer Casing moved ?	Lower Ope	n Bedrock depth ft.	Geology Codes _FP _AGCPG _AGPG _G_NL _I_NHML _NNL _HML	Type, Caving FILL GRAVEL CLAY HARDPAN GRAVEL HARDPAN SANDSTONE SANDSTONE SANDSTONE SILTSTONE SHALE EC	Geology/Noncaving, of the property of the prop	gy		Fr (t) 1 6 21 23 26 27 32 35 37	(t) (ft.) 0 12 2 68 8 212 2 235 15 268 18 277 7 320 20 355 35 370 70 375 75 400
5. Drillhole Dia.(in.) (48.0 su 26.0 15.0 2 6. Casing Li Dia. (in.) 48.0	Dimensions and Construction Prom To Upper Enlarge -1 Rota -2 Rota -3 Rota -4 Drii -5 Rev -6 Cat -7 Ten Rer Other Inter Screen Material, Weight	uction Method ed Drillhole nry - Mud Circulation nry - Air nry - Air and Foam ll-Through Casing Ha verse Rotary ble-tool Bit in. np. Outer Casing moved ?	Lower Ope	n Bedrock depth ft. To (ft.)	Geology Codes _FP _AGCPG _AGPG _NL _N_ I_NHML _NNL _HM 9. Stati	Type, Caving FILL GRAVEL CLAY HARDPAN GRAVEL HARDPAN SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE	Geology/Noncaving, of the property of the prop	Color, Hardn		1 6 21 23 26 27 32 35 37	(t.) (ft.) 0 12 2 68 8 212 2 235 15 268 8 277 7 320 10 355 35 370 75 400
5. Drillhole Dia.(in.) (48.0 su 26.0 15.0 2 6. Casing Li Dia. (in.) 48.0	Dimensions and Construction Prom To Upper Enlarge -1 Rota -2 Rota -3 Rota -4 Drii -5 Rev -6 Cat -7 Ten Rer Other Inter Screen Material, Weight	uction Method ed Drillhole nry - Mud Circulation nry - Air nry - Air and Foam ll-Through Casing Ha verse Rotary ble-tool Bit in. np. Outer Casing moved ?	Lower Ope	n Bedrock depth ft. To (ft.)	Geology Codes _FP _AGCPG _AGPG _G_NL _I_NHML _NNL _HML	Type, Caving FILL GRAVEL CLAY HARDPAN GRAVEL HARDPAN SANDSTONE SANDSTONE SANDSTONE SILTSTONE SANDSTONE SHALE EC ic Water Level feet B	Geology/Noncaving, of the property of the prop	Color, Hardner	ess, etc	1 6 21 23 26 27 32 35 37 40	(a) (ft.) 0 12 2 68 8 212 2 235 55 268 68 277 77 320 65 370 75 400 90 455
5. Drillhole Dia.(in.) (48.0 su 26.0 15.0 2 6. Casing Li Dia. (in.) 48.0 16.0	Dimensions and Construction Prom To Upper Enlarge 1. Rota -2. Rota -3. Rota -4. Drii -5. Rev -6. Cat -7. Ten Rer Other	uction Method ed Drillhole nry - Mud Circulation nry - Air nry - Air and Foam ll-Through Casing Ha verse Rotary ble-tool Bit in. np. Outer Casing moved ? ht, Specification ethod of Assembly	Lower Ope	n Bedrock depth ft. To (ft.) 15 280	Geology Codes _FP _AGCPG _AGPG _NL _N_ I_NHML _NNL _HM 9. Stati 0.0	Type, Caving FILL GRAVEL CLAY HARDPAN GRAVEL HARDPAN SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE GRAVEL GRAVEL GRAVEL HARDPAN SANDSTONE SAND	Geology/Noncaving, of the property of the prop	Color, Hardner face ow Devel	ess, etc Well Is: O in. loped?	1 6 21 23 26 27 32 35 37 40	1.) (ft.) 0 12 2 68 8 212 2 235 15 268 18 277 17 320 10 355 15 370 17 375 17 400 10 455 16 Grade
5. Drillhole Dia.(in.) (48.0 su 26.0 15.0 2 6. Casing Li Dia. (in.) 48.0	Dimensions and Construction Prom To Upper Enlarge -1 Rota -2 Rota -3 Rota -4 Drii -5 Rev -6 Cat -7 Ten Rer Other Inter Screen Material, Weight	uction Method ed Drillhole nry - Mud Circulation nry - Air nry - Air and Foam ll-Through Casing Ha verse Rotary ble-tool Bit in. np. Outer Casing moved ? ht, Specification ethod of Assembly	Lower Ope	n Bedrock depth ft. To (ft.)	Geology Codes FP AG C PG AG PG AG IN IN IN HML NNL HM 9. State 0.0	Type, Caving FILL GRAVEL CLAY HARDPAN GRAVEL HARDPAN SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SHALE EC ic Water Level feet B	Geology/Noncaving, of the property of the prop	face ow Devel Disin	Well Is: O in. loped?	1 6 21 23 26 27 32 35 37 40	1.) (ft.) 0 12 2 68 8 212 2 235 15 268 18 277 17 320 10 355 15 370 17 375 17 400 10 455 16 Grade
5. Drillhole Dia.(in.) (48.0 su 26.0 15.0 2 6. Casing Li Dia. (in.) 48.0 16.0	e Dimensions and Construction From To Upper Enlarge (ft) (ft) -1. Rota -1. Rota -2. Rota -3. Rota -4. Drii -5. Rev -6. Cat -7. Ten Rer Other iner Screen Material, Weigh Manufacturer & M Screen type, material	uction Method ed Drillhole nry - Mud Circulation nry - Air nry - Air and Foam ll-Through Casing Ha verse Rotary ble-tool Bit in. np. Outer Casing moved ? ht, Specification ethod of Assembly	Lower Ope	n Bedrock depth ft. To (ft.) 15 280	Geology Codes FP AG_ C_ PG AG_ PG AG_ IN IN IN IN IN IN IN IN IN IN IN IN IN	Type, Caving FILL GRAVEL CLAY HARDPAN GRAVEL HARDPAN SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SHALE EC ic Water Level feet B up Test ping at 1200.GP	Geology/Noncaving, of the property of the prop	face ow Devel Disin Capp	Well Is: O in. loped? ufected?	1 6 21 23 26 27 32 35 37 40	1.) (ft.) 0 12 2 68 8 212 2 235 5 268 8 277 7 320 0 355 6 370 7 375 7 400 0 455 Grade we B=Belov
5. Drillhole Dia.(in.) (48.0 su 26.0 15.0 2 6. Casing Li Dia. (in.) 48.0 16.0 Dia.(in.)	e Dimensions and Construction From To Upper Enlarg (ft) (ft)1. Rota2. Rota3. Rota4. Dri5. Rev6. Cat7. Ten Rer Other iner Screen Material, Weigh Manufacturer & M Screen type, material	uction Method ed Drillhole nry - Mud Circulation nry - Air nry - Air and Foam ll-Through Casing Ha verse Rotary ble-tool Bit in. np. Outer Casing moved ? ht, Specification ethod of Assembly	Lower Ope	n Bedrock depth ft. To (ft.) 15 280	Geology Codes FP AG_ C_ PG AG_ PG AG_ IN IN IN IN IN IN IN IN IN IN IN IN IN	Type, Caving FILL GRAVEL CLAY HARDPAN GRAVEL HARDPAN SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SHALE EC ic Water Level feet B	Geology/Noncaving, of the need	face ow Devel Disin Capp	Well Is: O in. loped? ufected?	1 6 21 23 26 27 32 35 37 40	1.) (ft.) 0 12 2 68 8 212 2 235 5 268 8 277 7 320 0 355 6 370 7 375 7 400 0 455 Grade we B=Belov
5. Drillhole Dia.(in.) (48.0 su 26.0 15.0 2 6. Casing Li Dia. (in.) 48.0 16.0	e Dimensions and Construction From To Upper Enlarg (ft) (ft)1. Rota2. Rota3. Rota4. Dri5. Rev6. Cat7. Ten Rer Other iner Screen Material, Weigh Manufacturer & M Screen type, material	uction Method ed Drillhole rry - Mud Circulation rry - Air rry - Air and Foam Ill-Through Casing Ha verse Rotary ble-tool Bit in. np. Outer Casing moved ? ht, Specification ethod of Assembly	Lower Ope	n Bedrock depth ft. To (ft.) 15 280	Geology Codes FP AG C PG AG PG AG IN IN IN IN IN HM 9. Stati 0.0 -10. Pump Pump Pump 12. Did unused v	Type, Caving FILL GRAVEL CLAY HARDPAN GRAVEL HARDPAN SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SHALE EC ic Water Level feet B ing 1200,GP1 you notify the own wells on this proper	Geology/Noncaving, of the need	face ow Devel Disin Capp	Well Is: O in. loped? ufected?	1 6 21 23 26 27 32 35 37 40	1.) (ft.) 0 12 2 68 8 212 2 235 5 268 8 277 7 320 0 355 6 370 7 375 7 400 0 455 Grade we B=Belov
5. Drillhole Dia.(in.) (48.0 su 26.0 15.0 2 6. Casing Li Dia. (in.) 48.0 16.0 Dia.(in.)	e Dimensions and Construction From To Upper Enlarg (ft) (ft)1. Rota2. Rota3. Rota4. Dri5. Rev6. Cat7. Ten Rer Other iner Screen Material, Weigh Manufacturer & M Screen type, material d	uction Method ed Drillhole rry - Mud Circulation rry - Air rry - Air and Foam Ill-Through Casing Ha verse Rotary ble-tool Bit in. np. Outer Casing moved ? ht, Specification ethod of Assembly	Lower Ope	n Bedrock depth ft. To (ft.) 15 280	Geology Codes FP AG C PG AG AG PG AG IN IN IN HML HM 9. Stati 0.0 10. Pump Pump Pump Pump Pump I 2. Did unused v If no, er	Type, Caving FILL GRAVEL CLAY HARDPAN GRAVEL HARDPAN SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SHALE EC ic Water Level feet B ing 1200,GP1 you notify the own wells on this proper	Geology/Noncaving, of the property? FRANCO DRESB EC EC FRANCO DRESB EC FRANCO DRESB EC FRANCO TO THE PROPERTY OF THE PROPERTY	face ow Devel Coe Disin Cappel to permaner	Well Is: O in. loped? ifected? ed? ntly abando	1 6 21 23 26 27 32 35 37 40	1.) (ft.) 0 12 2 68 8 212 2 235 5 268 8 277 7 320 0 355 5 370 0 375 7 400 0 455 Grade we B=Below all
5. Drillhole Dia.(in.) (48.0 su 26.0 15.0 2 6. Casing Li Dia. (in.) 48.0 16.0 Dia.(in.)	e Dimensions and Construction From To Upper Enlarg (ft) (ft)1. Rota2. Rota3. Rota4. Dri5. Rev6. Cat7. Ten Rer Other iner Screen Material, Weigh Manufacturer & M Screen type, material d	uction Method ed Drillhole rry - Mud Circulation rry - Air rry - Air and Foam Ill-Through Casing Ha verse Rotary ble-tool Bit in. np. Outer Casing moved ? ht, Specification ethod of Assembly	Lower Ope	n Bedrock depth ft. To (ft.) 15 280	Geology Codes FP AG C PG AG AG PG AG IN IN IN HML HM 9. Stati 0.0 10. Pump Pump Pump Pump Pump I 2. Did unused v If no, er	Type, Caving FILL GRAVEL CLAY HARDPAN GRAVEL HARDPAN SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SANDSTONE SHALE EC ic Water Level feet B ing at 1200.GP) you notify the own wells on this proper xplain	Geology/Noncaving, of the property? FRANCO DRESB EC EC FRANCO DRESB EC FRANCO DRESB EC FRANCO TO THE PROPERTY OF THE PROPERTY	face ow Devel Coe Disin Cappel to permaner	Well Is: O in. loped? ifected? ed? ntly abando	1 6 21 23 26 27 32 35 37 40 . A=Abov	1.) (ft.) 0 12 2 68 8 212 2 235 5 268 8 277 7 320 0 355 5 370 0 375 7 400 0 455 Grade we B=Below all

Source	e: SWAP PR	JE WELL NUM OJECT KEYEI		I	3G001		State of Wi-Private V Department Of Natur Madison, WI 53707	ral Resources,	Box 7921	Form 3300 (Rev 02/02	
Property Owner FO	ORT ATKINSON,	CITY OF		Telepho Number	^{ne} 920 - 56	3 7775	1. Well Location		·	th 1030	FT
	7 N WATER ST						T=Town C=City V C of FORT ATI	KINSON		Fire#	
City FOR	T ATKINSON		State WI	Zip Co	de 53	3538	Street Address or Ro JONES PARK #5	ad Name and I	Number		
•	Well Location	Co Wel	l Permit No		Completion Da		Subdivision Name	-	Lot#	Block#	
28 J Well Const	EFFERSON truston		License #	Facility ID	January 1, 1	952	Gov't Lot or SE	1/4 of SE 1/4	A of Section A	T 5 N	D 44 E
-	CHRISTENSEN C	OMPANY	582	12801030	, ,		1	Deg. 42	4 of Section 4 Min. 55		7.43
Address W229 N50	005 DUPLAINVI			Public Wel	l Pian Approv	val#	Longitude	•	Min. 50		21.81
City			Zip Code	Date Of Ap	-		2. Well Type	1 (S	ee item 12 belov	,	ng Method
PEWAUK Hicap Pem	EE nanent Well#	WI Common \	53072 Vell #	01/01/195 Specific Ca			1=New 2=Rep	olacement 3=	Reconstruction	83	
80072		5		11.2	gpm/ft		of previous unique	well #	constructe	d in <u>O</u>	-
3. Well Ser	ves # of hom	es and or			High Capac	city:	Reason for replaced	or reconstruct	ted Well?		
M Makuria Ord	` •	rn, restaurant, churc vate Z=Other X=NonPot		• • • •	Well? Property?		1 1=Drilled 2=Dri	iven Point 2=I	etted 4-Other		
				·		urces, inclu	iding those on neighbo				
		arest: (including pro		9. D	ownspout/Ya		-	17. W	Vastewater Sump		
	1. Landfill			10. P	'rıvy Toundation Dr	ain to Clea	rwater		aved Animal Ba Inimal Yard or S		
	2. Building Ove	_			oundation Dr			20. Si		neiter	
	 1=Septic Sewage Absorption 	2= Holding Tank		13. E	Building Drain			21. B	arn Gutter		
	5. Nonconformi	-		14 F		on or Plasti er l≕Grav	ic 2=Other vity 2=Pressure	22. M		l=Gravity 2	
		Heating Oil Tank	:		1≕Ca	ast Iron or F	Plastic 2=Other	23. O	l=Cast iron Other manure Sto		=Other
	7. Buried Petrol	eum Tank		15. C	Collector Sew	er: unit	s in . diam.	24. D			
	8. 1=Shoreli	ne 2= Swimming l	Pool	16. 0	Clearwater Sur	mp		25. O	other NR 812 W	aste Source	
	Dimensions and Crom To	Construction Metho	d	Lower	en Bedrock	Geology	8.	Geology		From	70-
		Unner Enlarged 1	Drillhole	rower of	DCII DCIIOCK		Type, Caving/No	ncaving Colo	or Hardness etc		
	ft) (ft)	Upper Enlarged I 1. Rotary - Mud	Circulation			Codes Y_TL	Type, Caving/No	oncaving, Colo	or, Hardness, etc	(ft.)	(ft.)
34.0 surf		1. Rotary - Mud 2. Rotary - Air	Circulation			Codes Y_TL		ncaving, Colo	or, Hardness, etc	(ft.)	(ft.)
	face 40	1. Rotary - Mud 2. Rotary - Air 3. Rotary - Air a 4. Drill-Throug	Circulation and Foam th Casing Ha			Codes Y_TLG_ (TIL	oncaving, Colo	or, Hardness, etc	(ft.) 0	(ft.)
34.0 surf		1. Rotary - Mud 2. Rotary - Air 3. Rotary - Air a 4. Drill-Throug 5. Reverse Rot	Circulation and Foam th Casing Ha ary	mmer		Codes Y_TLG_ (TIL GRAVEL	oncaving, Colo	or, Hardness, etc	(ft.) 0 10	(ft.) 10 📤 60
28.0	face 40	1. Rotary - Mud 2. Rotary - Air 3. Rotary - Air a 4. Drill-Throug 5. Reverse Rot 6. Cable-tool B 7. Temp. Outer	Circulation and Foam ch Casing Ha ary it in. d			Codes Y_TLG_ (X_ (G_CT (TIL GRAVEL CLAY @ SAND	oncaving, Colo	or, Hardness, etc	(ft.) 0 10 60	(ft.) 10 📤 60 90
28.0	face 40 40 257	1. Rotary - Mud 2. Rotary - Air 3. Rotary - Air a 4. Drill-Throug 5. Reverse Rot 6. Cable-tool B 7. Temp. Outer Removed?	Circulation and Foam ch Casing Ha ary it in. d	mmer		Codes Y_TLG_ (X_ (G_CT (Y_ (TIL GRAVEL CLAY @ SAND CLAY @ TILL	oncaving, Colo	or, Hardness, etc	(ft.) 0 10 60 90	(ft.) 10 ▲ 60 90 220
28.0	face 40 40 257 257 1030	1. Rotary - Mud 2. Rotary - Air 3. Rotary - Air a 4. Drill-Throug 5. Reverse Rot 6. Cable-tool B 7. Temp. Outer Removed?	and Foam th Casing Haary it in. d Casing	mmer liain. dia	depth ft.	Codes Y_TL _G (_X (G_CT (_Y (_NL (_) _NL (_	TIL GRAVEL CLAY @ SAND CLAY @ TILL SAND @ GRAVEL	oncaving, Colo	or, Hardness, etc	(ft.) 0 10 60 90 220	(ft.) 10 4 60 90 220 260
28.0 16.0	face 40 40 257 257 1030 Liner Screen Mate	1. Rotary - Mud 2. Rotary - Air 3. Rotary - Air a 4. Drill-Throug 5. Reverse Rot 6. Cable-tool B 7. Temp. Outer Removed?	and Foam — th Casing Ha arry it in. d Casing	mmer		Codes Y_TLG(X(G_CT_(Y)NL_(I_NL_(TIL GRAVEL CLAY @ SAND CLAY @ TILL SAND @ GRAVEL SANDSTONE FRAN	ICONIAN	or, Hardness, etc	(ft.) 0 10 60 90 220 260	(ft.) 10 60 90 220 260 310
28.0	face 40 40 257 257 1030 Liner Screen Mate	1. Rotary - Mud 2. Rotary - Air 3. Rotary - Air a 4. Drill-Throug 5. Reverse Rot 6. Cable-tool B 7. Temp. Outer Removed? Other	and Foam — th Casing Ha arry it in. d Casing	mmer lia in. dia	depth ft.	Codes Y_TL _G_ (_X_ (G_CT (_Y_ (_NL (_NNL (TIL GRAVEL CLAY @ SAND CLAY @ TILL SAND @ GRAVEL SANDSTONE FRAN SANDSTONE DRES	ICONIAN	or, Hardness, etc	(ft.) 0 10 60 90 220 260 310	(ft.) 10
28.0 16.0 6. Casing I Dia. (in.) 18.0	face 40 40 257 257 1030 Liner Screen Mate	1. Rotary - Mud 2. Rotary - Air 3. Rotary - Air a 4. Drill-Throug 5. Reverse Rot 6. Cable-tool B 7. Temp. Outer Removed? Other	and Foam — th Casing Ha arry it in. d Casing	mmer liain. dia From (ft.) surface	To (ft.)	Codes Y_TL _G_ (_X_ (G_CT (_Y_ (_NL (_NNL (E_HL (TIL GRAVEL CLAY @ SAND CLAY @ TILL SAND @ GRAVEL SANDSTONE FRAN SANDSTONE DRES	ICONIAN	or, Hardness, etc	(ft.) 0 10 60 90 220 260 310 365	(ft.) 10
28.0 16.0 2 6. Casing I Dia. (in.)	face 40 40 257 257 1030 Liner Screen Mate	1. Rotary - Mud 2. Rotary - Air 3. Rotary - Air a 4. Drill-Throug 5. Reverse Rot 6. Cable-tool B 7. Temp. Outer Removed? Other	and Foam — th Casing Ha arry it in. d Casing	mmer lia in. dia From (ft.)	depth ft.	Codes Y_TL _G_ (_X_ (G_CT (_Y_ (I_NL (NNL (NNL (NNL (I_NL	TIL GRAVEL CLAY @ SAND CLAY @ TILL SAND @ GRAVEL SANDSTONE FRAN SANDSTONE DRES SANDSTONE EAU (SHALE EC SANDSTONE EC DOLOMITE EC	ICONIAN	or, Hardness, etc	(ft.) 0 10 60 90 220 260 310 365 435 445	(ft.) 10
28.0 16.0 6. Casing I Dia. (in.) 18.0	face 40 40 257 257 1030 Liner Screen Mate	1. Rotary - Mud 2. Rotary - Air 3. Rotary - Air a 4. Drill-Throug 5. Reverse Rot 6. Cable-tool B 7. Temp. Outer Removed? Other	and Foam — th Casing Ha arry it in. d Casing	mmer liain. dia From (ft.) surface	To (ft.)	Codes Y_TL _G_ (_X_ (G_CT (_Y_ (I_NL (NNL (NNL (NNL (I_NL	TIL GRAVEL CLAY @ SAND CLAY @ TILL SAND @ GRAVEL SANDSTONE FRAN SANDSTONE DRES SANDSTONE EAU (SHALE EC SANDSTONE EC DOLOMITE EC SANDSTONE EC	ICONIAN		(ft.) 0 10 60 90 220 260 310 365 435 445 450 460	(ft.) 10
28.0 16.0 6. Casing I Dia. (in.) 18.0	face 40 40 257 257 1030 Liner Screen Mate	1. Rotary - Mud 2. Rotary - Air 3. Rotary - Air a 4. Drill-Throug 5. Reverse Rot 6. Cable-tool B 7. Temp. Outer Removed? Other	and Foam — th Casing Ha arry it in. d Casing	mmer liain. dia From (ft.) surface	To (ft.)	Codes Y_TL _G_ (_X_ (G_CT (_Y_ (_NL (NNL (NNL (NNL (NNL (NNL (NNL (NNL (NNL (NNL (NNL (NNL (NNL (NNL (NNL (NNL (N) (N) (N) (N) (N) (N) (N) (N)	TIL GRAVEL CLAY @ SAND CLAY @ TILL SAND @ GRAVEL SANDSTONE FRAN SANDSTONE DRES SANDSTONE EAU (SHALE EC SANDSTONE EC DOLOMITE EC	ICONIAN BBACH CLAIRE	or, Hardness, etc	(ft.) 0 10 60 90 220 260 310 365 435 445	(ft.) 10
28.0 16.0 6. Casing I Dia. (in.) 18.0	face 40 40 257 257 1030 Liner Screen Mate	1. Rotary - Mud 2. Rotary - Air 3. Rotary - Air a 4. Drill-Throug 5. Reverse Rot 6. Cable-tool B 7. Temp. Outer Removed? Other	and Foam — th Casing Ha arry it in. d Casing	mmer liain. dia From (ft.) surface	To (ft.)	Codes Y_TL G_ (X_ (G_CT (Y_ (NL (NNL (TIL GRAVEL CLAY @ SAND CLAY @ TILL SAND @ GRAVEL SANDSTONE FRAN SANDSTONE DRES SANDSTONE EAU (SHALE EC SANDSTONE EC DOLOMITE EC SANDSTONE EC Water Level feet B ground st A=Above	ICONIAN BBACH CLAIRE		(ft.) 0 10 60 90 220 260 310 365 435 445 450 460	(ft.) 10
28.0 16.0 6. Casing I Dia. (in.) 18.0	face 40 40 257 257 1030 Liner Screen Mate Manufa	1. Rotary - Mud 2. Rotary - Air 3. Rotary - Air a 4. Drill-Throug 5. Reverse Rot 6. Cable-tool B 7. Temp. Outer Removed? Other	and Foam — th Casing Ha ary it in. d Casing	mmer liain. dia From (ft.) surface	To (ft.)	Codes Y_TL _G_ (_X_ (G_CT (_Y_ (_NL (_NNL (_	TIL GRAVEL CLAY @ SAND CLAY @ TILL SAND @ GRAVEL SANDSTONE FRAN SANDSTONE DRES SANDSTONE EAU (SHALE EC SANDSTONE EC DOLOMITE EC SANDSTONE EC Water Level feet B ground s A=Above	ICONIAN BBACH CLAIRE	11. Well Is: Developed?	(ft.) 0 10 60 90 220 260 310 365 435 445 450 460	(ft.) 10
28.0 16.0 6. Casing I Dia. (in.) 18.0 16.0	face 40 40 257 257 1030 Liner Screen Mate Manufa	1. Rotary - Mud 2. Rotary - Air 3. Rotary - Air a 4. Drill-Throug 5. Reverse Rot 6. Cable-tool B 7. Temp. Outer Removed? Other erial, Weight, Specificturer & Method of	and Foam — th Casing Ha ary it in. d Casing	From (ft.) surface	To (ft.) 257 265	Codes Y_TL _G_ (_X_ (G_CT (_Y_ (NNL (N) (NNL (N) (NNL (N) (N) (NNL (N) (N) (N) (N) (N) (N) (N) (N)	TIL GRAVEL CLAY @ SAND CLAY @ TILL SAND @ GRAVEL SANDSTONE FRAN SANDSTONE DRES SANDSTONE EAU O SHALE EC SANDSTONE EC DOLOMITE EC SANDSTONE EC Water Level feet B ground so A=Above Test ing at 1200.0 GP M	ICONIAN BBACH CLAIRE urface B=Below below surface [12.0 Hrs	Developed? Disinfected? Capped?	(ft.) 0 10 60 90 220 260 310 365 435 445 450 0 in.	(ft.) 10
28.0 16.0 6. Casing I Dia. (in.) 18.0 Dia.(in.)	face 40 40 257 257 1030 Liner Screen Mate Manufa	1. Rotary - Mud 2. Rotary - Air 3. Rotary - Air a 4. Drill-Throug 5. Reverse Rot 6. Cable-tool B 7. Temp. Outer Removed? Other erial, Weight, Specificturer & Method of	and Foam — th Casing Ha ary it in. d Casing	From (ft.) surface	To (ft.) 257 265	Codes Y_TL G_ (X_ (G_CT (Y_ (NL (NNL (NNL (NNL (NNL (NNL (NNL (NNL (Nn_ (TIL GRAVEL CLAY @ SAND CLAY @ TILL SAND @ GRAVEL SANDSTONE FRAN SANDSTONE DRES SANDSTONE EAU (SHALE EC SANDSTONE EC DOLOMITE EC SANDSTONE EC Water Level feet B ground st A=Above Test ag level 107.0 ft. ing at 1200.0 GP M Tou notify the owner of	ICONIAN BBACH CLAIRE urface B=Below below surface [12.0 Hrs	Developed? Disinfected? Capped?	(ft.) 0 10 60 90 220 260 310 365 435 445 450 0 in.	(ft.) 10
28.0 16.0 6. Casing I Dia. (in.) 18.0 Dia.(in.)	face 40 40 257 257 1030 Liner Screen Mate Manufa Screen typ Control of the Sealing Manufa	1. Rotary - Mud 2. Rotary - Air 3. Rotary - Air a 4. Drill-Throug 5. Reverse Rot 6. Cable-tool B 7. Temp. Outer Removed? Other erial, Weight, Specificturer & Method of	circulation and Foam — th Casing Ha ary it in. d Casing	From (ft.) From	To (ft.) 257 265 To #	Codes Y_TL _G_ (_X_ (G_CT (_Y_ (NNL (N) (NNL (NNL (NNL (N) (NNL (N) (NNL (N) (NNL (N) (NNL (N) (N) (NNL (N) (N) (NNL (N) (N) (N) (NNL (N) (N) (N) (N) (N) (N) (N) (N)	TIL GRAVEL CLAY @ SAND CLAY @ TILL SAND @ GRAVEL SANDSTONE FRAN SANDSTONE DRES SANDSTONE EAU (SHALE EC SANDSTONE EC DOLOMITE EC SANDSTONE EC Water Level feet B ground st A=Above Test ag level 107.0 ft. ing at 1200.0 GP M Tou notify the owner of ells on this property?	ICONIAN BBACH CLAIRE urface B=Below below surface [12.0 Hrs	Developed? Disinfected? Capped?	(ft.) 0 10 60 90 220 260 310 365 435 445 450 0 in.	(ft.) 10
28.0 16.0 6. Casing I Dia. (in.) 18.0 16.0 Dia.(in.)	face 40 40 257 257 1030 Liner Screen Mate Manufa Screen type of Other Sealing Mod Kind of Sealing	1. Rotary - Mud 2. Rotary - Air 3. Rotary - Air a 4. Drill-Throug 5. Reverse Rot 6. Cable-tool B 7. Temp. Outer Removed? Other erial, Weight, Specificturer & Method of	Circulation and Foam — th Casing Ha ary it in. d Casing — ication Assembly	From (ft.) From (ft.)	depth ft. To (ft.) 257 265 To Sacks A.) Cement	Codes Y_TL G_G X_G G_CT Y_S NL NNL NNL S E_HL S O_LM N S G_LM O 10. Pump Pumpin Pumpin Pumpin Pumpin Pumpin Pumpin Pumpin Pump 12. Did y unused w If no, ex	TIL GRAVEL CLAY @ SAND CLAY @ TILL SAND @ GRAVEL SANDSTONE FRAN SANDSTONE DRES SANDSTONE EAU (SHALE EC SANDSTONE EC DOLOMITE EC SANDSTONE EC Water Level feet B ground st A=Above Test ag level 107.0 ft. ing at 1200.0 GP M Tou notify the owner of ells on this property?	urface B=Below below surface [12.0 Hrs	Developed? Disinfected? Capped? Dermanently aba	(ft.) 0 10 60 90 220 260 310 365 435 445 450 0 in.	(ft.) 10
28.0 16.0 6. Casing I Dia. (in.) 18.0 16.0 Dia.(in.)	face 40 40 257 257 1030 Liner Screen Mate Manufa Screen typ Tother Sealing Mod	1. Rotary - Mud 2. Rotary - Air 3. Rotary - Air a 4. Drill-Throug 5. Reverse Rot 6. Cable-tool B 7. Temp. Outer Removed? Other erial, Weight, Specificturer & Method of	Circulation and Foam — th Casing Ha ary it in. d Casing — ication Assembly	From (ft.) From (ft.)	To (ft.) 257 265 To #	Codes Y_TL _G_ (_X_ (G_CT (_Y_ (NNL (N) (NNL (NNL (N) (NNL (N) (NNL (N) (N) (NNL (N) (N) (NNL (N) (N) (N) (N) (N) (N) (N) (N)	TIL GRAVEL CLAY @ SAND CLAY @ TILL SAND @ GRAVEL SANDSTONE FRAN SANDSTONE DRES SANDSTONE EAU O SHALE EC SANDSTONE EC DOLOMITE EC SANDSTONE EC Water Level feet B ground so A=Above Test ng level 107.0 ft. ing at 1200.0 GP M ou notify the owner of ells on this property? plain	urface B=Below below surface [12.0 Hrs f the need to p	Developed? Disinfected? Capped? ermanently aba	(ft.) 0 10 60 90 220 260 310 365 435 445 450 460 0 in.	(ft.) 10

				ELL NUM		_	В	G002		State of Wi-Private V Department Of Natur Madison, WI 53707	ral Resources,		Form 330 (Rev 02/0	
Proper	ty FOR	T ATKINS				Tele	phone	920 =563	3=7775	1. Well Location	<u></u>	Dep	th 1015	FT
	^{1g} 37 N	WATER S				Nun	noer			T=Town C=City \ C of FORT AT			Fire#	
City		ATKINSON			State W	Zig	Code	53	538	Street Address or Ro CLOUTE HILL #6	ad Name and	Number		
Count	y of We	Il Location			ll Permit No	- w	ell Co	mpletion Da	ite	Subdivision Name		Lot#	Block#	
28	-	FERSON		w				nuary 1, 19	958	Gov't Lot Or				
	Construction	tor RISTENSEI	N COMPA	NY	License # 582	Facility 12801		ublic)		Gov't Lot or SE				
Addre	ss			 	<u></u>	Public	Well I	lan Approv	al#	Latitude Longitude	Deg. 42 Deg 88	Min. 56 Min. 50	Sec. Sec.	9.78 55.40
W229 City	N5005	DUPLAIN	VI	State	Zip Code	Date O	f App	mval		2. Well Type		ee item 12 belo	—	ong Method
•	AUKEE	!		WI	53072	04/29/		Ovar		1=New 2=Re	• `		" l 83	-
Hicap 8007		ent Well#		Common '	Well#	Specifi	-	·		of previous unique				
						97		gpm/ft		Reason for replaced			-	
3. Well	l Serve: Mi		omes and r: barn, res	or taurant, chur	ch. school. in	dustry.	etc.)	High Capac Well?	city:					
			•	Other X=NonPot			1	Property?		1 1=Drilled 2=Dr	iven Point 3=J	etted 4=Other		
										uding those on neighb			-	
Well Distanc	located e in feet	in floodplai from well to	n? o nearest: ((including pro	oposed)		. Dov 0. Pri	vnspout/Ya vv	rd Hydrant	ŧ		Vastewater Sum aved Animal Ba	•	
		Landfill						undation Dra	ain to Clear	rwater		aved Amiliai Da Animal Yard or S		
		Building (_			1	2. Fo	undation Dra	ain to Sewe	er	20. S			
	3. 1	1=Sep Sewage A		olding Tank		1	3. Bu	ilding Drain			21. E	Barn Gutter		
		Nonconfo	_			1	4. Bu			ic 2=Other vity 2=Pressure	22. N		l=Gravity 2	
			•	ing Oil Tanl	c			-		Plastic 2=Other	23. C	1=Cast iron Other manure Sto		=Other
		Buried Pe		_		1	5. Co	llector Sewe	er: unit	ts in . diam.	24. I	Ditch		
	8.	1=Sho	reline 2=	Swimming	Pool	1	6. Cle	arwater Sur	mp		25. C	Other NR 812 W	aste Source	;
5. Drill			nd Constr	uction Metho per Enlarged	od Drillhola	Lowe	er Ope	n Bedrock	Geology	8. Type, Caving/No	Geology	or Unrelnace at	Fron	
Dia.(in	Froi	n To (ft)	1.	Rotary - Mu	i Circulation			-	Codes G_SM		oncaving, Con	or, mardness, eu	(ft.) 0	(ft.) 15 ▲
48.0	surface	15		Rotary - Air						GRAVEL		**	15	130
-10.0	Surface	, 13		Rotary - Air Drill-Throu						SAND @ GRAVEL			130	155
32.0	1:	5 40		Reverse Ro	•	 .		i		CLAY @ GRAVEL		 -	155	280
28.0	4	0 322		Cable-tool B Temp. Outer	•	dia in. d		depth ft.		TIL @ GRAVEL	 		280	320
	20		1	Removed?					G_CL (320	325
15.3	32:	10.0	<u> </u>	her			-		P_NL	SANDSTONE FRAM	100		325	370
				Veight, Specia & Method of		Fn (ft	om)	To (ft.)	G_N_	SANDSTONE GALE	SV		370	410
_ Dia. (18.0		nulacturer	& Mediod of	Assembly	surfa		322	NL	SANDSTONE EC			4,10	475
						Suite		· ·	_HM_	SILTSTONE EC			475	515
•	16.0					3	10	367	G_N_	SANDSTONE EC			515	625
									N	SANDSTONE MT	SIMON		625	1015 🕶
	l					1				Water Level		11. Well Is:	0 in.	Grade
						1			91.0		surface B=Below	J119		A=Above B=Below
		Caman	tuma mat	erial & slot s		 	_	To	10. Pump		. below surfac	Developed? e Disinfected?		D=Below
Dia	a.(in.)	Screen	і туре, шас	citat & Siot S	IZÇ	From	™	10	-	oing at 1170.0 GP N				
										you notify the owner of			indon and f	ill all
		ther Sealin	g Materia			From	То	# Sacks	unused w	ells on this property?	•	•		
V	Method	Kind of 9	Sealing Ma	nterial		(ft.)	(ft.)		If no, ex	kplain Is of Well Constructor	or Supervisor	v Driller	Date S	igned
			EMENT			surface	322	.0			pot 1501			
				***					Initials o	of Drill Rig Operator (Mandatory un	less same as abo	ove) Date S	igned

WISCONSIN UNIQUE WELL NUMBER Source: SWAP PROJECT KEYED BG003							State of Wi-Private Wat Department Of Natural Madison, WI 53707			Form 3300 (Rev 02/0	
						-7775 1. Well Location Dep				th 985	FT
Mailing 37 N WATER ST Address							T=Town C=City V=\ C of FORT ATKIN			Fire#	
City FORT ATKINSON State W				Zip Code	53	538	Street Address or Road JAMESWAY ST #7	Name and l	Number		<u>-</u> ·
County of Well Location Co Well Permit No				Well Completion Date			Subdivision Name		Lot#	Block#	
28 JEFFERSON W					May 25, 196	67	Gov't Lot Or SE 1/4	- C SE 1/	1 . 6 0		n 44 5
Well Const	tructor ER WELL @ PUMP CO INC	# Facil 1280	1119 ID (1 010300	Public)		Gov't Lot or SE 1/4		of Section 4 Min. 55		;R 14 E 7.43	
Address 20950 ENTERPRISE AVE				ic Well I 768	Plan Approv	al#	Longitude De	-	Min. 50		7.43 21.81
City State Zip Code				Of App	roval		2. Well Type	1 (Se	e item 12 belov	v) Lat/Lo	ong Method
BROOKFIELD WI 53045 Hicap Permanent Well # Common Well #				4/1966	•		1=New 2=Replace	ement 3=	Reconstruction	83	
Hicap Permanent Well # Common Well # 80075 7			127	ific Cap	gpm/ft		of previous unique wel	11#	constructe	d in <u>0</u>	_
3. Well Serves # of homes and or				High Capacity			Reason for replaced or reconstructed Well?				
M (eg: barn, restaurant, church, school, in				- 1 I							
	OTM N=NonCom P=Private Z=Other X									<u>-</u> .	
4. Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties? Well located in floodplain? 9. Downspout/ Yard Hydrant 17. Wastewater Sump Distance in feet from well to nearest: (including proposed)											
Distance in feet from well to nearest: (including proposed) 1. Landfill				10. Pri	vy		18. Paved Animal Barn Pen				
2. Building Overhang					undation Dra				nimal Yard or S	helter	
3. 1=Septic 2= Holding Tank					undation Dra ilding Drain		er	20. Si			
4. Sewage Absorption Unit					1=Cast In	on or Plasti	ic 2=Other		arn Gutter Ianure Pipe	l=Gravity 2	=Pressure
•	5. Nonconforming Pit		14. Bu	_		vity 2=Pressure Plastic 2=Other		1=Cast iron	or Plastic2		
	 Buried Home Heating O Buried Petroleum Tank 		15. Co			is in . diam.	23. O 24. D	ther manure Sto itch	nage		
	8. 1=Shoreline 2= Swin	oming Pool		16. Cle	earwater Sur	np			ther NR 812 W	aste Source	
5. Drillhole	Dimensions and Construction		T a.		n Dadmak	Geology	8.	Geology	······································	From	то То
From To Upper Enlarged Drillhole Dia.(in.) (ft) (ft) -1. Rotary - Mud Circulation				Lower Open Dedices			Type, Caving/Nonc	aving, Čolo	r, Hardness, etc	(/	(ft.)
-2. Rotary - Air					-		SAND @ GRAVEL			225	225 📤
30.0 surface 100 3. Rotary - Air and Foam							DOLOMITE TREMP				265
26.0 100 235 - 5. Reverse Rotary							SHALE FRANCO 265 280 SANDSTONE FRANCO 280 320				
25.0	- 6. Cable-tool Bit in 6				 depth ft.		SANDSTONE IRONTON				375
	Rem	oved?	111.	dia	асриги.	\vdash	SANDSTONE GALES			320 375	450
17.0 344 935 Other											470
6. Casing I Dia. (in.)	Liner Screen Material, Weight Manufacturer & Me		From To (ft.)			SHALE EC 470				475	
30.0	STEEL	AHOU OF FRIDONION		rface	100	G_L_	DOLOMITE EC			475	500
						N_	SANDSTONE MT SIM	ON		500	850
26.0 STEEL				0	235	A_	CONGLOMERATE MT SIM ON 850 915				
18.0	STEL	STEL		0	344		SANDSTONE MT SIM	ON		915	985 🕶
						9. Static	Water Level feet B ground surf	ace	11. Well Is:	0 in.	Grade
				ļ		10. Pump	A=Above B=		Developed?		A=Above B=Below
Dia.(in.)	Dia.(in.) Screen type, material & slot size		F	From To				low surface	Disinfected?		
							Pumping at 1268.0 GP M 24.0 Hrs Capped?				
7. Grout or Other Sealing Material # unused wells on this property?										ndon and fi	ll all
Metho	-		From To Sacks			plain	· .				
Kind of Sealing Material			(ft.)	(ft.)		13. Initial	s of Well Constructor or	Supervisor	y Driller	Date Si	gned
CEMENT				e 344	0.0	Initials o	f Drill Rig Operator (Ma	ndatory unl	ess same as aho	ve) Dota C:	oned
				1	1		1-9 oberator (1410			· +, Date St	Paren .