SITE INVESTIGATION REPORT

FORMER DEERING PROPERTY
120 NORTH MAIN STREET
SEYMOUR, WISCONSIN

BRRTS ID #03-45-217425
PECFA CLAIM #54165-1308-20

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1.0 EXECUTIVE SUMMARY

Northern Environmental Technologies, Incorporated (Northern Environmental) was retained on January 5, 2001, to perform a site investigation at the former Deering Property, 120 North Main Street, Seymour, Wisconsin (the Site). The purpose of the investigation was to determine the magnitude and extent of a petroleum release associated with the former underground storage tanks (USTs) at the Site. Thirty-one soil borings were advanced to define the vertical and lateral extents of the identified release. Ten of the borings were completed as ground-water monitoring wells and five of the borings were completed as a piezometers to determine the extent of ground water impacted by the release.

The results of the site investigation indicate the extent of the petroleum release has been adequately characterized and defined. Petroleum contaminated soil was identified on-site near the former USTs and dispenser islands. Petroleum impacted ground water was identified on-site and was found to have migrated off-site to the north and northwest.

As part of the site investigation the following Chapter NR 746, Wisconsin Administrative Code (Wis. Adm. Code) Risk Screening criteria were identified at the Site:

1. Presence of petroleum compounds at concentrations in excess of Table 1 screening values.

2. Presence of petroleum compounds in the upper 4 feet of soil in excess of Table 2 screening values.

3. Presence of enforcement standard (ES) exceedances within 1000 feet of a municipal water supply well.

4. Potential contamination discharge to a surface water.

Based on the results of the site investigation, it appears that remedial action is necessary to address soil and ground water impacted by the petroleum release.

2.0 INTRODUCTION AND BACKGROUND

2.1 Site Location

Northern Environmental Technologies, Incorporated (Northern Environmental) has completed a site investigation for a petroleum release identified at the former Deering Property, 120 North Main Street, Seymour, Wisconsin (the Site). The Site is located in the northwest quarter of the northwest quarter of Section 33, Township 24 North, Range 18 East (44 degrees, 30 minutes, 48 seconds north latitude; 88 degrees, 19 minutes, 49 seconds west longitude) in the city of Seymour, Outagamie County, Wisconsin. The Site location is shown in Figure 1 (USGS, 1992).

2.2 Background

The Site was formerly a service garage and gas station owned by Doris Deering. During 1998, Northern Environmental completed a limited Phase II Environmental Site Assessment (ESA) at the Site. Laboratory analytical results of soil samples collected during the Phase II ESA detected petroleum constituents above Wisconsin Department of Natural Resources (WDNR) standards. Based on the results of the Phase II ESA, a petroleum release was reported to the WDNR. The WDNR assigned a Bureau of Remediation and Redevelopment Tracking System (BRRTS) case number (BRRTS ID #03-45-217425) to the Site and requested a site investigation be performed to determine the extent of petroleum contamination.

During the fall of 2000, the City of Seymour was awarded a Site Assessment Grant from the WDNR to proceed with the cleanup of the Site. Through the grant proceeds, the site building and canopy were razed and six underground storage tanks (USTs), associated piping, and two hydraulic hoists were removed. The USTs removed from the Site consisted of one 6,000-gallon leaded gasoline UST, one 6,000-gallon and one 8,000-gallon unleaded gasoline UST, one 1,000-gallon fuel oil UST, one 500-gallon waste oil UST, and one 200-gallon kerosene UST.

Following removal of the USTs, product piping, and hydraulic hoists, Northern Environmental personnel collected soil samples to characterize the petroleum constituents at the Site and to further evaluate the extent of the contamination. Twenty-three soil samples were collected as part of the UST closure assessment and assessment of the hydraulic hoists. Based on the field screening results, both soil and ground water were found to be impacted at the Site. Laboratory analysis detected petroleum constituents in the soil at concentrations in excess of residual cleanup standards (RCLs). Based on the soil sampling results, Northern Environmental recommended the installation of soil borings and monitoring wells to further evaluate the extent of the petroleum release. The results of our findings were summarized in Northern Environmental's, *Underground Storage Tank Closure Assessment and Assessment of Hydraulic Hoists* report, dated March 23, 2001. The soil field screening and laboratory analytical results are summarized in Tables 1 and 2. The Site layout is shown on Figure 2. The soil sample locations are shown in Figure 3.

During the demolition activities and removal of the USTs, the concrete and asphalt surfaces were removed. The Site currently consists of a vacant lot with sand and gravel at the surface. For the purpose of a one day event, the surface area of the Site was covered with landscape fabric and wood chips.

Once the remedial activities are complete, the city of Seymour would like to use the property as a city park. The property would be an addition to Nagel Park, which is located east of the Site adjacent to the Seymour Community Museum.

During April 2001 the city of Seymour acquired the property through tax delinquency, and subsequently authorized Northern Environmental to proceed with the site investigation. A site investigation workplan was submitted to the WDNR on May 1, 2001, detailing the proposed investigation (Northern Environmental, 2001). Included in the workplan were the results of site scoping, required by s. NR 716.07 Wisconsin Administrative Code (Wis. Adm. Code), to verify that the scope of the investigation was appropriate for the complexity of the Site.

This report presents and interprets the results of the site investigation. The investigation was designed to fulfill the WDNR and Wisconsin Department of Commerce (WDCOMM) requirements and to determine the magnitude and extent of released petroleum. A list of project contacts is included as Appendix A.

3.0 METHODS OF INVESTIGATION

3.1 Summary of Investigative Activities

May 1 and 2, 2001	Northern Environmental oversees installation of seventeen soil borings (B100 through B1700), and five monitoring wells (MW100, MW200, MW300, MW400, and MW1700). Drilling performed by Environmental Drilling Services (EDS). Monitoring wells are screened from 4 to 14 feet below grade (fbg). Soil samples are submitted for analysis of gasoline range organics (GRO), lead, petroleum volatile organic compounds (PVOCs), and 1,2 dichloroethane (1,2-DCA). Select samples are analyzed for diesel range organics (DRO) and polynuclear aromatic hydrocarbons (PAHs).
May 8, 2001	Northern Environmental collects a round of water levels and develops and samples MW100, MW200, MW300, MW400, and MW1700. Ground-water samples are submitted for analysis of VOCs and lead. Ground-water samples collected from MW200 and MW400 are also analyzed for PAHs. Northern Environmental also performs bailer recovery tests on monitoring well MW100, MW200, and MW400 to determine hydraulic conductivity of the unconsolidated formation.
May 18, 2001	Northern Environmental collects a round of water levels.
May 30 and 31, 2001	EDS advances seven additional soil borings (B1800, B2200 through B2700), installs six additional wells (MW2200 through MW2700), and one piezometer (PZ1800). Northern Environmental personnel advances three hand auger borings (B1900 through B2100). The top fifteen feet of B1800 is blind drilled due to the close proximity to B200. Monitoring wells MW2200 through MW2700 are screened from 4 to 14 fbg and PZ1800 is screened from 25 to 30 fbg to evaluate the lateral and vertical extent of ground-water contamination, respectively. Soil samples collected from B1900 and B2100 are submitted for analysis of PAHs. Soil samples from B2000 are submitted for analysis of lead and cadmium. Soil samples from B2200 through B2700 are analyzed for PVOCs and 1,2-DCA.

June 5, 2001	Northern Environmental develops and samples newly installed monitoring wells and piezometer. Ground-water samples are submitted for VOC and lead analysis. Ground-water samples collected from PZ1800, MW2400, and MW2500 are also analyzed for PAHs.
June 19, 2001	Northern Environmental collects a round of water levels and purges additional water from PZ1800.
June 26, 2001 - January 4, 2002	Northern Environmental personnel on-site nine separate days to purge water and check the water level in PZ1800.
January 11, 2002	Northern Environmental collects a round of water levels and another ground-water sample from PZ1800.
February 20 & February 21, 2002	EDS advances four soil borings (B2800 through B3100) and installs 4 additional piezometers (PZ2800 through PZ3100). The top 17.5 feet of the soil borings are blind drilled due to their close proximity to soil borings previously completed. PZ2800 through PZ3000 are screened from 30 to 35 fbg to further evaluate the extent of ground-water contamination within the deeper water table. PZ3100 is screened from 45 to 50 fbg to further evaluate the vertical extent of petroleum compounds in the ground water. Since previous investigative activities had defined the extent of soil contamination, none of the soil samples are submitted for laboratory analysis.
February 22 & February 26, 2002	Northern Environmental develops newly installed piezometers.
February 27, 2002	Northern Environmental collects a round of water levels and develops the newly installed piezometers. PZ3100 is sampled. A second round of ground-water samples is collected from the site monitoring wells. A third ground-water sample is collected from PZ1800. Ground-water samples collected from the monitoring wells and PZ1800 are submitted for analysis of PVOCs and naphthalene. Ground-water samples collected from PZ3100 are analyzed for VOCs. Natural attenuation parameters were also collected from the monitoring wells.
March 4, 2002	Northern Environmental collects a round of water levels from the piezometers and develops and samples PZ2800 through PZ3000. Samples are analyzed for VOCs.

3.2 Soil Investigation

Investigation of the extent of petroleum compounds in soil at the Site included collecting soil samples using a truck mounted drill rig equipped with hollow stem augers (HSAs) and a hand auger. A total of twenty-eight HSA borings (B100 through B1800 and B2200 through B3100) and three hand auger borings (B1900 through B2100) were completed at the Site. The depth of the HSA borings ranged from 9.5 to 50 fbg while the hand borings were completed to 2 fbg. The borings were drilled in conformance with standard drilling techniques (American Society for Testing and Materials [ASTM] Standard Method 1452). The locations of the soil borings are shown on Figure 4.

All downhole drilling and sampling equipment was cleaned prior to use on-site and between borings. No lubricants or solvents were used on the downhole drilling or sampling equipment. Sampling devices were washed with a detergent solution (Alconox) and double-rinsed with potable water between sampling intervals and between each boring.

Soil samples were collected from the HSA borings at 2.5-foot intervals using standard split-barrel sampling techniques (ASTM 1586) and a 24-inch-long split-barrel sampling device, with the exception of soil borings B2800 through B3100. The upper 17.5 feet of the soil borings (B2800 through B3100) were blind drilled and soil samples below 17.5 fbg were collected at 5-foot intervals using a 24-inch-long split-barrel sampling device. One soil sample was collected from each hand auger boring. Each soil sample was described in the field by Northern Environmental personnel.

WDNR-mandated borehole logs were prepared in general conformance to standard description and identification of soils techniques (ASTM 2488). These logs include information on soil type (USCS Classification), geologic origin, color (Munsell notation), moisture content, texture, odor, and photoionizable constituents. Soil boring logs are included as Appendix B1. As required by state law (s. NR 141.25, Wis. Adm. Code), borings not converted to monitoring wells were decommissioned by filling with bentonite when the drilling and sampling were complete. WDNR Borehole Abandonment Forms are included as Appendix B2. Soil cuttings from the borings were temporarily placed in 55-gallon metal drums and stored on-site. The soil cuttings were disposed of by Advanced Tank Services of Eau Claire, Wisconsin at Waste Managements Facility in Whitelaw, Wisconsin. Soil disposal documentation is included in attachment B3.

Soil samples were properly containerized for field-screening and possible laboratory analysis. Soil sample collection, handling, and field-screening procedures followed WDNR guidance (WDNR, 1992). Field screening was performed using a Thermal Environmental Instruments, Incorporated Model 580S PID outfitted with a 10.6 eV lamp and calibrated daily for direct response to isobutylene. The soil samples collected above the apparent water table that exhibited the highest field-screening results were selected for laboratory analysis. Soil samples selected for laboratory analysis were transported under chain-of-custody protocol to Commonwealth Technology, Inc. (CTI), WDNR-Certified Lab #157066030. The soil samples selected for laboratory analysis were analyzed for a combination of GRO (WDNR Modified Method), DRO (WDNR Modified Method), lead (EPA Method 6010B), PVOCs (EPA Method 8021), 1, 2-DCA (EPA Method 8021), PAHs (EPA Method 8310), or cadmium (EPA Method 6010B).

3.3 Ground-Water Investigation

Investigation of the extent of petroleum compounds in ground water included the installation of ten monitoring wells and five piezometers. The monitoring wells were completed 14 fbg to evaluate the extent of petroleum compounds in the shallow perched water table. Four piezometers were completed between 25 to 30 fbg to evaluate the extent of the deeper water table. One piezometer was completed to 50 fbg to evaluate the vertical extent of petroleum compounds in ground water. The monitoring well and piezometer locations are shown on Figure 5.

Construction and development of the monitoring wells and piezometers was conducted in accordance with NR 141, Wis. Adm. Code. Monitoring well sampling was conducted in accordance with WDNR guidance (WDNR, 1996). WDNR Monitoring Well Construction and Well Development Forms are included as Appendix C1. The WDNR Ground-Water Monitoring Well Information Form is included as Appendix C2. Monitoring well and piezometer development and purge water was temporarily stored on-site in 55-gallon metal drums. The purge and development water was disposed of by Advanced Tank Services at Eau Claire's Waste Water Treatment Plant. Ground-water disposal documentation is included in Attachment C3. Ground-water samples were submitted under chain-of-custody to CTI for analysis of a combination of VOCs, PVOCs, PAHs, lead, 1,2-DCA, and naphthalene.

To evaluate pre-remediation geochemistry of the ground water and the potential for natural attenuation of petroleum compounds, ground-water samples collected during February 2002 were analyzed for geochemical inorganic parameters. The geochemical indicator parameters sampled for include dissolved oxygen (DO), oxidation-reduction potential (ORP), specific conductivity, pH, and temperature. An Oakton Brand ORP Pocket Probe was used to measure ORP in the ground-water samples. A YSI Model 55 Handheld DO Meter was used to measure DO in each monitoring well. The manufacturer's instructions on calibration and use of instruments and test kits were followed for each test.

4.0 APPLICABLE CLEANUP CRITERIA

The Wis. Adm. Code establishes soil cleanup standards for several petroleum-related compounds. These standards, or RCLs, are presented in NR 720, Wis. Adm. Code. Under NR 720, Wis. Adm. Code, soil cleanup standards for GRO and DRO contaminated soil have been established at 100 milligrams per kilogram (mg/kg) for permeable soils and 250 mg/kg for less permeable soils. Permeable soils are described as soils having a saturated hydraulic conductivity greater than 1×10^{-5} cm/sec. Less permeable soils are described as soils having a saturated hydraulic conductivity less than 1×10^{-5} cm/sec. By these standards, the saturated soil found at the Site is a permeable soil.

Generic RCLs have also been established for benzene, toluene, ethylbenzene, xylenes, and 1,2-DCA in soil. The RCLs are 5.5; 1,500; 2,900; 4,100; and 4.9 µg/kg, respectively. Generic RCLs are established to protect ground-water quality in typical Wisconsin environments and are generally conservative.

Soil screening levels were established for several petroleum compounds to determine whether or not remedial action is necessary. The risk screening levels for soil are listed in Tables 1 and 2 of NR 746.06. The Table 1 screening levels were established as indicators of residual petroleum product in soil pores. The soil screening values listed in Table 1 for benzene, 1,2-DCA, ethylbenzene, toluene, xylenes, 1,2,4-trimethylbenzene, 1,3,5-trimethylebenzene, and naphthalene are 8,500; 600; 4,600; 38,000; 42,000; 83,000; 11,000; and 2,700 µg/kg, respectively. Table 2 values apply to direct contact exposure limits for petroleum constituents within the top four feet of soil. The direct contact limits listed in Table 2 for benzene and 1,2-DCA are 1,100 and 540 µg/kg, respectively.

The WDNR also issued an interim guidance for soil cleanup levels for PAHs. As part of the interim guidance suggested RCLs were established for protection of ground-water quality and exposure via direct contact at industrial or non-industrial sites. The suggested RCLs for PAHs are listed in Table 1 of the WDNR's Interim Guidance (WDNR, 1997). Site-specific cleanup standards can also be established using contaminant fate and transport models, leach tests, or any WDNR-approved method. These methods can demonstrate that contaminant concentrations several orders of magnitude higher than the generic RCLs can be left in place and be protective of ground-water quality.

Standards for ground-water quality are established in NR 140, Wis. Adm. Code. A preventive action limit (PAL) and enforcement standard (ES) are established for some of the PAHs and many VOCs. If the concentration of any compound exceeds its PAL, a wide range of actions may be required, ranging from no action, to active remediation, to restoration of ground-water quality. If the concentration of any compound exceeds the ES, some action must be taken. This ranges from long-term monitoring to active remediation, depending on characteristics of the contaminants and the site.

5.0 RESULTS OF INVESTIGATION

5.1 Hydrogeology

The Site is in an area once occupied by the Green Bay Lobe of the Laurentide Ice Sheet. Based on regional information from *Pleistocene Stratigraphic Units of Wisconsin*, surficial sediments in the area are composed of glacial till of the Middle Inlet Member of the Kewaunee Formation. The till of the Middle Inlet Member consists mainly of sand with lesser amounts of silt and clay. Based on the results of soil borings advanced at the Site, the soil types encountered consisted of sand and gravel fill at the surface followed by silty clay with some layers of sand, silt, and gravel changing to sand and gravel at 40 to 50 fbg. A geologic cross-section showing the site stratigraphy is included as Figure 6.

Regional information available for the area reveals two distinct aquifers, a shallow glacial drift aquifer and the underlying bedrock aquifer. The glacial drift aquifer consists of unconsolidated sediment above the bedrock. The bedrock aquifer consists of Ordivician-aged dolomite of the Prairie du Chien Group and underlying the dolomite is Cambrian-aged sandstone. Bedrock was not encountered at the Site to a maximum depth of 50 fbg.

Based on the results of the investigation, two ground-water tables were identified in the unconsolidated sediment at the Site, a shallow perched water table and a deeper water table. Ground water in the shallow perched water table was encountered between 2 and 7 fbg. The depth to ground water in the deeper water table ranged between 14 and 24 fbg. Ground water in the glacial drift aquifer generally flows from areas of higher to lower elevation, toward nearby lakes and streams. A potential discharge area for the glacial drift aquifer is Henry Creek located north of the Site. However, local variations in the ground-water flow may exist within the unconsolidated formation due to site-specific factors, such as fractures in the unconsolidated formation and manmade disturbances (utility lines, fill, etc.).

Potable water at the Site and surrounding properties is supplied by the city of Seymour's municipal distribution system, which obtains its water from two municipal wells constructed in the bedrock aquifer. The municipal wells are located in Seymour at 328 Elizabeth Street and 638 North Main Street, approximately 855 and 1500 feet respectively from the Site. The wells are completed to 406 and 500 fbg. According to the well construction reports, it appears that bedrock was encountered at

approximately 130 and 170 fbg during construction of these wells. Copies of the well construction reports obtained from the WDNR's web site are included in Appendix D.

To determine the shallow ground-water flow direction and estimated horizontal hydraulic gradients, several rounds of water-level measurements were collected from the monitoring wells and piezometers. Using data collected on June 19, 2001 and February 27, 2002, the ground-water flow direction in the perched water table is to the northeast, under a horizontal hydraulic gradient of 0.036 and 0.033 feet per foot, respectively. The ground-water elevation data is included in Table 3. The shallow perched ground-water flow direction is shown on Figures 7 and 8.

Bailer recovery tests were performed on MW100, MW200, MW400, PZ2800, and PZ2900. The Bouwer and Rice method was used to calculate the hydraulic conductivity from the bailer recovery test data. Based on the results of the bailer recovery tests, an average hydraulic conductivity of 4.0×10^{-4} centimeters per second (cm/sec) was calculated for the saturated soil. Results of the bailer recovery test are included as Appendix E.

5.2 Extent of Petroleum-Contaminated Soil

Field-screening of the soil samples collected from the soil borings produced photoionization detector (PID) responses ranging from 0 to 614 instrument units as isobutylene (iui). The highest PID responses came from the soil borings advanced near the former gasoline USTs and dispenser island locations. Field-screening results are summarized in Table 4.

Laboratory analytical results confirmed that concentrations of petroleum compounds are present in B100, B200, B400, B500, B700, B800, B900, B1000, B1100, B1200, B1300, B1500, B1900, and B2100. Soil samples collected from borings B100, B700, B800, B900, B1000, B1100, and B1300 contained concentrations of GRO, lead, benzene, ethylbenzene, toluene, and/or xylenes in excess of NR 720, Wis. Adm. Code generic RCLs. No petroleum compounds were detected in excess of the RCLs in any of the other borings.

Soil samples collected from B400, B500, B1900, and B2100 located near the former waste oil UST contained concentrations of PAHs in excess of the suggested interim guidance limits for protection for ground-water quality and exposure via direct contact.

The ethylbenzene, toluene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and/or xylenes concentrations detected in soil borings B100, B800, B900, and B1300, were in excess of the soil screening levels listed in Table 1, NR 746.06. The benzene concentrations detected in soil samples collected from 2.5 to 4.5 fbg in soil borings B800 and B900 were also in excess of direct contact soil contaminant concentrations listed in Table 2, NR 746.06. No petroleum compounds were detected above RCLs or Table 1 or Table 2 values in any of the other borings. Several soil samples collected during the UST closure assessment also contained concentration of ethylbenzene, naphthalene, toluene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and/or xylenes in excess of the soil screening levels listed in Table 1, NR 746.06.

Based on the results of the investigation and soil samples collected during the UST closure assessment, the extent of petroleum constituents in soil has been defined. Soil samples collected adjacent to the Site within Main and Depot Streets indicate that soil contamination has not migrated off-site. It appears that the highest levels of soil contamination exist near the former dispenser island locations. Laboratory analytical results of the soil samples are listed in Table 5. The estimated extent of benzene in soil is shown in Figure 4. Copies of the laboratory reports for the soil samples analyzed are included as Appendix F1.

5.3 Extent of Petroleum-Contaminated Ground Water

Laboratory analysis of two rounds of ground-water samples detected petroleum constituents in excess of NR 140, Wis. Adm. Code ground-water quality standards in MW100, MW200, MW300, MW400, and PZ1800. Specifically concentrations of benzene were detected in excess of the ES in MW100, MW200, MW300, MW400, and PZ1800 during both sampling events. Concentrations of ethylbenzene, methyl-tertiary-butyl-ether (MTBE), naphthalene, toluene, trimethylbenzenes, and/or xylenes were also detected in these wells above the PAL or ES during the first or second sampling events. Concentrations of MTBE were detected MW2400 above the PAL during the initial sampling event, and decreased to below the PAL during the February 2002 sampling event. Lead was detected in MW200 and MW300 in excess of the PAL during the May 2001 sampling event. Several PAHs were also detected in excess of the PAL in MW200 and MW400 during May 2001. Lead and PAHs were not analyzed during the second round of ground-water samples. No other petroleum constituents were detected in the other monitoring wells or piezometers above ground-water quality standards.

Based on the results of ground-water sampling, it appears that the extent of petroleum-related compounds in the ground water have been adequately characterized and defined. Petroleum-impacted ground water exists near the former USTs and dispenser islands and has migrated off-site to the north and northwest with ground-water flow. Ground-water contamination also appears to have migrated vertically to the deeper ground-water table. The distribution of benzene and MTBE in ground water based on ground-water samples collected during February and March 2002 is shown on Figure 5. Laboratory results of the ground-water samples collected from the monitoring wells and piezometers are listed in Table 6. Copies of the laboratory reports are included in Appendix F2.

Concentrations of DO and ORP are typically lower within a contaminant plume than those outside of a plume. Lower levels of DO in the plume compared to the concentrations outside the plume indicate oxygen has been consumed by indigenous microorganisms during aerobic biodegradation. The DO concentrations measured at all the monitoring wells both in and outside the plume were relatively low within the plume, with the exception of MW2700. Because low DO readings were observed within the plume, it appears that aerobic biodegradation may be occurring. However, since there was little variation compared to the DO readings outside the plume, the DO readings were generally inclusive. Low ORP readings were measured at MW100, MW200, and PZ1800 located within the contaminant plume indicating that biodegradation is occurring. Results of the inorganic ground-water quality data are included in Table 7.

6.0 EVALUATION OF RISK SCREENING CRITERIA

Chapter NR 746.06 (2) Wis. Adm. Code requires evaluation of risk criteria for screening sites to identify sites that are eligible for closure and to determine if remedial action is required. The risk screening criteria, as stated in NR 746, are presented below in italics, with our evaluation following each item.

(a) None of the following environmental factors are present at the Site:

(1) Documented expansion of plume margin.

(2) Verified contaminant concentrations in a private or public potable well that attains or exceeds the preventive action limit.

(3) Contamination within bedrock or within 1 meter (3.28 ft) of bedrock.

(4) Petroleum product that is not in the dissolved phase is present with a thickness of 0.01 feet or more, and has been verified by more than one sampling event.

(5) Documented contamination discharges to a surface water or wetland.

(1) Based on laboratory analytical results of data collected on June 27, 2001, MTBE was detected at concentrations in excess of the PAL in downgradient monitoring well, MW2400. No other petroleum constituents were detected in MW2400 in excess of the PAL. Between June 2001 and February 2002, the MTBE concentration in MW2400 decreased to below the PAL from 12 to 6.2 µg/L. Based on the current ground-water sampling results, the plume margin does not appear to be increasing in concentration. However, additional sampling events are needed to establish a trend in MTBE and other petroleum constituents concentrations detected at the Site.

(2) Potable water at the Site is provided by the city of Seymour's municipal distribution system, which derives its water from two municipal wells completed in the bedrock aquifer. The nearest municipal well is approximately 855 feet northwest of the Site. The other well is located approximately 1500 feet north of the Site. Ground-water samples were not collected from the municipal wells as part of the site investigation. Given the construction and distance to the municipal wells from the Site, it unlikely that the municipal wells would be impacted from the petroleum release at the Site. There are no known private wells in the vicinity of the Site.

(3) Bedrock was not encountered during the site investigation to a maximum depth of 50 fbg. According to the municipal well construction reports for the municipal wells, depth to bedrock is approximately 130 to 170 fbg. Based on soil and ground-water sampling results, petroleum contamination does not exist within 1 meter of bedrock.

(4) Free-phase petroleum product was not observed in any of the monitoring wells or piezometers.

(5) Monitoring well MW2600 and PZ2900 were installed adjacent to Henry Creek located north of the Site. Two rounds of ground-water samples detected low levels of MTBE in MW2600 at concentrations below the PAL. Based on the laboratory analytical results low levels of MTBE may be discharging to Henry Creek.

(b) *No soil contamination is present at the site that exceeds any of the soil screening levels in Table 1.*

Table 1

Benzene	*8.5 mg/kg*	*[8,500 µg/kg]*
1,2-DCA	*0.6 mg/kg*	*[600 µg/kg]*
Ethylbenzene	*4.6 mg/kg*	*[4,600 µg/kg]*
Toluene	*38 mg/kg*	*[38,000 µg/kg]*
Xylenes	*42 mg/kg*	*[42,000 µg/kg]*
1,2,4-Trimethylbenzene	*83 mg/kg*	*[83,000 µg/kg]*
1,3,5-Trimethylbenzene	*11 mg/kg*	*[11,000 µg/kg]*
Naphthalene	*2.7 mg/kg*	*[2,700 µg/kg]*

Concentrations of ethylbenzene, naphthalene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene and/or xylenes were detected in soil samples S18, S20, and S23 collected during the UST closure assessment in excess of the soil screening levels listed in Table 1, NR 746.06. Ethylbenzene, toluene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and/or xylenes concentrations detected in soil borings B100, B800, B900, and B1300 were also detected in excess of the Table 1 values. No other soil sample collected at the Site contained petroleum concentrations in excess of Table 1 values.

(c) *There is no soil contamination within 4 feet of the ground surface that exceeds any of the direct contact soil contaminant concentrations for the substances listed in Table 2.*

Benzene	*1.10 mg/kg*	*[1,100 µg/kg]*
1,2-DCA	*0.54 mg/kg*	*[540 µg/kg]*

The benzene concentrations in soil samples collected from 2.5 to 4.5 fbg in soil borings B800 and B900 were detected in excess of direct contact soil contaminant concentrations listed in Table 2, NR 746.06. No other soil samples collected at the Site contained petroleum concentrations in excess of Table 2 values.

(d) *For substances not listed in Table 2 that are present within 4 feet of the ground surface and have been approved by the agency with administrative authority for the site as contaminants of concern as defined in s. NR 720.03 (2), any potential human health risk from direct contact has been addressed.*

The United States Environmental Protection Agency (EPA) has created a Risk Assessment Guidance Web Site for establishing generic soil screening levels (SSLs) that are protective of human exposure pathways for various volatile compounds. Using the Wisconsin default values listed in the WDNR Guidance, *Determining Residual Contaminant Levels Using the EPA Soil Screening Level Web Site Pub-RR-682,* SSLs were calculated using the EPA web site for those compounds detected at the Site. Petroleum compounds detected at the Site and not listed in Table 2 were compared to the levels listed for ingestion, inhalation, and ground-water migration pathways of concern. Soil samples collected from borings B100, BB800, B900, B1000, and B1300 contained a combination of ethylbenzene, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene in excess of the levels listed for direct contact exposure via inhalation of volatiles or fugitive dust. Concentrations of ethylbenzene, toluene, 1,2,4-trimethylbenzene,

1,3,5-trimethylbenzene, and xylenes were also detected in the borings listed above in excess of the levels listed for potential migration to ground-water. None of the other soil samples contained petroleum concentrations in excess of the SSLs calculated using the EPA web site.

The soil sample results collected in the top four feet were also compared to the soil cleanup levels listed in the WDNR *Soil Cleanup Levels for PAHs Interim Guidance.* The results indicated that several PAHs were detected in excess of the suggested RCLs for direct contact exposure in soil samples collected from B400, B500, B1900, and B2100. A soil sample collected from B500 also contained a PAH in excess of the suggested RCLs for potential migration to ground water. None of the other soil samples contained PAHs in excess of the suggested RCLs for PAHs.

(e) *If there are petroleum-product contaminants in soil or groundwater, the most recent release that caused or contributed to the contamination is more than 10 years old.*

The age of the release is unknown.

(f) *There is no evidence of migration of petroleum product contamination within a utility corridor or within a permeable material or soil along which vapors, free product or contaminated water may flow.*

The only known public utility lines identified at the Site were natural gas and overhead electric. Typically natural gas lines are backfilled with native material and extend approximately 2.5 to 3.5 fbg. Given the backfill material, the natural gas line does not pose a significant concern.

Several utilities were identified off-site adjacent to the Site within Depot and Main Street. Soil sample results collected from soil borings B1600, B2200, and B2400, indicate that soil contamination does not extend beneath Main or Depot Streets. Based on soil field screening and ground-water sampling results, low levels of petroleum constituents were identified in the ground water beneath both streets. Given the ground-water flow direction and distribution of contaminants, it appears that the utilities most likely to pose a concern for contaminant migration are those utilities located adjacent and downgradient of the Site on the east side of Main Street.

Several utilities were identified along the east side of Main Street including a sanitary sewer main, underground electric line, and a water lateral. According the information obtained from the city of Seymour's Department of Public Works, the sanitary sewer trench extends approximately 8 to 10 fbg and is backfilled with native material. The underground electric line was laid within a conduit and installed approximately 1.5 fbg and backfilled with sand. The water lateral was horizontally bored from the west to east side of Main Street and exists approximately 6.5 fbg. Following installation of the water line, the borehole was backfilled with sand or void space was left around the pipe. Given that the sanitary sewer trench was backfilled with native material it does pose a likely concern. The trench for the electric line does not extend to the ground water eliminating the potential migration of contaminants along this trench. The water lateral poses a potential for contaminant migration due to the depth of the boring and backfill or lack of backfill material used.

Overall, based on the results of data collected from seven soil borings, four monitoring wells, and three piezometers installed within Main Street adjacent to the underground utilities, there does not appear to be significant migration of contaminants along the utility trenches.

(g) *There is no evidence of migration or imminent migration of petroleum product contamination to building foundation drain tile, sumps or other points of entry into a basement or other enclosed structure where petroleum vapors could collect and create odors or an adverse impact on indoor air quality or where the contaminants may pose an explosion hazard.*

There are no buildings located on the Site. Adjacent and north of the property is a building which consists of The Hamburger Hall of Fame on the first level and apartments on the second level. According to the property owner, there is a crawl space with a dirt floor that extends beneath the building to approximately 4 fbg. According to the property owner, he has observed no petroleum-like odors in the crawl space or the building. The results of laboratory analysis of soil samples collected adjacent to the property line of the Site and The Hamburger Hall of Fame property, did not detect petroleum constituents in the upper four feet of soil near this building. Petroleum-impacted ground water was detected in a monitoring well and piezometer installed adjacent to the property line. Given the measured water levels in the monitoring well and piezometer, it does not appear that the crawl space extends below the water table. Therefore, the threat of vapor migration from contaminated ground water collecting in the crawl space is unlikely.

(h) *No enforcement standard is attained or exceeded in any groundwater within 1000 feet of a well operated by a public utility, as defined in s. 196.01 (5), Stats., or within 100 feet of any other well used to provide water for human consumption.*

Municipal Well #2 is located approximately 855 feet northwest of the site. There are no other known wells within 1000 feet of the Site.

7.0 CONCLUSIONS

The investigation has adequately defined the extent of the petroleum release in soil and ground water. Thirty-one soil borings were advanced both on and off-site to define the vertical and lateral extents of the identified release. Ten of the borings were completed as ground-water monitoring wells and five of the borings were completed as piezometers to determine the extent of ground water impacted by the release. Petroleum compounds were detected at concentrations greater than the generic RCLs in soil in the location of the former dispenser islands. Contaminant concentrations in excess of NR 746.06 Table 1 and 2 values were also detected in soil in this area. Contaminant concentrations in excess of NR 746.06 Table 1 values were also detected in the soil near the former waste oil UST. The Site is not paved, increasing the threat of direct contact exposure and migration of contaminants to the ground water. Northern Environmental estimates that approximately 750 cubic yards of soil contain petroleum compounds in excess of Table 1 or 2 values. All the soil is accessible for excavation.

Several petroleum compounds were detected in ground water at concentrations in excess of NR 140, Wis. Adm. Code ground-water quality standards. Petroleum contaminated ground water exists on-site and has migrated off-site to the north and northeast. Results of ground-water sampling indicate that MTBE was present above laboratory method detection limits but below the PAL and ES in a monitoring well installed off-site adjacent to Henry Creek. Based on data collected from a monitoring well, it appears that low levels of MTBE compounds may be discharging to the creek.

The site investigation identified the following NR 746 Risk Screening criteria at the Site:

1. Presence of petroleum compounds at concentrations in excess of Table 1 screening values.

2. Presence of petroleum compounds in the upper 4 feet of soil in excess of Table 2 screening values.

3. Presence of ES exceedances within 1000 feet of a municipal water supply well.

4. Potential contamination discharge to surface water.

Based on the presence of the risk screening criteria mentioned above, remedial action is required at the Site to achieve case closure. Given the threat of direct contact exposure and the proposed future use of the property (i.e., a city park), source soil removal or remediation in conjunction with natural attenuation monitoring appears to be the most appropriate remedial alternative. Removal or remediation of soil containing concentrations of petroleum compounds in excess of NR 746.06 Table 1 and 2 screening values will satisfy above criteria 1 and 2. If the source soil is remediated or removed, it is anticipated that contaminant concentrations in ground water will begin to improve. Long term ground-water monitoring will document the effectiveness of natural attenuation of petroleum compounds. Natural attenuation as well as source control is expected to improve ground-water quality, therefore reducing the threat to the municipal well, satisfying above criteria 3. Sampling of monitoring well MW2600 located adjacent to Henry Creek will document the trend in contaminant concentrations in the ground water that could be potentially discharging to the creek. Again, source control is anticipated to improve ground-water quality and therefore decrease concentrations discharging to the creek and satisfying above criteria 4. However, if a decreasing trend is not observed during ground-water monitoring, active ground-water remediation may be necessary.

The results of this study are based on interpretation of the information available to Northern Environmental. Northern Environmental does not warrant that this report represents an exhaustive study of all possible environmental concerns potentially associated with the property. The items investigated as part of this study do represent the most likely sources of environmental concerns associated with the identified petroleum release and are, consequently, believed to adequately address the responsible party's needs at this time.

8.0 PROFESSIONAL CERTIFICATIONS

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

Lynelle P. Caine
Project Manager

4-5-02
Date

9.0 REFERENCES

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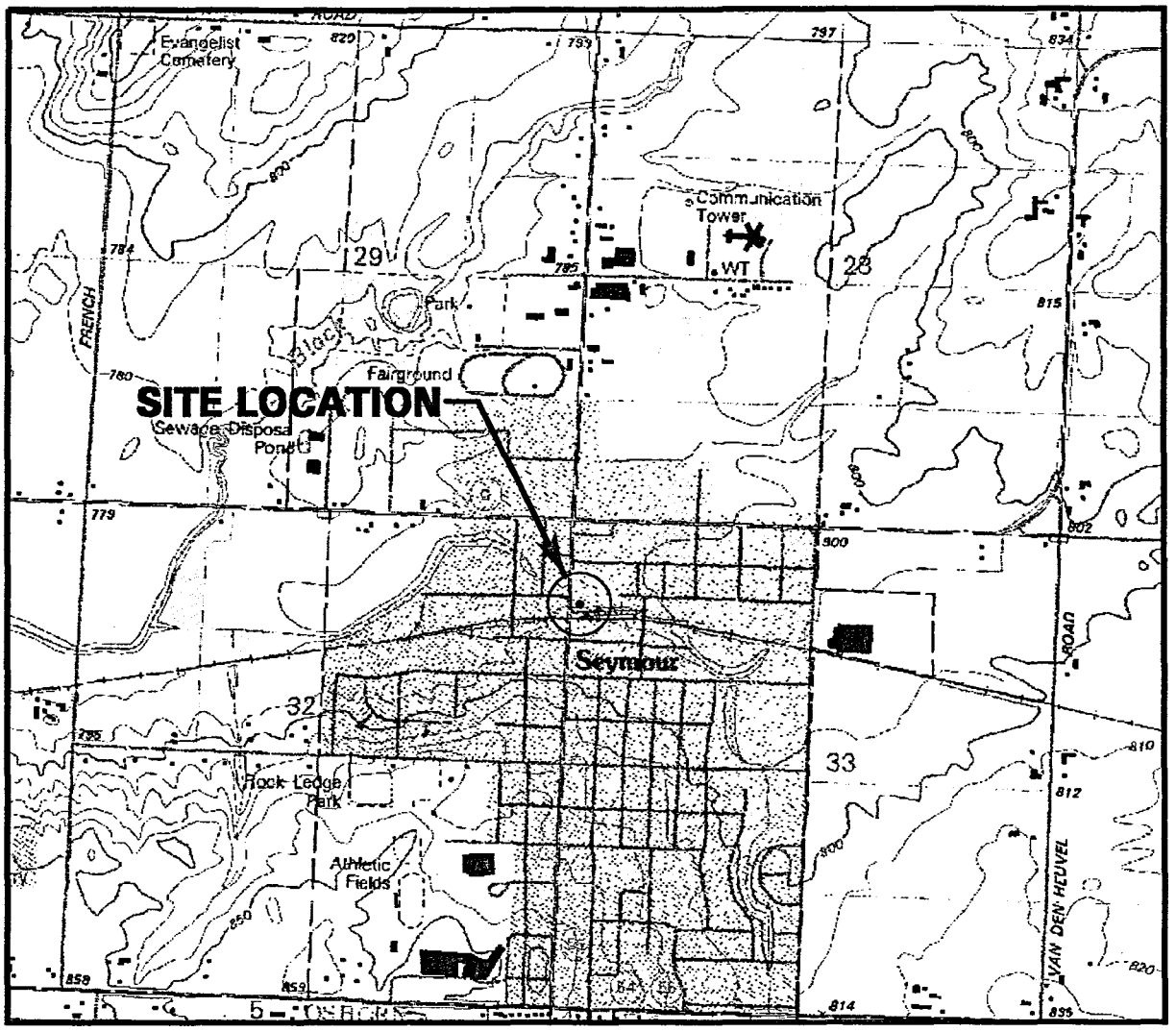

SCALE IN FEET

1" = 2000'

0 1000 2000 3000 4000 5000 6000 7000 8000

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

QUADRANGLE LOCATION

N

BASE MAP SOURCE: USGS SEYMOUR, WISCONSIN 7.5 MINUTE QUADRANGLE, 1992

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SEYMOUR, WISCONSIN

SITE LOCATION AND LOCAL TOPOGRAPHY

FIGURE 1

S:\PROJ\CSY\11091162\DRAWINGS\031201-1.DWG

BAYLAKE BANK

CREEK

FIRST BAPTIST CHURCH

BUYER'S GUIDE

PARKING LOT

GARAGE

HUSTLE INN

HAMBURGER HALL OF FAME

MORROW STREET

ALLEY

HARDWARE STORE

SIDEWALK

MAIN STREET (STH 55)

SIDEWALK

SAND/GRAVEL

FORMER SITE BUILDING

LANDSCAPED AREA

SEYMOUR COMMUNITY MUSEUM

CHUBBIES PIZZA

GRASS

ASPHALT

SIDEWALK

DEPOT STREET

FRANK'S PLACE

GRASS

GRASS

LEGEND

E	UNDERGROUND ELECTRIC LINE
OE	OVERHEAD ELECTRIC LINE
S	SANITARY SEWER LINE
ST	STORM SEWER LINE
	RAILROAD TRACKS
W	WATER LINE
G	GAS LINE
X	FENCE
	MANHOLE
	INLET

[#] FORMER UST LOCATION

1 = 6,000 GALLON UNLEADED GASOLINE
2 = 6,000 GALLON LEADED GASOLINE
3 = 8,000 GALLON UNLEADED GASOLINE
4 = 1,000 GALLON FUEL OIL
5 = 500 GALLON WASTE OIL
6 = 200 GALLON KEROSENE

FORMER DISPENSER ISLAND LOCATION

N

SCALE IN FEET

15 0 15 30

S:\PROJ\CSY\11091162\DRAWINGS\051001-2.DWG

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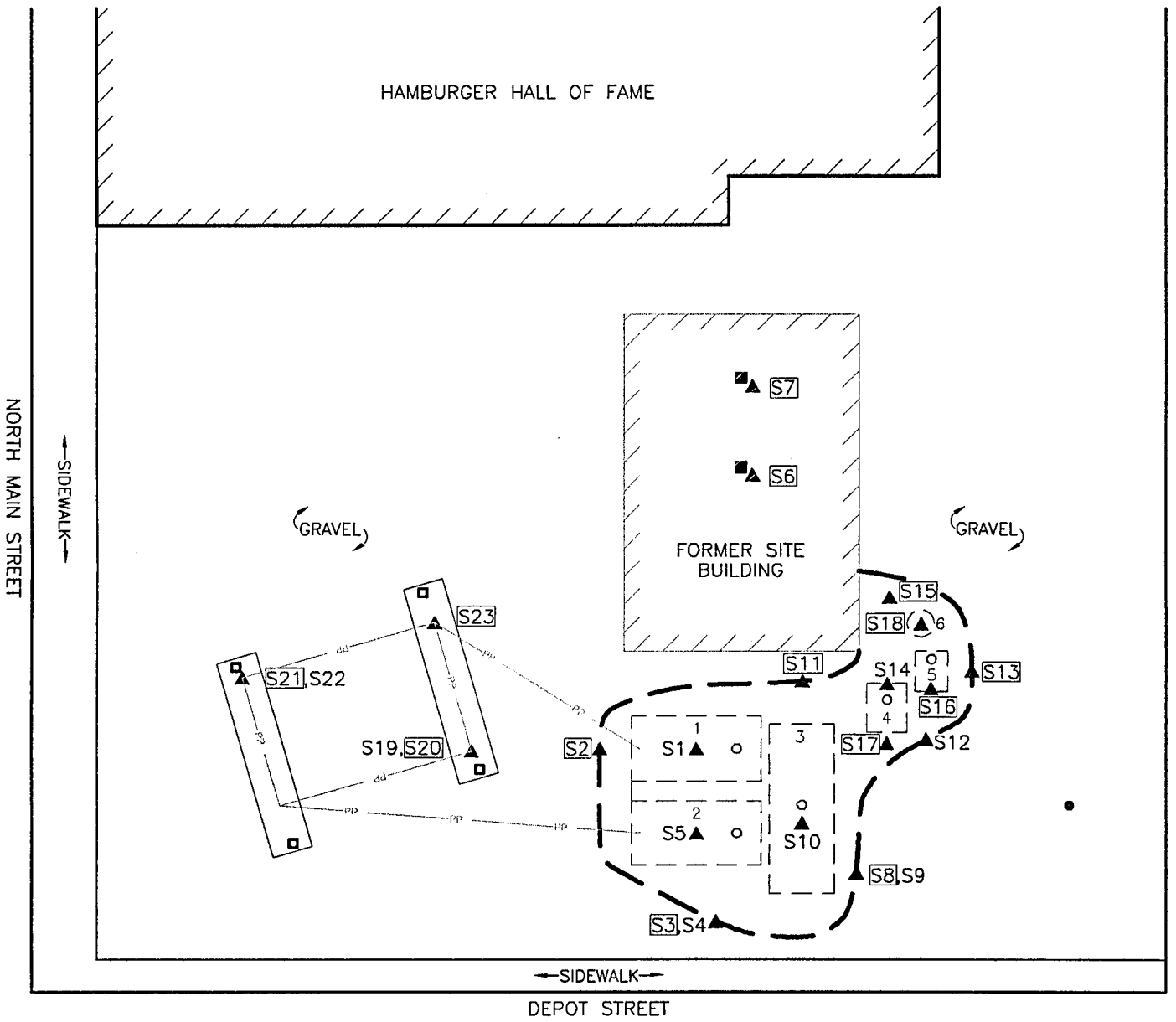
	Northern Environmental SM Hydrologists • Engineers • Geologists	SITE LAYOUT

FIGURE 2



LEGEND

- ▲ S1 — SOIL SAMPLE LOCATION COLLECTED FOR FIELD SCREENING AND LAB ANALYSIS (ONLY BOXED IN NUMBERS HAVE BEEN SUBMITTED FOR LAB ANALYSIS)
- EXTENT OF UST EXCAVATION
- # — FORMER UST LOCATION
  - UST 1 = 6,000 GALLON UNLEADED GASOLINE
  - UST 2 = 6,000 GALLON LEADED GASOLINE
  - UST 3 = 8,000 GALLON UNLEADED GASOLINE
  - UST 4 = 1,000 GALLON FUEL OIL
  - UST 5 = 500 GALLON WASTE OIL
  - UST 6 = 200 GALLON KEROSENE
- FORMER DISPENSER ISLAND LOCATION
- o — FILL PORT LOCATION
- ● — UTILITY POLE
- pp — FORMER PRODUCT LINE
- FORMER HYDRAULIC HOIST
- FORMER CANOPY POST

N

SCALE IN FEET

10 0 10 20

S:\PROJ\CSY\11091162\DRAWINGS\031201-2.DWG

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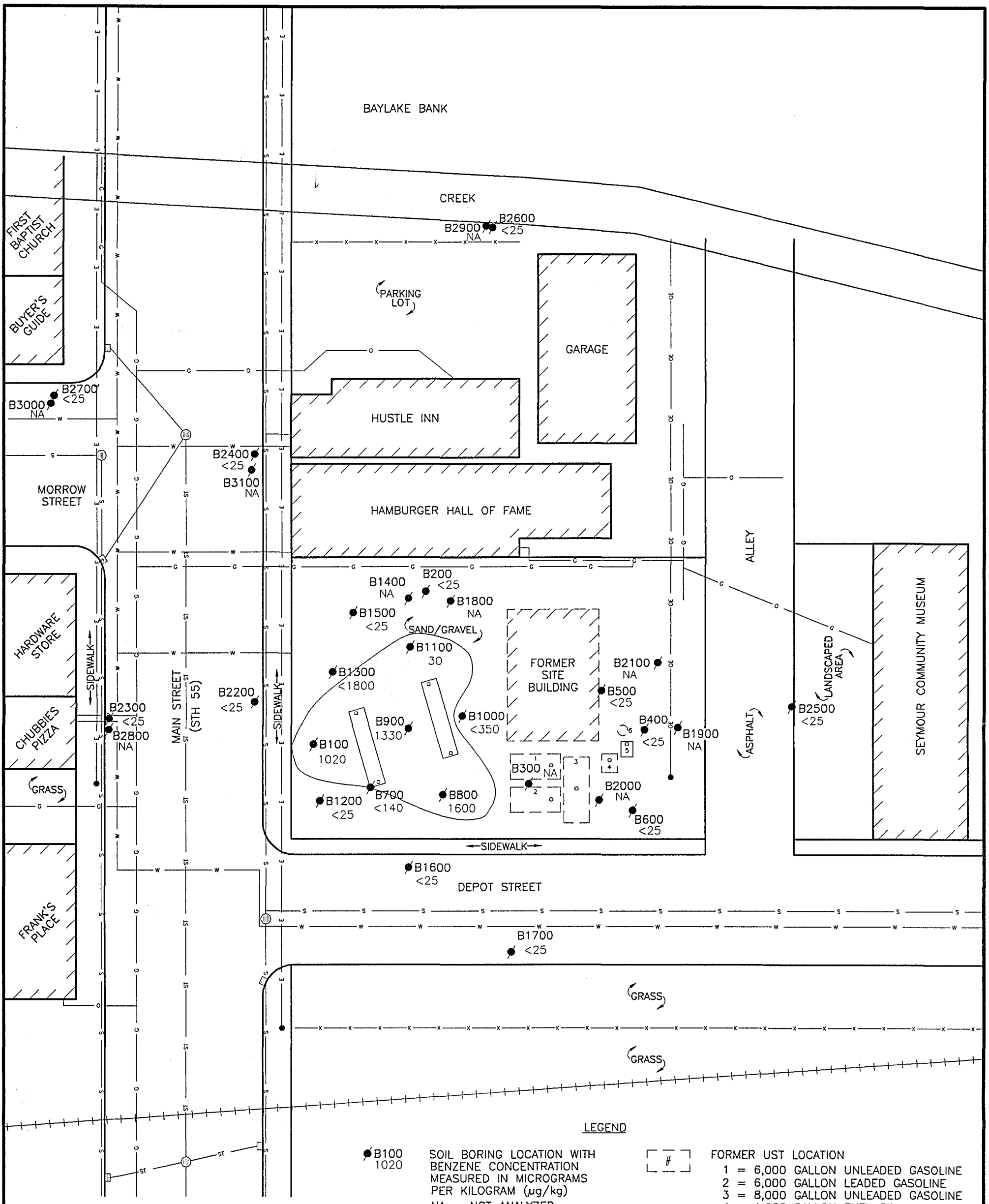
UST CLOSURE ASSESSMENT WITH SOIL SAMPLE LOCATIONS

FIGURE 3



LEGEND

B100 1020	SOIL BORING LOCATION WITH BENZENE CONCENTRATION MEASURED IN MICROGRAMS PER KILOGRAM (µg/kg)
NA	NA = NOT ANALYZED
E	UNDERGROUND ELECTRIC LINE
OE	OVERHEAD ELECTRIC LINE
S	SANITARY SEWER LINE
ST	STORM SEWER LINE
	RAILROAD TRACKS
W	WATER LINE
G	GAS LINE
x x x	FENCE
#	FORMER UST LOCATION 1 = 6,000 GALLON UNLEADED GASOLINE 2 = 6,000 GALLON LEADED GASOLINE 3 = 8,000 GALLON UNLEADED GASOLINE 4 = 1,000 GALLON FUEL OIL 5 = 500 GALLON WASTE OIL 6 = 200 GALLON KEROSENE
	FORMER DISPENSER ISLAND LOCATION
	ESTIMATED EXTENT OF BENZENE IN SOIL
	MANHOLE
	INLET

N

SCALE IN FEET

15 0 15 30

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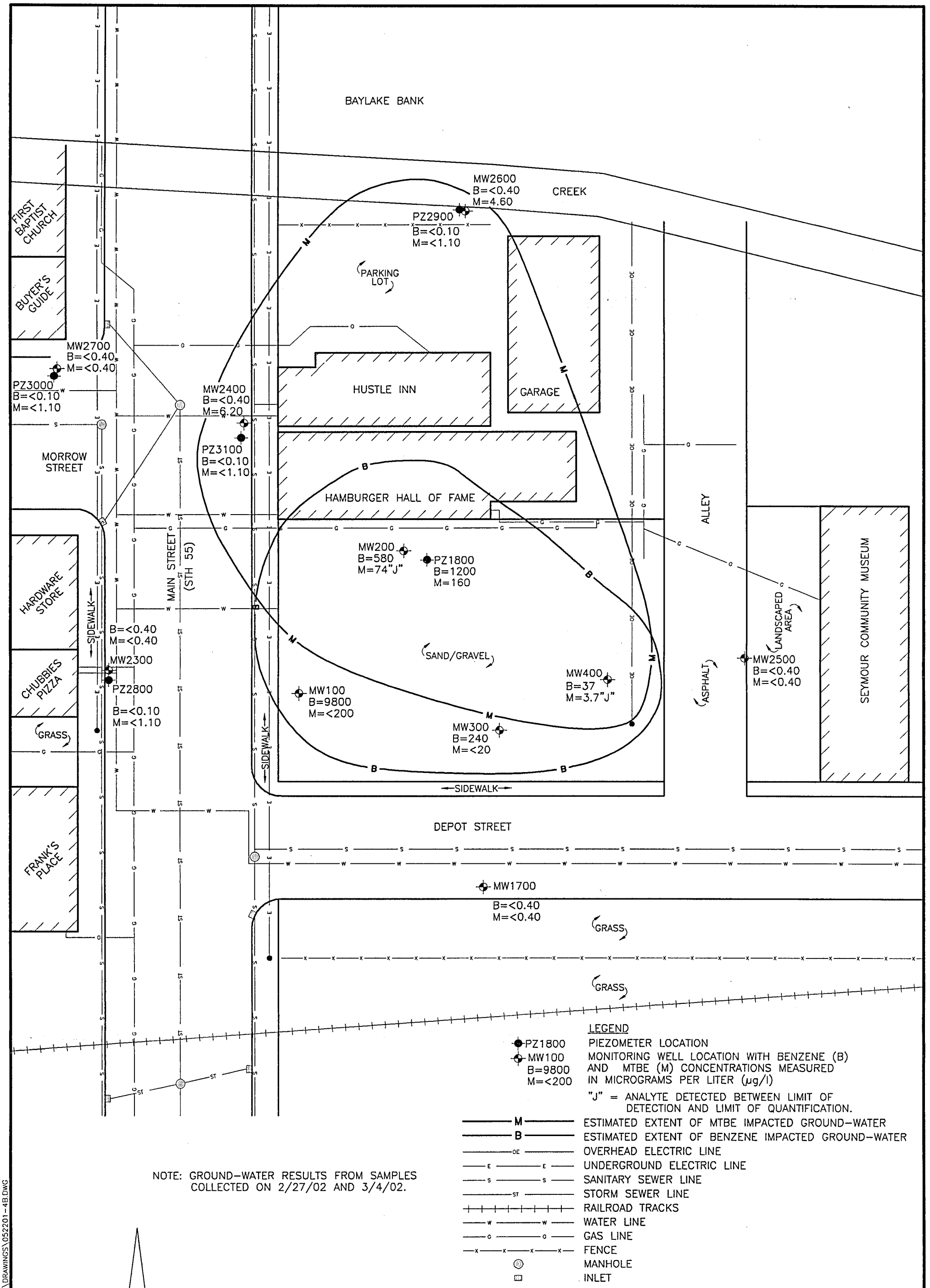
SOIL BORING LOCATIONS WITH ESTIMATED EXTENT OF BENZENE IN SOIL

FIGURE 4

S:\PROJ\CSY\11091162\DRAWINGS\052201-3B.DWG



LEGEND

PZ1800	PIEZOMETER LOCATION
MW100 B=9800 M=<200	MONITORING WELL LOCATION WITH BENZENE (B) AND MTBE (M) CONCENTRATIONS MEASURED IN MICROGRAMS PER LITER (µg/l)
	"J" = ANALYTE DETECTED BETWEEN LIMIT OF DETECTION AND LIMIT OF QUANTIFICATION.
M	ESTIMATED EXTENT OF MTBE IMPACTED GROUND-WATER
B	ESTIMATED EXTENT OF BENZENE IMPACTED GROUND-WATER
OE	OVERHEAD ELECTRIC LINE
E	UNDERGROUND ELECTRIC LINE
S	SANITARY SEWER LINE
ST	STORM SEWER LINE
	RAILROAD TRACKS
W	WATER LINE
G	GAS LINE
X	FENCE
	MANHOLE
	INLET

NOTE: GROUND-WATER RESULTS FROM SAMPLES COLLECTED ON 2/27/02 AND 3/4/02.

N

SCALE IN FEET

15 0 15 30

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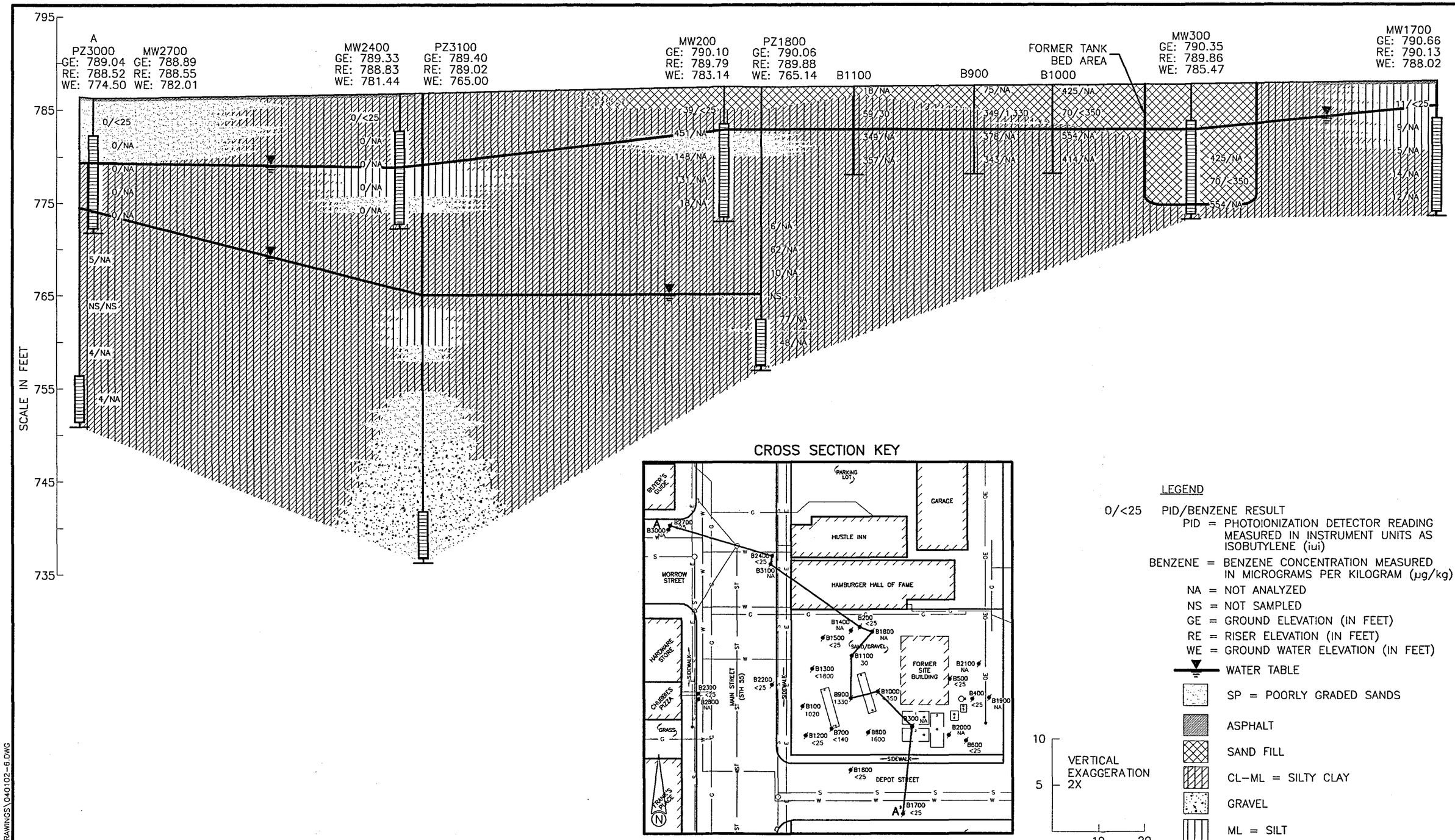
MONITORING WELL LOCATIONS AND ESTIMATED EXTENT OF GROUND-WATER CONTAMINATION

FIGURE 5

S:\PROJ\CSY\11091162\DRAWINGS\052201-4B.DWG



CROSS SECTION KEY

LEGEND

0/<25 PID/BENZENE RESULT
PID = PHOTOIONIZATION DETECTOR READING MEASURED IN INSTRUMENT UNITS AS ISOBUTYLENE (iui)
BENZENE = BENZENE CONCENTRATION MEASURED IN MICROGRAMS PER KILOGRAM (µg/kg)
NA = NOT ANALYZED
NS = NOT SAMPLED
GE = GROUND ELEVATION (IN FEET)
RE = RISER ELEVATION (IN FEET)
WE = GROUND WATER ELEVATION (IN FEET)
WATER TABLE
SP = POORLY GRADED SANDS
ASPHALT
SAND FILL
CL–ML = SILTY CLAY
GRAVEL
ML = SILT

NOTE:
*WATER MEASUREMENTS TAKEN 1/11/02 FROM MONITORING WELLS, 3/26/02 FROM PIEZOMETERS
*ELEVATIONS REFERENCED TO MEAN SEA LEVEL
*COLUMN WIDTHS ARE NOT TO SCALE
*SOIL BORING ELEVATIONS ARE INFERRED

S:\PROJ\CSY\11091162\DRAWINGS\040102-6.DWG

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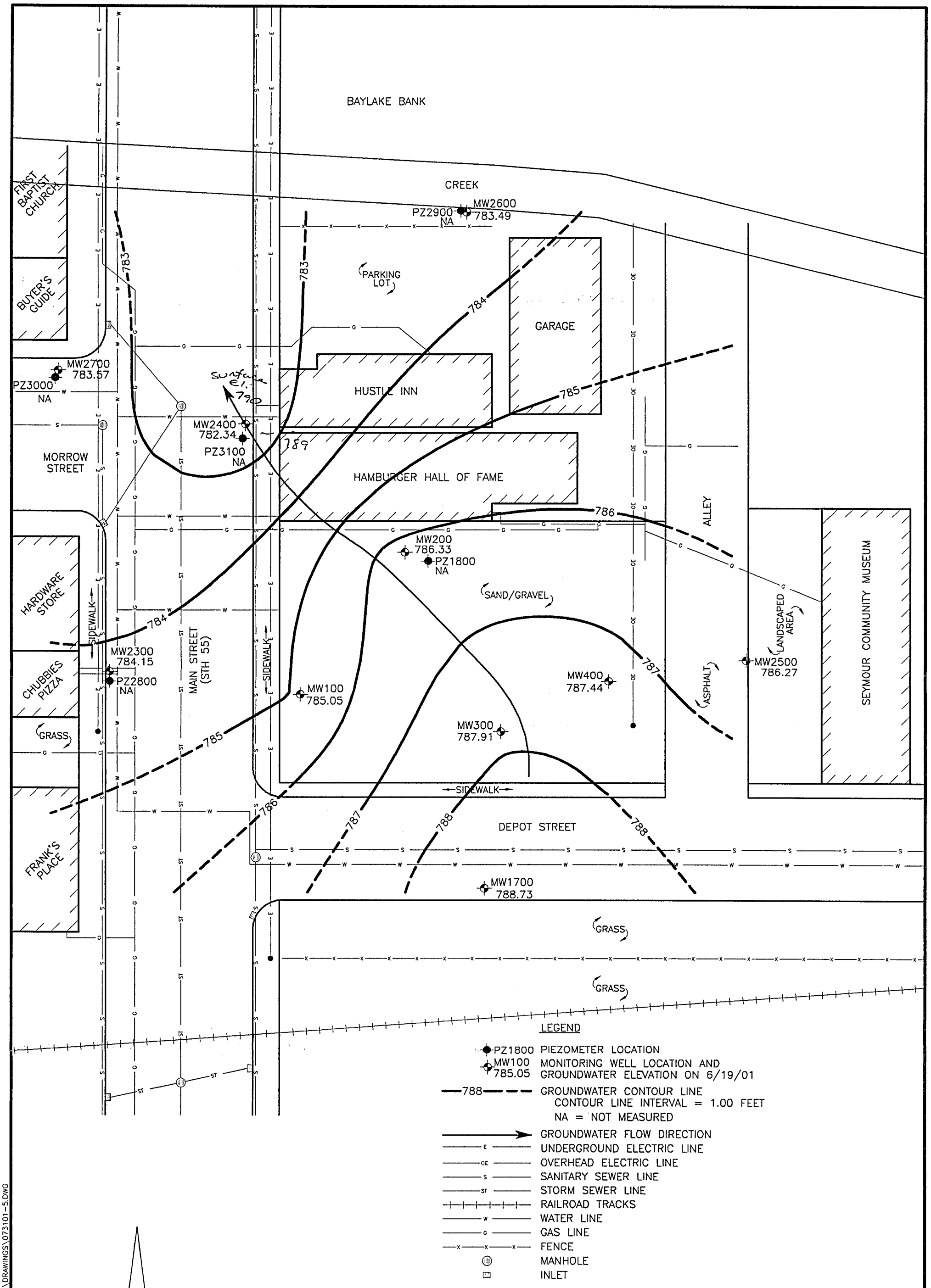
GEOLOGIC CROSS SECTION A–A'

FIGURE 6



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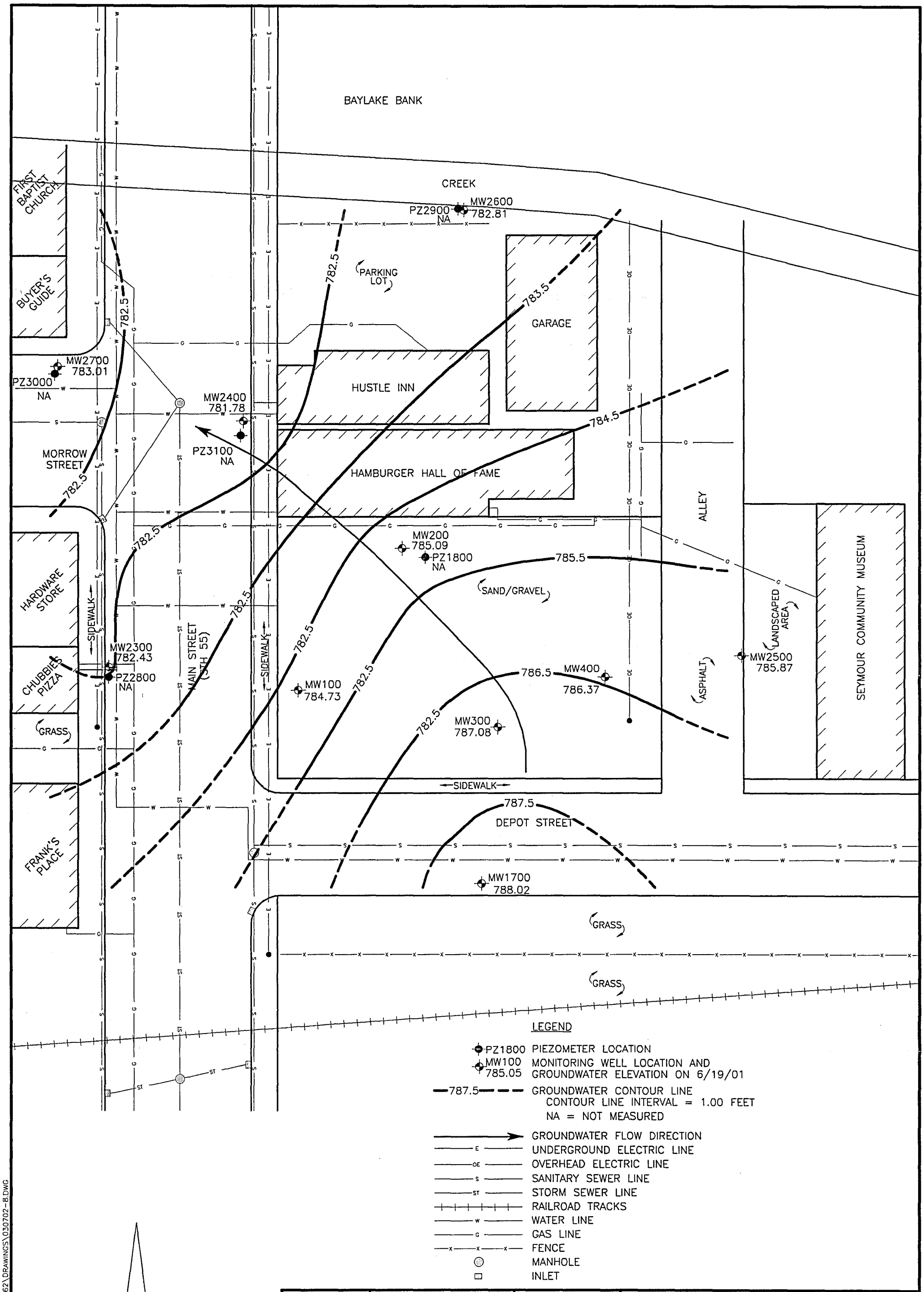
GROUNDWATER ELEVATION CONTOUR MAP (6/19/01)

S:\PROJ\CSY\11091162\DRAWINGS\073101-5.DWG

FIGURE 7



LEGEND

- PZ1800 — PIEZOMETER LOCATION
- MW100 785.05 — MONITORING WELL LOCATION AND GROUNDWATER ELEVATION ON 6/19/01
- 787.5 — GROUNDWATER CONTOUR LINE
  CONTOUR LINE INTERVAL = 1.00 FEET
  NA = NOT MEASURED
- GROUNDWATER FLOW DIRECTION
- UNDERGROUND ELECTRIC LINE
- OVERHEAD ELECTRIC LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- RAILROAD TRACKS
- WATER LINE
- GAS LINE
- FENCE
- MANHOLE
- INLET

N

SCALE IN FEET

15 0 15 30

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GROUNDWATER ELEVATION CONTOUR MAP (2/27/02)

S:\PROJ\CSY\11091162\DRAWINGS\030702-8.DWG

FIGURE 8

Table 1 Soil Field Screening Results, UST Closure Assessment, Former Deering Property, Seymour, Wisconsin

Sample Number	Depth (feet)	Sample Odor	Sample Description	Date Collected	PID Headspace Analysis		
					Time Collected	Time Analyzed	PID Response (iui)
S1	12	Strong gasoline	Sand, saturated	01/10/01	11:00	11:55	309
S2*	4	None	Sand	01/10/01	11:05	11:55	5
S3*	3	None	Silty Clay	01/10/01	11:50	13:00	0
S4	6	None	Silty Clay	01/10/01	11:52	13:01	0
S5	12	Gasoline	Sand, saturated	01/10/01	11:55	13:02	100
S6*	8.5	None	Sand	01/10/01	13:50	14:40	1
S7*	8.5	None	Sand	01/10/01	13:53	14:40	1
S8*	3	Gasoline	Silty Clay	01/10/01	14:20	15:00	124
S9	6	Gasoline	Silty Clay	01/10/01	14:21	15:00	268
S10	12	Gasoline	Sand	01/10/01	15:20	15:30	81
S11*	6	Gasoline	Silty Clay	01/10/01	15:21	15:30	176
S12	4	None	Silty Clay	01/11/01	10:30	11:42	6
S13*	3.5	Waste Oil	Silty Clay	01/11/01	10:40	11:45	18
S14	7	Waste Oil	Silty Clay	01/11/01	10:50	11:47	38
S15*	2	Fuel Oil	Silty Clay	01/11/01	10:55	12:30	106
S16*	8	Waste Oil	Silty Clay, saturated	01/11/01	11:30	12:50	80
S17*	8	Fuel Oil	Silty Clay	01/11/01	11:50	13:15	84
S18*	5	Kerosene	Silty Clay	01/11/01	12:00	13:15	425
S19	5	Strong gasoline	Silty Clay	01/15/01	12:00	12:40	422
S20*	2.5	Strong gasoline	Sand and Gravel Fill	01/15/01	12:05	12:40	434
S21*	2.5	Gasoline	Sand and Gravel Fill	01/15/01	15:00	15:00	96
S22	4.5	Strong gasoline	Silty Clay	01/15/01	15:15	15:15	348
S23*	2.5	Strong gasoline	Sand and Gravel Fill	01/15/01	15:16	15:16	420

KEY:
PID = Photoionization Detector
iui = instrument units as isobutylene
* = Submitted for laboratory analysis

Table 2 Soil Analytical Results, UST Closure Assessment, Former Deering Property, Seymour, WI

Sample Number	Sample Depth (feet)	Date Sampled	DRO (mg/kg)	GRO (mg/kg)	Lead (mg/kg)	Lube Oil (mg/kg)	PCBs (µg/kg)	Relevant and Significant Analytical Results (µg/kg)												
								Benzene	n-Butylbenzene	sec-Butylbenzene	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Naphthalene	n-Propylbenzene	Toluene	1,2,4-Trimethylbenzenes	1,3,5-Trimethylbenzene	Xylenes
WAC Residual Contaminant Level			250	250	50	NE	NE	5.5	NE	NE	2900	NE	NE	NE	NE	1500	NE	NE	4100
NR 746.06 Table 1 Values								8500	NE	NE	4600	NE	NE	2700	NE	38000	83000	11000	42000
NR 746.06 Table 2 Values								1100	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
S2	4	01/10/01	---	< 10	< 6	---	---	< 25	---	---	< 25	---	---	---	---	< 25	43	< 25	< 75
S3	3	01/10/01	---	< 10	6.8 J	---	---	< 25	---	---	< 25	---	---	---	---	< 25	< 25	< 25	< 75
S6	8.5	01/10/01	**290**	---	---	550	---	---	---	---	---	---	---	---	---	---	---	---	---
S7	8.5	01/10/01	47	---	---	120	---	---	---	---	---	---	---	---	---	---	---	---	---
S8	3	01/10/01	---	< 10	**120**	---	---	< 25	---	---	< 25	---	---	---	---	< 25	32	< 25	< 75
S11	6	01/10/01	---	13	< 6	---	---	< 25	---	---	130	---	---	---	---	< 25	3300	1000	140
S13	3.5	01/11/01	16	---	6.5 J	---	< 3.2	< 25	56	< 25	---	< 25	< 25	< 25	< 25	< 25	188	---	460
S15	2	01/11/01	**9300**	190	---	---	---	< 250	---	---	1300	---	---	---	---	**1900**	21000	7800	**19600**
S16	8	01/11/01	230	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S17	8	01/11/01	< 10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S18	5	01/11/01	---	---	---	---	---	< 250	120000	11000	**57000** [1]	11000	4900	23000 [1]	41000	**10000**	240000 [1]	100000 [1]	**460000** [1]
S20	2.5	01/15/01	---	**11000**	**166**	---	---	< 5000	---	---	**12000** [1]	---	---	---	---	< 5000	770000 [1]	400000 [1]	**500000** [1]
S21	2.5	01/15/01	---	<10	22	---	---	< 25	---	---	25	---	---	---	---	55	150	65	270
S23	2.5	01/15/01	---	**280**	**426**	---	---	< 1250	---	---	**11000** [1]	---	---	---	---	**5400**	240000 [1]	130000 [1]	**230000** [1]

Key:

DRO = Diesel Range Organics
GRO = Gasoline Range Organics
mg/kg = milligrams per kilogram
µg/kg = micrograms per kilogram
--- = Not Analyzed
NE = Not Established by Wisconsin Administrative Code (WAC)
J = Value in between Limit of Detection and Limit of Quantification
RCL = Residual Contaminant Level
120 = Residual Contaminant Level Exceeded
xxx 1 = Table 1 Value Exceeded

Table 3 Water Level Data, Former Deering Property, Seymour, Wisconsin

Well I.D.	Ground Surface Elevation (feet)	Riser Elevation (feet)	Date	Depth to Water (feet)		Water Table Elevation (feet)
				Below Riser	Below Grade	
MW100	790.07	789.62	05/08/01	4.02	4.47	785.6
			05/18/01	5.14	5.59	784.48
			06/19/01	4.57	5.02	785.05
			01/11/02	6.56	7.01	783.06
			02/27/02	4.89	5.34	784.73
MW200	790.1	789.79	05/08/01	4.93	5.24	784.86
			05/18/01	5.39	5.70	784.4
			06/19/01	3.46	3.77	786.33
			01/11/02	6.65	6.96	783.14
			02/27/02	4.7	5.01	785.09
MW300	790.35	789.86	05/08/01	2.21	2.70	787.65
			05/18/01	2.77	3.26	787.09
			06/19/01	1.95	2.44	787.91
			01/11/02	4.39	4.88	785.47
			02/27/02	2.78	3.27	787.08
MW400	790.45	789.8	05/08/01	2.85	3.50	786.95
			05/18/01	3.43	4.08	786.37
			06/19/01	2.36	3.01	787.44
			01/11/02	5.03	5.68	784.77
			02/27/02	3.43	4.08	786.37
MW1700	790.66	790.13	05/08/01	1.8	2.33	788.33
			05/18/01	2.68	3.21	787.45
			06/19/01	1.4	1.93	788.73
			01/11/02	5.11	5.64	785.02
			02/27/02	2.11	2.64	788.02
PZ1800	790.06	789.88	06/19/01	23.66	23.84	766.22
			06/26/01	24.11	24.29	765.77
			07/06/01	24.35	24.53	765.53
			08/01/01	26.59	26.77	763.29
			08/27/01	25.46	25.64	764.42
			09/13/01	25.91	26.09	763.97
			12/18/01	25.56	25.74	764.32
			12/26/01	25.73	25.91	764.15
			12/28/01	25.91	26.09	763.97
			01/04/02	20.57	20.75	769.31
			01/11/02	25.55	25.73	764.33
			02/27/02	25.12	25.30	764.76
			03/04/02	25.23	25.41	764.65
			03/26/02	24.74	24.92	765.14
MW2300	790.28	789.64	06/19/01	5.49	6.13	784.15
			01/11/02	7.42	8.06	782.22
			02/27/02	7.21	7.85	782.43
MW2400	789.33	788.83	06/19/01	6.49	6.99	782.34
			01/11/02	7.39	7.89	781.44
			02/27/02	7.05	7.55	781.78

Table 3 Water Level Data, Former Deering Property, Seymour, Wisconsin

Well I.D.	Ground Surface Elevation (feet)	Riser Elevation (feet)	Date	Depth to Water (feet)		Water Table Elevation (feet)
				Below Riser	Below Grade	
MW2500	790.51	789.99	06/19/01	3.7	4.22	786.29
			01/11/02	5.69	6.21	784.3
			02/27/02	4.12	4.64	785.87
MW2600	789.17	788.79	06/19/01	5.3	5.68	783.49
			01/11/02	6.57	6.95	782.22
			02/27/02	5.98	6.36	782.81
MW2700	788.89	788.55	06/19/01	4.98	5.32	783.57
			01/11/02	6.54	6.88	782.01
			02/27/02	5.54	5.88	783.01
PZ2800	790.2	789.69	02/27/02	24.65	25.16	765.04
			03/04/02	26.18	26.69	763.51
			03/22/02	24.85	25.36	764.84
			03/26/02	24.43	24.94	765.26
PZ2900	789.16	788.8	02/27/02	31.33	31.69	757.47
			03/04/02	27.49	27.85	761.31
			03/22/02	17.59	17.95	771.21
			03/26/02	20.71	21.07	768.09
PZ3000	789.04	788.52	02/27/02	29.28	29.80	759.24
			03/04/02	18.72	19.24	769.8
			03/22/02	14.86	15.38	773.66
			03/26/02	14.02	14.54	774.5
PZ3100	789.4	789.02	02/27/02	24.32	24.70	764.7
			03/04/02	24.46	24.84	764.56
			03/22/02	23.96	24.34	765.06
			03/26/02	24.02	24.40	765

Table 4 Soil Field Screening Results, Former Deering Property, Seymour, WI

Boring Number	Sample Number	Sample Depth (feet)	Sample Odor Petroleum	Sample Description	Date Collected	PID Headspace Analysis		
						Time Collected	Time Analyzed	PID Response (IUI)
B100	*S101	2.5 - 4.5	Strong	Silty Clay	05/01/01	855	937	553
	S102	5 - 7	Strong	Silty Clay	05/01/01	857	936	396
	S103	7.5 - 9.5	Strong	Silty Clay	05/01/01	902	935	238
	S104	10 - 12	Moderate	Silty Clay	05/01/01	908	934	50
	S105	12.5 - 14.5	Strong	Silty Clay	05/01/01	933	933	349
B200	*S201	2.5 - 4.5	Slight	Silty Clay	05/01/01	957	1055	39
	S202	5 - 7	Strong	Sand	05/01/01	1000	1054	451
	S203	7.5 - 9.5	Strong	Silty Clay	05/01/01	1005	1054	148
	S204	10 - 12	Strong	Silty Clay	05/01/01	1013	1053	131
	S205	12.5 - 14.5	Slight	Silty Clay	05/01/01	1020	1052	18
B300	S301	7.5 - 9.5	Strong	Sand Backfill, saturated	05/01/01	1106	1136	245
	S302	10 - 12	Strong	Sand Backfill, saturated	05/01/01	1109	1137	345
	S303	12.5 - 14.5	Slight	Sand and Silty Clay	05/01/01	1115	1137	56
B400	*S401	2.5 - 4.5	None	Silty Clay	05/01/01	1215	1256	11
	S402	5 - 7	None	No Recovery	05/01/01	---	---	---
	S403	7.5 - 9.5	None	Silty Clay	05/01/01	1225	1256	18
	S404	10 - 12	None	Silty Clay	05/01/01	1232	1257	10
	S405	12.5 - 14.5	None	Silty Clay	05/01/01	1238	1258	11
B500	*S501	0 - 2	Slight	Sand & Gravel	05/01/01	1325	1356	9
	S502	2.5 - 4.5	Slight	Silty Clay	05/01/01	1329	1357	8
	S503	5 - 7	Slight	Silty Clay	05/01/01	1335	1357	20
	S504	7.5 - 9.5	Slight	Silty Clay	05/01/01	1338	1358	35
B600	S601	0 - 2	None	Sandy Silt	05/01/01	1400	1420	11
	*S602	2.5 - 4.5	None	Sandy Silt	05/01/01	1405	1421	4
	S603	5 - 7	None	Sandy Silt	05/01/01	1407	1422	7
	S604	7.5 - 9.5	None	Sandy Silt	05/01/01	1410	1422	9

Table 4 Soil Field Screening Results, Former Deering Property, Seymour, WI

Boring Number	Sample Number	Sample Depth (feet)	Sample Odor Petroleum	Sample Description	Date Collected	PID Headspace Analysis		
						Time Collected	Time Analyzed	PID Response (IUI)
B700	S701	0 - 2	Strong	Sand & Gravel Fill	05/01/01	1455	1521	225
	*S702	2.5 - 4.5	Strong	Sand	05/01/01	1500	1522	270
	S703	5 - 7	Strong	Sand	05/01/01	1505	1523	348
	S704	7.5 - 9.5	Strong	Silty Clay	05/01/01	1510	1526	420
B800	S801	0 - 2	Strong	Silty Clay	05/01/01	1522	1600	225
	*S802	2.5 - 4.5	Strong	Silty Clay	05/01/01	1528	1601	328
	S803	5 - 7	Strong	Silty Clay	05/01/01	1535	1602	168
	S804	7.5 - 9.5	Strong	Silty Clay	05/01/01	1542	1603	322
B900	S901	0 - 2	Moderate	Sand Fill	05/02/01	819	904	75
	*S902	2.5 - 4.5	Strong	Gravel & Silty Clay	05/02/01	822	905	349
	S903	5 - 7	Strong	Silty Clay, Moist at 7'	05/02/01	827	905	378
	S904	7.5 - 9.5	Strong	Silty Clay, saturated at 7.5'	05/02/01	833	906	343
B1000	S1001	0 - 2	Strong	Sand Fill	05/02/01	846	909	425
	*S1002	2.5 - 4.5	Strong	Silty Clay, saturated	05/02/01	849	910	470
	S1003	5 - 7	Strong	Silty Clay, saturated	05/02/01	853	927	554
	S1004	7.5 - 9.5	Strong	Silty Clay, saturated	05/02/01	900	928	414
B1100	S1101	0 - 2	Slight	Sand Fill	05/02/01	910	941	18
	*S1102	2.5 - 4.5	Slight	Silty Clay, saturated	05/02/01	915	942	59
	S1103	5 - 7	Strong	Silty Clay, saturated	05/02/01	919	950	349
	S1104	7.5 - 9.5	Strong	Silty Clay, saturated	05/02/01	924	951	357
B1200	*S1201	0 - 2	Slight	Sand Fill, Silty Clay	05/02/01	940	1011	21
	S1202	2.5 - 4.5	Slight	Rock, Wet	05/02/01	945	1015	27
	S1203	5 - 7	Slight	Silty Clay	05/02/01	953	1016	62
	S1204	7.5 - 9.5	Slight	Silty Clay	05/02/01	958	1017	26

Table 4 Soil Field Screening Results, Former Deering Property, Seymour, WI

Boring Number	Sample Number	Sample Depth (feet)	Sample Odor Petroleum	Sample Description	Date Collected	PID Headspace Analysis		
						Time Collected	Time Analyzed	PID Response (IUI)
B1300	*S1301	0 - 2	Strong	Sandy Silt	05/02/01	1030	1100	493
	S1302	2.5 - 4.5	Strong	Silty Clay	05/02/01	1037	1101	246
	S1303	5 - 7	Strong	Silty Clay	05/02/01	1043	1105	262
	S1304	7.5 - 9.5	Strong	Silty Clay, saturated	05/02/01	1049	1110	614
B1400	S1401	15 - 17	Moderate	Silty Clay	05/02/01	1123	1205	117
B1500	S1501	0 - 2	Slight	Sandy Silt	05/02/01	1212	1302	34
	*S1502	2.5 - 4.5	Slight	Sandy Silty and Silty Clay	05/02/01	1216	1303	42
	S1503	5 - 7	Strong	Silty Clay	05/02/01	1220	1304	365
	S1504	7.5 - 9.5	Strong	Silty Clay	05/02/01	1225	1305	407
B1600	*S1601	2.5 - 4.5	Slight	Silty Clay	05/02/01	1342	1406	29
	S1602	5 - 7	Slight	Silty Clay	05/02/01	1347	1407	26
	S1603	7.5 - 9.5	Moderate	Silty Clay	05/02/01	1358	1408	185
B1700	*S1701	2.5 - 4.5	None	Silty Clay	05/02/01	1416	1439	11
	S1702	5 - 7	None	Silt	05/02/01	1421	1441	9
	S1703	7.5 - 9.5	None	Silty Clay	05/02/01	1425	1445	5
	S1704	10 - 12	None	Silty Clay	05/02/01	1429	1445	14
	S1705	12.5 - 14.5	None	Silty Clay	05/02/01	1433	1446	12
B1800	S1801	15-17	None	Silty Clay	05/30/01	920	1004	6
	S1802	17.5-19.5	Strong	Silty Clay with Sand & Gravel	05/30/01	934	1005	62
	S1803	20-22	Slight	Silty Clay, Some Gravel	05/30/01	946	1005	10
	S1804	22.5-24.5	---	Rock	05/30/01	1000	---	---
	S1805	25-27	Slight	Silty Clay	05/30/01	1022	1125	77
	S1806	27.5-29-5	Slight	Silty Clay	05/30/01	1105	1126	48
B1900	*S1901	0-2	None	Sand/Gravel/Dark Organics/Topsoil	05/30/01	1235	1445	0
B2000	*S2001	0-2	None	Sand/Gravel/Dark Organics/Topsoil	05/30/01	1630	1701	0
B2100	*S2101	0-2	None	Sand/Gravel/Dark Organics/Topsoil	05/30/01	1700	1719	0

Table 4 Soil Field Screening Results, Former Deering Property, Seymour, WI

Boring Number	Sample Number	Sample Depth (feet)	Sample Odor Petroleum	Sample Description	Date Collected	PID Headspace Analysis		
						Time Collected	Time Analyzed	PID Response (IUI)
B2200	*S2201	2.5-4.5	None	Silty Clay	05/30/01	1320	1445	0
	S2202	5-7	None	Silty Clay	05/30/01	1340	1446	0
	S2203	7.5-9.5	None	Silty Clay	05/30/01	1350	1446	0
B2300	*S2301	2.5-4.5	None	Silty Clay	05/30/01	1440	1515	0
	S2302	7.5-9.5	None	Silty Clay	05/30/01	1450	1515	0
	S2303	10-12	None	Silty Clay	05/30/01	1500	1520	0
B2400	*S2401	2.5-4.5	None	Silty Clay	05/30/01	1633	1705	0
	S2402	5-7	None	Silty Clay, Some Sand	05/30/01	1640	1723	0
	S2403	7.5-9.5	None	Silt	05/30/01	1648	1723	0
	S2404	10-12	None	Silt, Sand	05/30/01	1657	1724	0
	S2405	12.5-14.5	None	Silty Clay	05/30/01	1705	1724	0
B2500	*S2501	2.5-4.5	None	Silt with Sand & Clay	05/31/01	810	852	0
	S2502	5-7	None	Silt, Some Clay	05/31/01	815	852	0
	S2503	7.5-9.5	None	Silty, Clay	05/31/01	822	853	0
	S2504	10-12	None	Silty Clay,Some Sand	05/31/01	830	853	0
	S2505	12.5-14.5	None	Silt, Some Gravel	05/31/01	843	854	0
B2600	*S2601	2.5-4.5	None	Gravel, Trace Sand	05/31/01	950	1030	0
	S2602	5-7	None	Silty Sand	05/31/01	958	1030	0
	S2603	7.5-9.5	None	Silty, Clay	05/31/01	1004	1031	0
	S2604	10-12	None	Silty, Clay	05/31/01	1016	1031	0
B2700	*S2701	2.5-4.5	None	Sand	05/31/01	1119	1150	0
	S2702	5-7	None	Sand, Silty Clay	05/31/01	1124	1150	0
	S2703	7.5-9.5	None	Silty Clay with Sand & Gravel	05/31/01	1128	1151	0
	S2704	10-12	None	Silty Clay	05/31/01	1132	1151	0
	S2705	12.5-14.5	None	Silty Clay	05/31/01	1140	1151	0
B2800	S2801	17.5-19.5	None	Silt Clay	02/20/02	915	1105	0
	S2802	22.5-24.5	None	Silty Clay	02/20/02	930	1105	3
	S2803	27.5-29.5	None	Silty Clay	02/20/02	950	1106	2
	S2804	32.5-34.5	None	Silty Clay	02/20/02	1003	1106	3

Table 4 Soil Field Screening Results, Former Deering Property, Seymour, WI

Boring Number	Sample Number	Sample Depth (feet)	Sample Odor Petroleum	Sample Description	Date Collected	PID Headspace Analysis		
						Time Collected	Time Analyzed	PID Response (IUI)
B2900	S2901	17.5-19.5	None	Silty Clay	02/20/02	1252	1345	3
	S2902	22.5-24.5	None	Silty Clay	02/20/02	1305	1345	2
	S2903	27.5-29.5	None	Silty Clay	02/20/02	1316	1346	3
	S2904	32.5-34.5	None	Silty Clay	02/20/02	1325	1346	3
B3000	S3001	17.5-19.5	None	Silty Clay	02/21/02	900	956	5
	S3002	22.5-24.5	None	No Recovery	02/21/02	---	---	---
	S3003	27.5-29.5	None	Silty Clay	02/21/02	925	957	4
	S3004	32.5-34.5	None	Silty Clay	02/21/02	933	957	4
B3100	S3101	17.5-19.5	None	Silty Clay	02/21/02	1134	1435	4
	S3102	22.5-24.5	None	Silt	02/21/02	1157	1435	4
	S3103	27.5-29.5	None	Sand	02/21/02	1208	1436	4
	S3104	32.5-34.5	None	Sand, some Gravel	02/21/02	1223	1436	4
	S3105	37.5-39.5	None	Sand and Gravel	02/21/02	1239	1437	4
	S3106	42.5-44.5	None	Gravel	02/21/01	1300	1437	4
	S3107	47.5-49.5	None	Sand	02/21/02	1330	1438	4

KEY:

PID = Photoionization Detector

IUI = Instrument units as isobutylene

* = Submitted for laboratory analysis

Table 5 Soil Laboratory Analytical Results, Former Deering Property, Seymour, WI

Boring Number	Sample Number	Sample Depth (feet)	Date Sampled	DRO (mg/kg)	GRO (mg/kg)	Lead (mg/kg)	Cadmium (mg/kg)	Relevant and Significant VOC Analytical Results (µg/kg)							
								Benzene	1,2-Dichloroethane	Ethylbenzene	MTBE	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes
WAC Residual Contaminant Level				250	250	50	50	5.5	4.9	2900	NE	1500	NE	NE	4100
NR 746.06 Table 1 Values								8500	NE	4600	NE	38000	83000	11000	42000
NR 746.06 Table 2 Values								1100	NE	NE	NE	NE	NE	NE	NE
B100	S101	2.5-4.5	05/01/01	---	3300	5.6		< 1800 (1020)	< 4800	88000 [1]	< 4800	37000	370000 [1]	160000 [1]	510000 [1]
B200	S201	2.5-4.5	05/01/01	< 1.8	15	8.2	---	< 25	< 25	< 25	< 25	< 25	150	310	41 J
B400	S401	2.5-4.5	05/01/01	< 1.7	< 1.3	7.5	---	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50
B500	S501	0-2	05/01/01	2.4	< 1.3	25.3	---	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50
B600	S602	2.5-4.5	05/01/01	---	< 1.4	3.2	---	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50
B700	S702	2.5-4.5	05/01/01	---	300	20.2	---	< 140	< 380	1800	< 380	< 260	9500	7700	7000
B800	S802	2.5-4.5	05/01/01	---	3300	6.6	---	1600 J [2]	< 1900	74000 [1]	< 1900	6800	110000 [1]	55000 [1]	195200 J [1]
B900	S902	2.5-4.5	05/01/01	---	1100	3.9	---	< 1800 (1330) [2]	< 4800	45000 [1]	< 4800	82000 [1]	98000 [1]	91000 [1]	223000 [1]
B1000	S1002	2.5-4.5	05/01/01	---	490	13.1	---	< 350	< 950	< 700	< 950	< 650	35000	30000 [1]	30000
B1100	S1102	2.5-4.5	05/01/01	---	13	71.7	---	30	< 25	290	< 25	78	2300	430	1010
B1200	S1201	0-2	05/01/01	---	< 1.3	19.2	---	< 25	< 25	< 25	< 25	< 25	< 25	< 25	30 J
B1300	S1301	0-2	05/01/01	---	6800	50.1	---	< 1800 (<60)	< 9500	19000 [1]	< 9500	< 6500	740000 [1]	340000 [1]	700000 [1]
B1500	S1502	2.5-4.5	05/01/01	---	21	5.8	---	< 25	< 25	100	< 25	34	1300	340	226
B1600	S1601	2.5-4.5	05/01/01	---	< 1.2	3.1	---	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50

Table 5 Soil Laboratory Analytical Results, Former Deering Property, Seymour, WI

Boring Number	Sample Number	Sample Depth (feet)	Date Sampled	DRO (mg/kg)	GRO (mg/kg)	Lead (mg/kg)	Cadmium (mg/kg)	Relevant and Significant VOC Analytical Results (µg/kg)							
								Benzene	1,2-Dichloroethane	Ethylbenzene	MTBE	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes
WAC Residual Contaminant Level				250	250	50	50	5.5	4.9	2900	NE	1500	NE	NE	4100
NR 746.06 Table 1 Values								8500	NE	4600	NE	38000	83000	11000	42000
NR 746.06 Table 2 Values								1100	NE	NE	NE	NE	NE	NE	NE
B1700	S1701	2.5-4.5	05/01/01	---	< 1.3	4.9	---	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50
B1900	S1901	0-2	05/30/01	---	---	---	---	---	---	---	---	---	---	---	---
B2000	S2001	0-2	05/30/01	---	---	36.8	0.39	---	---	---	---	---	---	---	---
B2100	S2101	0-2	05/30/01	---	---	---	---	---	---	---	---	---	---	---	---
B2200	S2201	2.5-4.5	05/30/01	---	---	---	---	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50
B2300	S2301	2.5-4.5	05/30/01	---	---	---	---	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50
B2400	S2401	2.5-4.5	05/30/01	---	---	---	---	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50
B2500	S2501	2.5-4.5	05/31/01	---	---	---	---	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50
B2600	S2601	2.5-4.5	05/31/01	---	---	---	---	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50
B2700	S2701	2.5-4.5	05/31/01	---	---	---	---	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50

Key:

WAC = Wisconsin Administrative Code
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
MTBE = Methyl-Tertiary-Butyl-Ether
mg/kg = milligrams per kilogram
µg/kg = micrograms per kilogram
--- = Not Analyzed
NE = Not Established by Wisconsin Administrative Code
J = Value in between Limit of Detection and Limit of Quantitation
120 = Residual Contaminant Level Exceeded
(1020) = Estimated benzene concentration from lower dilution factor
xxx 1 = Table 1 Values Exceeded
xxx 2 = Table 2 Values Exceeded

Table 5 Soil Laboratory Analytical Results, Former Deering Property, Seymour, WI

Boring Number	Sample Number	Sample Depth (feet)	Date Sampled	Relevant and Significant PAH Analytical Results (mg/kg)																
				2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(A)Anthracene	Benzo(A)Pyrene	Benzo(B)Fluoranthene	Benzo(K)Fluoranthene	Benzo(G,H,I)Perylene	Chrysene	Fluoranthene	Fluorene	Indeno(1,2,3-CD)Pyrene	Naphthalene	Phenanthrene	Pyrene	Dibenzo(a,h)anthracene
Suggested Generic RCLs - Ground-water Pathway				20	38	0.7	3000	17	48	360	870	6800	37	500	100	680	0.4	1.8	8700	38
Suggested Generic RCLs - Direct Contact Pathway for Non-Industrial Sites				600	900	18	5000	0.088	0.0088	0.088	0.88	1.8	8.8	600	600	0.088	20	18	500	0.0088
B100	S101	2.5-4.5	05/01/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B200	S201	2.5-4.5	05/01/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B400	S401	2.5-4.5	05/01/01	< 0.018	< 0.021	0.28	< 0.0031	0.0038	**0.019**	0.03	0.0029	0.014	< 0.0046	0.074	< 0.0097	0.02	< 0.018	0.0057	0.013	< 0.0048
B500	S501	0-2	05/01/01	3.1	2.5	0.7	0.11	**0.095**	**0.11**	**0.13**	0.051	0.1	0.27	0.71	3.4	**0.16**	< 0.018	0.21	0.25	**0.033**
B600	S602	2.5-4.5	05/01/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B700	S702	2.5-4.5	05/01/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B800	S802	2.5-4.5	05/01/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B900	S902	2.5-4.5	05/01/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B1000	S1002	2.5-4.5	05/01/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B1100	S1102	2.5-4.5	05/01/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B1200	S1201	0-2	05/01/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B1300	S1301	0-2	05/01/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B1500	S1502	2.5-4.5	05/01/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B1600	S1601	2.5-4.5	05/01/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 5 Soil Laboratory Analytical Results, Former Deering Property, Seymour, WI

Boring Number	Sample Number	Sample Depth (feet)	Date Sampled	Relevant and Significant PAH Analytical Results (mg/kg)																
				2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(A)Anthracene	Benzo(A)Pyrene	Benzo(B)Fluoranthene	Benzo(K)Fluoranthene	Benzo(G,H,I)Perylene	Chrysene	Fluoranthene	Fluorene	Indeno(1,2,3-CD)Pyrene	Naphthalene	Phenanthrene	Pyrene	Dibenzo(A,H)anthracene
Suggested Generic RCLs - Ground-water Pathway				20	38	0.7	3000	17	48	360	870	6800	37	500	100	680	0.4	1.8	8700	38
Suggested Generic RCLs - Direct Contact Pathway for Non-Industrial Sites				600	900	18	5000	0.088	0.0088	0.088	0.88	1.8	8.8	600	600	0.088	20	18	500	0.0088
B1700	S1701	2.5-4.5	05/01/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B1900	S1901	0-2	05/30/01	< 0.16	< 0.18	< 0.16	< 0.028	**0.16**	**0.27**	**0.31**	0.11	0.32	1.8	0.51	< 0.086	**0.24**	< 0.16	0.25	0.49	**0.21**
B2000	S2001	0-2	05/30/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B2100	S2101	0-2	05/30/01	0.46	1.1	< 0.080	< 0.014	**0.34**	**0.48**	**0.62**	0.22	0.54	0.5	1.1	< 0.043	**0.45**	< 0.080	0.51	0.92	**0.45**
B2200	S2201	2.5-4.5	05/30/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B2300	S2301	2.5-4.5	05/30/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B2400	S2401	2.5-4.5	05/30/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B2500	S2501	2.5-4.5	05/31/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B2600	S2601	2.5-4.5	05/31/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B2700	S2701	2.5-4.5	05/31/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Key:

PAH = Polynuclear Aromatic Hydrocarbons
mg/kg = milligrams per kilogram
--- = Not Analyzed
NE = Not Established by Wisconsin Administrative Code (WAC)
J = Value in between Limit of Detection and Limit of Quantitation
32 = Exceeds Suggested Generic RCL for Protection of Ground-water Quality
32 = Exceeds Suggested Generic RCL for Direct Contact Exposure

Table 6 Ground-Water Analytical Results, Former Deering Property, Seymour, WI

Well ID	Date Sampled	Relevant and Significant Analytical Results (µg/l) - VOCs														
		Lead	Benzene	n-Butylbenzene	sec-Butylbenzene	Dichlorodifluoromethane	Di-Isopropyl Ether	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	MTBE	Naphthalene	n-Propylbenzene	Toluene	Trimethylbenzenes	Xylenes
WAC PAL (µg/l)		1.5	0.5	NE	NE	200	NE	140	NE	NE	12	8	NE	200	96	1000
WAC ES (µg/l)		15	5	NE	NE	1000	NE	700	NE	NE	60	40	NE	1000	480	10000
MW100	05/08/01	< 1.4	9900	< 200	< 150	< 250	< 50	< 50	< 50	< 100	2900	< 350	< 150	940	< 250	420 J
	02/27/02	---	9800	---	---	---	---	2400	---	---	<200	<650	---	13000	2990 J	13500
MW200	05/08/01	7.0	160	220	< 15	< 25	< 5.0	920	140	26 J	< 55	390	340	< 5.0	3200	4140
	02/27/02	---	580	---	---	---	---	350	---	---	74 J	150 J	---	24 J	1570	1460
MW300	05/08/01	3.3 J	610	130	< 15	< 25	33	1500	49	< 10	< 55	390	130	90	1570	4030
	02/27/02	---	240	---	---	---	---	550	---	---	<20	<65	---	<20	534	590
MW400	05/08/01	< 1.4	9.2	9.3	1.6	1.6 J	< 0.10	33	16	0.55 J	< 1.1	30	33	4.0	198	285
	02/27/02	---	37	---	---	---	---	28	---	---	3.7 J	7.6 J	---	<2.0	237.1	290
MW1700	05/08/01	< 1.4	< 0.10	< 0.40	< 0.30	< 0.50	< 0.10	< 0.10	< 0.10	< 0.20	< 1.1	< 0.70	< 0.30	< 0.10	< 0.50	< 0.30
	02/27/02	---	<0.40	---	---	---	---	<0.40	---	---	<0.40	<1.3	---	<0.40	<0.90	<1.4
MW2300	06/05/01	< 1.4	< 0.10	< 0.40	< 0.30	< 0.50	< 0.10	< 0.10	< 0.10	< 0.20	< 1.1	< 0.70	< 0.30	< 0.10	< 0.50	< 0.30
	02/27/02	---	<0.40	---	---	---	---	<0.40	---	---	<0.40	<1.3	---	<0.40	<0.90	<1.4
MW2400	06/05/01	< 1.4	0.33	< 0.40	< 0.30	< 0.50	< 0.10	1.4	0.33 J	< 0.20	12	< 0.70	< 0.30	< 0.10	< 0.50	2.8
	02/27/02	---	<0.40	---	---	---	---	<0.40	---	---	6.2	<1.3	---	<0.40	<0.90	<1.4
MW2500	06/05/01	< 1.4	< 0.10	< 0.40	< 0.30	< 0.50	< 0.10	< 0.10	< 0.10	< 0.20	< 1.1	< 0.70	< 0.30	< 0.10	< 0.50	< 0.30
	02/27/02	---	<0.40	---	---	---	---	<0.40	---	---	<0.40	<1.3	---	<0.40	<0.90	<1.4

Table 6 Ground-Water Analytical Results, Former Deering Property, Seymour, WI

Well ID	Date Sampled	Relevant and Significant Analytical Results (µg/l) - VOCs														
		Lead	Benzene	n-Butylbenzene	sec-Butylbenzene	Dichlorodifluoromethane	Di-Isopropyl Ether	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	MTBE	Naphthalene	n-Propylbenzene	Toluene	Trimethylbenzenes	Xylenes
WAC PAL (µg/l)		1.5	0.5	NE	NE	200	NE	140	NE	NE	12	8	NE	200	96	1000
WAC ES (µg/l)		15	5	NE	NE	1000	NE	700	NE	NE	60	40	NE	1000	480	10000
MW2600	06/05/01	< 1.4	< 0.10	< 0.40	< 0.30	< 0.50	< 0.10	< 0.10	< 0.10	< 0.20	6.3	< 0.70	< 0.30	< 0.10	< 0.50	< 0.30
	02/27/02	---	<0.40	---	---	---	---	<0.40	---	---	4.6	<1.3	---	<0.40	<0.90	<1.4
MW2700	06/05/01	< 1.4	< 0.10	< 0.40	< 0.30	< 0.50	< 0.10	< 0.10	< 0.10	< 0.20	< 1.1	< 0.70	< 0.30	< 0.10	< 0.50	< 0.30
	02/27/02	---	<0.40	---	---	---	---	<0.40	---	---	<0.40	<1.3	---	<0.40	<0.90	<1.4
PZ1800	06/05/01	< 1.4	**2200**	< 40	< 30	< 50	< 10	24	< 10	< 20	**240 J**	< 70	< 30	27 J	330	2819 J
	01/26/02	---	**1400**	---	---	---	---	38 J	---	---	**290**	< 65	---	33 J	165 J	1300
	02/27/02	---	**1200**	---	---	---	---	<20	---	---	**160**	<65	---	<20	130	1100
PZ2800	03/04/02	---	< 0.10	< 0.40	< 0.30	< 0.50	< 0.10	< 0.10	< 0.10	< 0.20	< 1.1	< 0.70	< 0.30	< 0.10	< 0.50	< 0.30
PZ2900	03/04/02	---	< 0.10	< 0.40	< 0.30	< 0.50	< 0.10	< 0.10	< 0.10	< 0.20	< 1.1	< 0.70	< 0.30	< 0.10	< 0.50	< 0.30
PZ3000	03/04/02	---	< 0.10	< 0.40	< 0.30	< 0.50	< 0.10	< 0.10	< 0.10	< 0.20	< 1.1	< 0.70	< 0.30	< 0.10	< 0.50	< 0.30
PZ3100	02/27/02	---	<0.10	< 0.40	< 0.30	< 0.50	< 0.10	< 0.10	< 0.10	< 0.20	< 1.1	< 0.70	< 0.30	< 0.10	< 0.50	< 0.30

Key:

MTBE = Methyl-Tertiary-Butyl-Ether
µg/l = micrograms per liter
WAC = Wisconsin Administrative Code
PAL = Preventive Action Limit
ES = Enforcement Standard
NE = Not established by WAC
J = Analyte detected between Limit of Detection and Limit of Quantification
--- = Not analyzed
32 = WAC Preventive Action Limit Exceeded
32 = WAC Enforcement Standard Exceeded

Well ID	Date Sampled	Relevant and Significant Analytical Results (µg/l) - PAHs															
		Acenapthene	Acenapthylene	Benzo(A)Anthracene	Benzo(A)Pyrene	Benzo(B)Fluoranthene	Benzo(K)Fluoranthene	Benzo(G,H,I)Perylene	Chrysene	Fluoranthene	Fluorene	Indeno(1,2,3-CD)Pyrene	1-Methyl Naphthalene	2-Methyl Naphthalene	Naphthalene	Phenanthrene	Pyrene
WAC PAL (µg/l)		NE	NE	NE	0.02	0.02	NE	NE	0.02	80	80	NE	NE	NE	8	NE	50
WAC ES (µg/l)		NE	NE	NE	0.2	0.2	NE	NE	0.2	400	400	NE	NE	NE	40	NE	250
MW100	05/08/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/27/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW200	05/08/01	< 0.98	110	< 0.015	0.098 J	< 0.027	< 0.026	0.41	< 0.15	0.3	3.9	0.34	51	130	320	0.61 J	< 0.19
	02/27/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW300	05/08/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/27/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW400	05/08/01	2.9	8.6	0.029	0.045	0.051	0.023	0.066	0.068 J	0.11	0.32	0.083	3.9	2.4	14	0.17	0.11 J
	02/27/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW1700	05/08/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/27/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW2300	06/05/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/27/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW2400	06/05/01	< 0.19	0.41 J	< 0.0030	< 0.0064	< 0.0052	< 0.0051	< 0.017	< 0.030	< 0.0086	< 0.091	< 0.017	< 0.19	< 0.20	< 0.21	< 0.036	< 0.036
	02/27/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW2500	06/05/01	< 0.19	< 0.21	< 0.0030	< 0.0064	< 0.0052	< 0.0051	< 0.017	< 0.030	< 0.0086	< 0.091	< 0.017	< 0.19	< 0.20	< 0.21	< 0.036	< 0.036
	02/27/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 6 Ground-Water Analytical Results, Former Deering Property, Seymour, WI

Well ID	Date Sampled	Relevant and Significant Analytical Results (µg/l) - PAHs															
		Acenapthene	Acenapthylene	Benzo(A)Anthracene	Benzo(A)Pyrene	Benzo(B)Fluoranthene	Benzo(K)Fluoranthene	Benzo(G,H,I)Perylene	Chrysene	Fluoranthene	Fluorene	Indeno(1,2,3-CD)Pyrene	1-Methyl Naphthalene	2-Methyl Naphthalene	Naphthalene	Phenanthrene	Pyrene
WAC PAL (µg/l)		NE	NE	NE	0.02	0.02	NE	NE	0.02	80	80	NE	NE	NE	8	NE	50
WAC ES (µg/l)		NE	NE	NE	0.2	0.2	NE	NE	0.2	400	400	NE	NE	NE	40	NE	250
MW2600	06/05/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/27/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW2700	06/05/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/27/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PZ1800	06/05/01	< 0.19	7.4	< 0.0030	< 0.0064	< 0.0052	< 0.0051	< 0.017	< 0.030	< 0.0086	< 0.91	< 0.17	9.6	4.8	25	< .036	< .036
	01/26/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/27/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PZ2800	03/04/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PZ2900	03/04/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PZ3000	03/04/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PZ3100	02/27/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Key:

MTBE	= Methyl-Tertiary-Butyl-Ether
µg/l	= micrograms per liter
WAC	= Wisconsin Administrative Code
PAL	= Preventive Action Limit
ES	= Enforcement Standard
NE	= Not established by WAC
J	= Analyte detected between Limit of Detection and Limit of Quantification
---	= Not analyzed
32	= WAC Preventive Action Limit Exceeded
32	= WAC Enforcement Standard Exceeded

Table 7 Inorganic Ground-Water Quality Data, Former Deering Property, Seymour, Wisconsin

Well Number	Sample Date	Temperature (° F)	pH (su)	Conductivity (µmho/cm)	O.R.P. (mV)	D.O. (mg/l)
MW100	02/27/02	46.4	7.06	610	-30	1.05
MW200	02/27/02	47.48	7.03	620	-20	0.81
MW300	02/27/02	47.3	7.14	550	55	1.05
MW400	02/27/02	45.68	6.89	650	130	0.99
MW1700	02/27/02	43.16	7.24	830	180	1.67
MW2300	02/27/02	48.74	7.39	710	115	0.97
MW2400	02/27/02	47.3	6.90	1020	115	1.04
MW2500	02/27/02	43.88	6.82	1060	195	1.06
MW2600	02/27/02	43.34	7.12	680	180	1.06
MW2700	02/27/02	44.06	7.23	1660	190	7.06
PZ1800	02/27/02	---	7.37	530	-20	---
PZ3100	02/27/02	---	8.44	320	-75	---

Note:

D.O. = dissolved oxygen

O.R.P. = oxygen-reduction potential

--- = Not analyzed

mg/l = milligrams per liter

su = standard units

µMho/cm = microMhos per centimeter

mV = millivolts

APPENDIX A

PROJECT CONTACTS

PROJECT CONTACTS

Site Owner/Contact:	Mr. Michael Pepin Director of Public Works City of Seymour 445 Municipal Drive Seymour, Wisconsin 54165 (920) 833-2602
Project Consultant:	Northern Environmental Technologies, Incorporated 954 Circle Drive Green Bay, Wisconsin 54304 (920) 592-8400
Drilling Contractor:	Environmental Drilling Services Inc. 3671 Monroe Road De Pere, Wisconsin 54115 (920) 337-9600
Laboratories:	CT Laboratories (former Commonwealth Technologies, Inc.) 1230 Lange Court Baraboo, Wisconsin 53913 (608) 356-2760

APPENDIX B

SOIL INVESTIGATION

APPENDIX B1

WDNR SOIL BORING LOGS
(FORM 4400-122)

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B100

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	5/1/2001	5/1/2001	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
PI0802		MW100	Feet MSL	790.1 Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18
Lat 44° 30' 48.0"
Long 88° 19' 49.0"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1	SAND FILL.										
			2											
S101 SS	24 24	2 3 3 3	3	SILTY CLAY, medium plasticity, trace gravel, some sand from (10 to 14) feet, dark brown (7.5YR 3/4) from (2.5 to 5) feet, brown (7.5YR 4/3) from (5 to 14.5), petroleum odor, moist at 7.5 feet, soft. (CL-ML, Middle Inlet Member of the Kewaunee Formation)				553						
			4											
S102 SS	24 24	4 5 5 6	5					396						
			6											
			7		CL-ML									
S103 SS	24 24	4 5 5 5	8					238						
			9											
S104 SS	24 24	3 4 4 5	10					50						
			11											
			12											

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

Signature	Firm	Tel: (920) 592-8400
D L LaPlant	Northern Environmental 954 Circle Drive Green Bay, WI 54304	Fax: (920) 592-8444

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number B100 Use only as an attachment to Form 4400-122.

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
S105 SS	24 24	4 4 4 5	13 14		CL-ML			349						
				End of Boring at 14.5 Feet.										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B200

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	5/1/2001	5/1/2001	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
PI0801		MW200	Feet MSL	790.1 Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18
Lat 44° 30' 48.0" Long 88° 19' 49.0"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1	SAND FILL.										
			2											
S201 SS	24 18	3 2 2 1	3	SILTY CLAY, medium plasticity, black petroleum staining, old petroleum odor, moist. (CL-ML, Middle Inlet Member of the Kewaunee Formation)	CL-ML			39						
			4											
S202 SS	24 12	2 2 1 2	5	SAND, poorly graded, medium grained, some fine, black petroleum staining, strong petroleum odor, moist. (SP, Middle Inlet Member of the Kewaunee Formation)	SP			451						
			6											
			7											
S203 SS	24 20	2 3 2 3	8	SILTY CLAY, medium plasticity, trace gravel from (12.5 to 14.5) feet, brown (7.5YR 5/3), slight petroleum odor, saturated, soft from (7.5 to 12.5) feet, hard from (12.5 to 14.5) feet. (CL-ML, Middle Inlet Member of the Kewaunee Formation)	CL-ML			148						
			9											
S204 SS	24 20	3 3 4 5	10					131						
			11											
			12											

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

Signature	Firm	Tel: (920) 592-8400
Dale LaPlant	Northern Environmental 954 Circle Drive Green Bay, WI 54304	Fax: (920) 592-8444

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number B200 Use only as an attachment to Form 4400-122. Page 2 of 2

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S205 SS	24 20	4 4 5 5	13 14		CL-ML			18						
				End of Boring at 14.5 Feet.										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B300

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	5/1/2001	5/1/2001	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
PI0803		MW300	Feet MSL	790.4 Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18
Lat 44° 30' 48.0" Long 88° 19' 49.0"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1	Blind drill to 7.5 feet. Lithology assumed to be SAND FILL, former UST bed.										
			2											
			3											
			4											
			5											
			6											
			7											
S303 SS	24 12	1 0 1 1	8	SAND FILL, dark petroleum staining near 12 feet, saturated at 8 feet, petroleum odor.				245						
			9											
S304 SS	24 12	1 1 1 1	10					345						
			11											
			12											

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

Signature	Firm	Tel: (920) 592-8400
Ted LaPlant	Northern Environmental 954 Circle Drive Green Bay, WI 54304	Fax: (920) 592-8444

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number B300 Use only as an attachment to Form 4400-122.

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S305 SS	24 18	4 5 6 6	13 14	SILTY CLAY, medium plasticity, brown (7.5YR 4/3), slight petroleum odor, saturated. (CL-ML, Middle Inlet Member of the Kewaunee Formation)	CL-ML			56						
				End of Boring at 14.5 Feet.										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B400

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	5/1/2001	5/1/2001	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
PI0804		MW400	Feet MSL	790.5 Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18
Lat 44° 30' 48.0"
Long 88° 19' 49.0"
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1	TOPSOIL.										
S401 SS	24 24	1 1 2 2	2 3 4	SILTY CLAY, some sand from (2.5 to 4.5) feet, some gravel from (1 to 12.5) feet, brown (7.5YR 4/4) from (1 to 12.5) feet, dark brown (7.5YR 3/3) from (12.5 to 14.5) feet, saturated at 10 feet, soft. (CL-ML, Middle Inlet Member of the Kewaunee Formation)				11						
S402 SS	24 0	1 1 1 2	5 6 7		CL-ML			---						
S403 SS	24 24	4 5 6 6	8 9					18						
S404 SS	24 14	4 5 5 6	10 11 12					10						

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

Signature	Firm	Tel: (920) 592-8400
	Northern Environmental 954 Circle Drive Green Bay, WI 54304	Fax: (920) 592-8444

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number B400 Use only as an attachment to Form 4400-122.

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
S405 SS	24 12	5 6 6 7	13 14		CL-MI			11						
				End of Boring at 14.5 Feet.										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B500

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	5/1/2001	5/1/2001	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18
Lat 44° 30' 48.0"
Long 88° 19' 49.0"
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S501 SS	24 6	2 2 2 3	1 2	SAND and GRAVEL FILL with red brick and concrete.				9						
S502 SS	24 8	2 1 2 2	3 4	SILTY CLAY, medium plasticity, trace gravel and concrete, dark brown (7.5YR 3/4) from (2.5 to 7.5) feet, brown (7.5YR 4/3) from (7.5 to 9.5) feet, fuel oil odor, moist at 7.5 feet, soft to firm. (CL-ML, Middle Inlet Member of the Kewaunee Formation)				8						
S503 SS	24 3	2 1 2 2	5 6 7		CL-ML			20						
S504 SS	24 24	2 3 3 4	8 9					35						
				End of Boring at 9.5 Feet.										

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

Signature	Firm	Tel: (920) 592-8400
N L LaPlant	Northern Environmental 954 Circle Drive Green Bay, WI 54304	Fax: (920) 592-8444

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B600

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	5/1/2001	5/1/2001	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18
Lat 44° 30' 48.0"
Long 88° 19' 49.0"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S601 SS	24 4	6 5 4 3	1 2	SANDY SILT, some clay and gravel from (5 to 9.5) feet, dark brown (7.5YR 3/2) from (0 to 2) feet, brown (7.5YR 4/3) from (2 to 9.5) feet, no odor, saturated at 4 feet. (ML, Middle Inlet Member of the Kewaunee Formation)	ML			11						
S602 SS	24 12	1 2 2 1	3 4					4						
S603 SS	24 20	1 2 2 3	5 6 7					7						
S604 SS	24 6	5 6 8 12	8 9					9						
				End of Boring at 9.5 Feet.										

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

Signature [signature] Firm Northern Environmental
954 Circle Drive Green Bay, WI 54304
Tel: (920) 592-8400
Fax: (920) 592-8444

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B700

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	5/1/2001	5/1/2001	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18
Lat 44° 30' 48.0" Long 88° 19' 49.0"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S701 SS	24 3	3 3 4 5	1 2	SAND and GRAVEL FILL.				225						
S702 SS	24 4	2 1 2 2	3 4					270						
S703 SS	24 3	2 3 3 4	5 6 7					348						
S704 SS	24 10	3 4 4 5	8 9	SILTY CLAY, medium plasticity, some gravel, brown (7.5YR 4/3), strong petroleum odor, moist at 5 feet becoming saturated, soft. (CL-ML, Middle Inlet Member of the Kewaunee Formation)	CL-ML			420						
				End of Boring at 9.5 Feet.										

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

Signature	Firm	Tel: (920) 592-8400
N Z LaPlant	Northern Environmental 954 Circle Drive Green Bay, WI 54304	Fax: (920) 592-8444

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B800

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	5/1/2001	5/1/2001	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18
Lat 44° 30' 48.0"
Long 88° 19' 49.0"
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S801 SS	24 12	1 1 3 3	1 2	SAND and GRAVEL FILL, dark petroleum staining and odor at 1.5 feet.				225						
S802 SS	24 18	3 4 5 5	3 4	SILTY CLAY, medium plasticity, some sand from (2.5 to 7.5) feet, some gravel from (6 to 9.5) feet, brown (7.5YR 5/3), petroleum odor, moist, firm. (CL-ML, Middle Inlet Member of the Kewaunee Formation)				328						
S803 SS	24 16	4 5 6 8	5 6 7		CL-ML			168						
S804 SS	24 24	4 5 5 6	8 9					322						
				End of Boring at 9.5 Feet.										

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

Signature: N. LaPlant

Firm: Northern Environmental
954 Circle Drive Green Bay, WI 54304

Tel: (920) 592-8400
Fax: (920) 592-8444

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B900

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	5/1/2001	5/1/2001	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18
Lat 44° 30' 48.0" Long 88° 19' 49.0"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S901 SS	24 3	2 2 3 4	1	SAND FILL, petroleum odor.				75						
S902 SS	24 14	4 4 4 4	3	GRAVEL, poorly graded, dark petroleum staining, strong petroleum odor. (GP, Middle Inlet Member of the Kewaunee Formation)	GP			349						
			4	SILTY CLAY, medium plasticity, some gravel, brown (7.5YR 4/3), strong petroleum odor, moist at 7 feet becoming saturated. (CL-ML, Middle Inlet Member of the Kewaunee Formation)										
S903 SS	24 18	4 4 5 6	5 6		CL-ML			378						
S904 SS	24 24	5 5 6 7	8					343						
			9	End of Boring at 9.5 Feet.										

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

Signature	Firm	Tel: (920) 592-8400
N K LaPlant	Northern Environmental 954 Circle Drive Green Bay, WI 54304	Fax: (920) 592-8444

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B1000

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	5/2/2001	5/2/2001	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18
Lat 44° 30' 48.0"
Long 88° 19' 49.0"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S100 SS	24 10	3 3 2 3	1	SAND FILL, wood chips near 4 feet, petroleum odor.				425						
			2											
S100 SS	24 24	4 4 4 5	3					70						
			4	GRAVEL, poorly graded. (GP, Middle Inlet of the Kewaunee Formation)	GP									
S100 SS	24 6	5 7 18 9	5 6	SILTY CLAY, medium plasticity, some gravel, wood chips near 6.5 feet, some sand from (7.5 to 8) feet, brown (7.5YR 4/3) petroleum odor, saturated at 4 feet, soft. (CL-ML, Middle Inlet Member of the Kewaunee Formation)				554						
			7		CL-ML									
S100 SS	24 24	4 4 4 5	8					414						
			9											
				End of Boring at 9.5 Feet.										

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

Signature	Firm	Tel: (920) 592-8400
N Z Lallart	Northern Environmental 954 Circle Drive Green Bay, WI 54304	Fax: (920) 592-8444

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B1100

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	5/2/2001	5/2/2001	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18
Lat 44° 30' 48.0"
Long 88° 19' 49.0"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S110 SS	24 6	3 2 3 2	1	SAND FILL.				18						
S110 SS	24 6	2 2 2 3	2 3 4	SILTY CLAY, medium plasticity, some sand from (2.5 to 4.5) feet, some gravel from (5 to 9.5) feet, brown (7.5YR 4/3), petroleum odor from (5 to 9.5) feet, saturated at 4.5 feet, firm to soft. (CL-ML, Middle Inlet Member of the Kewaunee Formation)				59						
S110 SS	24 20	1 2 2 3	5 6 7		CL-ML			349						
S110 SS	24 5	3 2 3 4	8 9					357						
				End of Boring at 9.5 Feet.										

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

Signature	Firm	Tel: (920) 592-8400
D L Lallemont	Northern Environmental 954 Circle Drive Green Bay, WI 54304	Fax: (920) 592-8444

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B1200

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	5/2/2001	5/2/2001	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18
Lat 44° 30' 48.0"
Long 88° 19' 49.0"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S120 SS	24 20	2 2 3 3	1	SAND FILL.				21						
			2	SILTY CLAY, medium plasticity, some sand from (1 to 5) feet, some gravel from (5 to 9.5) feet, brown (7.5YR 4/3) slight petroleum odor, saturated at 5 feet, soft. (CL-ML, Middle Inlet Member of the Kewaunee Formation)										
S120 SS	24 2	18 50/3	3					27						
			4											
S120 SS	24 24	4 5 5 6	5 6		CL-ML			62						
			7											
S120 SS	24 3	6 5 5 6	8					26						
			9											
				End of Boring at 9.5 Feet.										

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

Signature	Firm	Tel: (920) 592-8400
N L LaPlant	Northern Environmental 954 Circle Drive Green Bay, WI 54304	Fax: (920) 592-8444

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B1300

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	5/2/2001	5/2/2001	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18
Lat 44° 30' 48.0"
Long 88° 19' 49.0"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S130 SS	24 18	2 2 3 2	1	SAND FILL, strong petroleum odor, dry.				493						
S130 SS	24 20	2 2 3 3	3 4	SILTY CLAY, medium plasticity, some gravel, brown (7.5YR 4/3), petroleum odor, saturated at 7.5 feet, soft. (CL-ML, Middle Inlet Member of the Kewaunee Formation)				246						
S130 SS	24 24	3 3 3 3	5 6 7		CL-ML			262						
S130 SS	24 24	2 3 3 4	8 9					614						
				End of Boring at 9.5 Feet.										

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

Signature	Firm	Tel: (920) 592-8400
Craig Plant	Northern Environmental 954 Circle Drive Green Bay, WI 54304	Fax: (920) 592-8444

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B1400

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	5/2/2001	5/2/2001	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18
Lat 44° 30' 48.0"
Long 88° 19' 49.0"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1 2 3 4 5 6 7 8 9 10 11 12	Blind drilled to 15 feet, lithology assumed to be SAND FILL from (0 to 2.5 feet), SILTY CLAY from (2.5 to 5) feet and (7.5 to 15) feet, SAND from (5 to 7.5) feet, same as B200.	CL-ML SP CL-ML									

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

Signature	Firm	Tel: (920) 592-8400
N L LaPlant	Northern Environmental 954 Circle Drive Green Bay, WI 54304	Fax: (920) 592-8444

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number B1400 Use only as an attachment to Form 4400-122.

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			13		CL-ML									
			14											
S140 SS	24 12	5 7 12 25/3	15 16	SILTY CLAY, medium plasticity, some gravel, brown (7.5YR 4/3), slight petroleum odor, saturated. (CL-ML, Middle Inlet Member of the Kewaunee Formation)	CL-ML			117						
			17	Auger Refusal. End of Boring at 17 Feet.										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B1500

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	5/2/2001	5/2/2001	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18

Lat 44° 30' 48.0"
Long 88° 19' 49.0"

Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S150 SS	24 8	2 3 2 3	1	SANDY SILT, some gravel, some clay from (2.5 to 4.5) feet, dark brown (7.5YR 3/2), petroleum odor, moist at 4 feet. (ML, Middle Inlet Member of the Kewaunee Formation)				34						
S150 SS	24 4	10 8 4 2	3 4					42						
S150 SS	24 14	4 5 5 6	5 6 7		ML			365						
S150 SS	24 24	3 4 4 5	8 9					407						
			10 11 12	Blind drilled to 22 feet, lithology assumed to be SILTY CLAY. (CL-ML, Middle Inlet Member of the Kewaunee Formation)	CL-ML									

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

Signature	Firm	Tel: (920) 592-8400
D L Laplant	Northern Environmental 954 Circle Drive Green Bay, WI 54304	Fax: (920) 592-8444

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number B1500 Use only as an attachment to Form 4400-122.

Sample									Soil Properties					
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			13	Blind drilled to 22 feet, lithology assumed to be SILTY CLAY. (CL-ML, Middle Inlet Member of the Kewaunee Formation)	CL-ML									
			14											
			15											
			16											
			17											
			18											
			19											
			20											
			21											
			22	End of Boring at 22 Feet.										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B1600

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	5/2/2001	5/2/2001	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18

Lat 44° 30' 48.0"
Long 88° 19' 49.0"

Local Grid Location
☐ N ☐ E
Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1	ASPHALT.										
			2	SILTY CLAY, medium plasticity, some sand and gravel, brown (7.5YR 4/3), petroleum odor, moist becoming saturated at 7.5 feet, soft. (CL-ML, Middle Inlet Member of the Kewaunee Formation)										
S160 SS	24 24	2 2 3 4	3 4					29						
			5		CL-ML									
S160 SS	24 24	4 4 5 6	6 7					26						
S160 SS	24 24	3 4 4 5	8 9					185						
				End of Boring at 9.5 Feet.										

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

Signature [signature] Firm Northern Environmental
954 Circle Drive Green Bay, WI 54304
Tel: (920) 592-8400
Fax: (920) 592-8444

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B1700

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	5/2/2001	5/2/2001	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18
Lat 44° 30' 48.0" Long 88° 19' 49.0"
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1	ASPHALT.										
			1	SILT, some clay, brown (7.5YR 5/4), no odor, moist becoming saturated at 5 feet. (ML, Middle Inlet Member of the Kewaunee Formation)										
S170 SS	24 24	2 3 4 4	2 3 4					11						
			4		ML									
S170 SS	24 24	3 3 4 4	5 6					9						
			7											
S170 SS	24 24	3 3 4 4	8 9	SILTY CLAY, medium plasticity, trace gravel, GRAVEL layer near 10.5 feet, brown (7.5YR 4/3), no odor, saturated, firm from (7.5 to 14) feet, hard from (14 to 14.5) feet. (CL-ML, Middle Inlet Member of the Kewaunee Formation)	CL-ML			5						
S170 SS	24 24	4 4 5 6	10 11		GP CL-ML			14						
			12											

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

Signature	Firm	Tel: (920) 592-8400
	Northern Environmental 954 Circle Drive Green Bay, WI 54304	Fax: (920) 592-8444

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Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number B1700 Use only as an attachment to Form 4400-122.

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
S1701 SS	24 24	4 5 5 7	13 14		CL-ML			12						
				End of Boring at 14.5 Feet.										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B1800

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	5/30/2001	5/30/2001	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
PI0806		PZ1800	Feet MSL	790.1 Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18
Lat 44° 30' 48.0"
Long 88° 19' 49.0"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1	Blind drilled to 15 feet, lithology assumed to be SAND FILL from (0 to 2.5 feet), SILTY CLAY from (2.5 to 5) feet and (7.5 to 15) feet, SAND from (5 to 7.5) feet, same as B200.										
			2											
			3											
			4		CL-ML									
			5											
			6		SP									
			7											
			8											
			9											
			10		CL-ML									
			11											
			12											

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

Signature	Firm	Tel: (920) 592-8400
Craig LaPlant	Northern Environmental 954 Circle Drive Green Bay, WI 54304	Fax: (920) 592-8444

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SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number B1800 Use only as an attachment to Form 4400-122.

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			13											
			14		CL-ML									
S180 SS	24 16	6 6 8 9	15 16 17	SILTY CLAY, trace sand and gravel, brown (7.5YR 4/3), coarse GRAVEL layers near 22.5 and 26 feet, SAND layer near 26 feet, petroleum odor from (17.5 to 30) feet, saturated. (CL-ML, Middle Inlet Member of the Kewaunee Formation)				6						
S180 SS	24 12	9 14 18 22	18 19		CL-ML			62						
S180 SS	24 24	8 9 9 10	20 21 22					10						
S180 SS	24 1	50/2	23 24		GP CL-ML			---						
S180 SS	24 8	19 8 21 16	25 26 27		GP SP			77						
S180 SS	29.5 12	8 19 50/3	28 29 30		CL-ML			48						
				End of Boring at 30.5 Feet.										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B1900

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Nicole LaPlant Northern Environmental	5/30/2001	5/30/2001	hand auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18
Lat 44° 30' 48.0" Long 88° 19' 49.0"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S190 SS	24 24	---	1	SAND and GRAVEL FILL, some topsoil and organics.				0						
			2	End of Boring at 2 Feet.										

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

Signature	Firm	Tel: (920) 592-8400
N Laplant	Northern Environmental 954 Circle Drive Green Bay, WI 54304	Fax: (920) 592-8444

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B2000

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Nicole LaPlant Northern Environmental	5/30/2001	5/30/2001	hand auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18
Lat 44° 30' 48.0"
Long 88° 19' 49.0"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S200 SS	24 24	---	1 2	SAND and GRAVEL FILL, some topsoil and organics.				0						
				End of Boring at 2 Feet.										

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

Signature	Firm	Tel: (920) 592-8400
N L LaPlant	Northern Environmental 954 Circle Drive Green Bay, WI 54304	Fax: (920) 592-8444

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B2100

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Nicole LaPlant Northern Environmental	5/30/2001	5/30/2001	hand auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18

Lat 44° 30' 48.0"
Long 88° 19' 49.0"

Local Grid Location
☐ N ☐ E
Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S210 SS	24 24	--	1	SAND and GRAVEL FILL, some topsoil and organics.				0						
			2	End of Boring at 2 Feet.										

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

Signature [signature] Firm Northern Environmental
954 Circle Drive Green Bay, WI 54304
Tel: (920) 592-8400
Fax: (920) 592-8444

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B2200

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	5/30/2001	5/30/2001	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18

Lat 44° 30' 48.0"
Long 88° 19' 49.0"

Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1	ASPHALT.										
			2	SAND and GRAVEL FILL.										
S220 SS	24 18	4 5 5 6	3	SILTY CLAY, low plasticity, trace gravel, brown (7.5YR 4/3), no odor, moist at 5 feet. (CL-ML, Middle Inlet Member of the Kewaunee Formation)				0						
			4											
S220 SS	24 24	4 5 5 5	5					0						
			6		CL-ML									
			7											
S220 SS	24 24	5 5 5 5	8					0						
			9											
				End of Boring at 9.5 Feet.										

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

Signature	Firm	Tel: (920) 592-8400
	Northern Environmental 954 Circle Drive Green Bay, WI 54304	Fax: (920) 592-8444

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B2300

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	5/30/2001	5/30/2001	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
PI0816		MW2300	Feet MSL	790.3 Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18
Lat 44° 30' 48.0" Long 88° 19' 49.0"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			0	ASPHALT.										
S230 SS	24 16	2 2 2 2	1–4	SILTY CLAY, medium plasticity, some gravel and sand, brown (7.5YR 4/3), no odor, moist at 5 feet, soft from (0.3 to 5) feet, firm from (5 to 12.5) feet, hard from (12.5 to 14.5) feet. (CL-ML, Middle Inlet Member of the Kewaunee Formation)				0						
--- NR	24 0	---	5–6		CL-ML			---						
S230 SS	24 16	3 3 4 4	7–9					0						
S230 SS	24 24	4 4 5 6	10–11					0						
			12											

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

Signature	Firm	Tel: (920) 592-8400
N Z Lallant	Northern Environmental 954 Circle Drive Green Bay, WI 54304	Fax: (920) 592-8444

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number B2300 Use only as an attachment to Form 4400-122. Page 2 of 2

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S230-SS	24 20	5 6 6 8	13 14	SILTY CLAY, medium plasticity, some gravel and sand, brown (7.5YR 4/3), no odor, moist at 5 feet, soft from (0.3 to 5) feet, firm from (5 to 12.5) feet, hard from (12.5 to 14.5) feet. (CL-ML, Middle Inlet Member of the Kewaunee Formation)	CL-ML			0						
				End of Boring at 14.5 Feet.										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B2400

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	5/30/2001	5/30/2001	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
PI0817		MW2400	Feet MSL	789.3 Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18

Lat 44° 30' 48.0"
Long 88° 19' 49.0"

Local Grid Location
☐ N ☐ E
Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1	ASPHALT.										
			1	SILTY CLAY, medium plasticity, some gravel and sand, wood chips at 7.5 feet, brown (7.5YR 4/3), no odor, dry. (CL-ML, Middle Inlet Member of the Kewaunee Formation)										
			2											
S240 SS	24 16	1 1 1 1	3					0						
			4		CL-ML									
S240 SS	24 2	2 3 3 4	5					0						
			6											
			7											
S240 SS	24 22	4 4 5 6	8	SILT, trace clay, brown (7.5YR 5/4), no odor, saturated. (ML, Middle Inlet Member of the Kewaunee Formation)				0						
			9		ML									
S240 SS	24 12	4 4 5 6	10					0						
			11	SAND, poorly graded, medium grained, some gravel, brown (7.5YR 4/3), no odor,	SP									
			12											

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

Signature	Firm	Tel: (920) 592-8400
N L Laplant	Northern Environmental 954 Circle Drive Green Bay, WI 54304	Fax: (920) 592-8444

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number B2400 Use only as an attachment to Form 4400-122.

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
				saturated. (SP, Middle Inlet Member of the Kewaunee Formation)	SP									
S2403 SS	24 24	5 5 4 6	13 14	SILTY CLAY, medium plasticity, trace sand, brown (7.5YR 4/3), no odor, saturated, hard. (CL-ML, Middle Inlet Member of the Kewaunee Formation)	CL-ML			0						
				End of Boring at 14.5 Feet.										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B2500

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	5/31/2001	5/31/2001	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18
Lat 44° 30' 48.0" Long 88° 19' 49.0"
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1	ASPHALT.										
			2	SILT, some clay, brown (7.5YR 5/4), no odor, saturated at 6 feet. (ML, Middle Inlet Member of the Kewaunee Formation)										
S250 SS	24 18	2 2 2 2	3					0						
			4		ML									
S250 SS	24 18	2 2 3 3	5					0						
			6											
			7											
S250 SS	24 12	4 5 6 8	8	SILTY CLAY, medium plasticity, brown (7.5YR 5/4), no odor, saturated, firm from (7.5 to 10) feet, soft from (10 to 11) feet. (CL-ML, Middle Inlet Member of the Kewaunee Formation)				0						
			9		CL-ML									
S250 SS	24 24	6 10 14 19	10					0						
			11		ML									
			12											

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

Signature	Firm	Tel:
N L LaPlant	Northern Environmental 954 Circle Drive Green Bay, WI 54304	(920) 592-8400 Fax: (920) 592-8444

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number B2500 Use only as an attachment to Form 4400-122. Page 2 of 2

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S2501 SS	24 20	12 21 18 25	13 14	SILT, some sand and gravel, brown (7.5YR 5/4), no odor, saturated, hard. (ML, Middle Inlet Member of the Kewaunee Formation)	ML			0						
				End of Boring at 14.5 Feet.										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B2600

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	5/31/2001	5/31/2001	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
PI0818		MW2600	Feet MSL	789.2 Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18
Lat 44° 30' 48.0" Long 88° 19' 49.0"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1	ASPHALT.										
			2	SAND and GRAVEL FILL.										
S260 SS	24 6	3 3 3 3	3 4	SILTY SAND, brown (7.5YR 4/3), no odor, moist becoming saturated at 7 feet. (SM, Middle Inlet Member of the Kewaunee Formation)				0						
S260 SS	24 12	1 2 1 2	5 6 7		SM			0						
S260 SS	24 12	4 4 4 5	8 9	SILTY CLAY, low to medium plasticity, some sand and gravel from (7.5 to 12.5) feet, brown (7.5YR 4/3), no odor, saturated, soft from (7.5 to 13) feet, hard from (13 to 14.5) feet. (CL-ML, Middle Inlet Member of the Kewaunee Formation)				0						
--- SS	24 0	---	10 11 12		CL-ML			---						

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

Signature	Firm	Tel: (920) 592-8400
N.L.Laplant	Northern Environmental 954 Circle Drive Green Bay, WI 54304	Fax: (920) 592-8444

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SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number B2600 Use only as an attachment to Form 4400-122.

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
S260 SS	24 22	4 5 5 6	13 14		CL-ML			0						
				End of Boring at 14.5 Feet.										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B2700

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	5/31/2001	5/31/2001	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
PI0819		MW2700	Feet MSL	788.9 Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NE 1/4 of NE 1/4 of Section 33, T 24 N, R 18
Lat 44° 30' 48.0"
Long 88° 19' 49.0"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1	ASPHALT.										
S270 SS	24 18	2 2 2 2	2 3 4	SAND, poorly graded, fine to medium grained, some gravel from (2.5 to 3) feet, brown (7.5YR 5/4), no odor, moist at 4 feet becoming saturated. (SP, Middle Inlet Member of the Kewaunee Formation)	SP			0						
S270 SS	24 12	1 1 1 1	5 6 7					0						
S270 SS	24 24	3 4 5 5	8 9	SILTY CLAY, medium plasticity, some sand and gravel, brown (7.5YR 5/4), no odor, saturated, soft from (7 to 10) feet, hard from (10 to 14.5) feet. (CL-ML, Middle Inlet Member of the Kewaunee Formation)	CL-ML			0						
S270 SS	24 20	3 4 5 5	10 11 12					0						

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

Signature	Firm	Tel:
D L LaPlant	Northern Environmental 954 Circle Drive Green Bay, WI 54304	(920) 592-8400 Fax: (920) 592-8444

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Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number B2700 Use only as an attachment to Form 4400-122.

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S270 SS	24 24	5 5 6 9	13 14	SILTY CLAY, medium plasticity, some sand and gravel, brown (7.5YR 5/4), no odor, saturated, soft from (7 to 10) feet, hard from (10 to 14.5) feet. (CL-ML, Middle Inlet Member of the Kewaunee Formation)	CL-ML			0						
				End of Boring at 14.5 Feet.										

State of Wisconsin
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SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B2800

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	2/20/2002	2/20/2002	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
PD0647		PZ2800	Feet MSL	790.2 Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18
Lat 44° 30' 48.0"
Long 88° 19' 49.0"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1	Blind drilled to 17.5 feet, lithology assumed to be the same as B2300. ASPHALT from (0 to 0.3) feet, SILTY CLAY from (0.3 to 17.5) feet.										
			2											
			3											
			4											
			5											
			6		CL-ML									
			7											
			8											
			9											
			10											
			11											
			12											

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

Signature	Firm	Tel: (920) 592-8400
Nicole L. LaPlant	Northern Environmental 954 Circle Drive Green Bay, WI 54304	Fax: (920) 592-8444

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number B2800 Use only as an attachment to Form 4400-122.

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			13											
			14											
			15		CL-ML									
			16											
			17											
2801 SS	24 12	6 8 8 11	18	SILTY CLAY, medium plasticity, some small to medium GRAVEL from (17.5 to 27.5) feet, sand lenses near 24.5 feet, brown (7.5YR 4/2), firm to soft, no odor. (CL-ML, Middle Inlet Member of the Kewaunee Formation)				0						
			19											
			20											
			21											
			22											
2802 SS	24 24	8 12 13 16	23					3						
			24											
			25		CL-ML									
			26											
			27											
2803 SS	24 24	6 6 7 8	28					2						
			29											
			30											
			31											
			32											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number B2800 Use only as an attachment to Form 4400-122.

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
2804 SS	24 3	7 8 12 16	33 34 35	SILTY CLAY, medium plasticity, some small to medium GRAVEL from (17.5 to 27.5) feet, sand lenses near 24.5 feet, brown (7.5YR 4/2), firm to soft, no odor. (CL-ML, Middle Inlet Member of the Kewaunee Formation)	CL-ML			3						
				End of Boring at 35.5 Feet.										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B2900

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	2/20/2002	2/20/2002	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
PD0648		PZ2900	Feet MSL	789.2 Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18
Lat 44° 30' 48.0"
Long 88° 19' 49.0"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1–12	Blind drilled to 17.5 feet. Lithology assumed to be the same as B2600. ASPHALT from (0 to 0.3) feet, SAND and GRAVEL FILL from (0.3 to 2.5) feet, SILTY SAND from (2.5 to 7.5) feet, and SILTY CLAY from (7.5 to 17.5) feet.	SM CL-ML									

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

Signature	Firm	Tel:
Nicole L. Sallaert	Northern Environmental 954 Circle Drive Green Bay, WI 54304	Tel: (920) 592-840 Fax: (920) 592-844

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number B2900 Use only as an attachment to Form 4400-122.

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			13											
			14											
			15		CL-ML									
			16											
			17											
2901 SS	24 12	8 10 11 14	18	SILTY CLAY, medium plasticity, some small to fine GRAVEL from (17.5 to 22.5) feet, brown (7.5YR 4/2), firm, saturated, no odor. (CL-ML, Middle Inlet Member of the Kewaunee Formation)				3						
			19											
			20											
			21											
			22											
2902 SS	24 24	6 6 8 14	23					2						
			24											
			25		CL-ML									
			26											
			27											
2903 SS	24 20	4 5 7 7	28					3						
			29											
			30											
			31											
			32											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number B2900 Use only as an attachment to Form 4400-122.

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
2904 SS	24 20	1 2 2 2	33 34 35	SILTY CLAY, medium plasticity, some small to fine GRAVEL from (17.5 to 22.5) feet, brown (7.5YR 4/2), firm, saturated, no odor. (CL-ML, Middle Inlet Member of the Kewaunee Formation)	CL-ML			3						
				End of Boring at 35.5 Feet.										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B3000

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	2/21/2002	2/21/2002	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
PD0649		PZ3000	Feet MSL	789.0 Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18
Lat 44° 30' 48.0" Long 88° 19' 49.0"
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1 2 3 4 5 6 7 8 9 10 11 12	Blind drilled to 17.5 feet. Lithology assumed to be the same as B2700. ASPHALT from (0 to 0.3) feet, SAND from (0.3 to 7) feet, and SILTY CLAY from (7 to 17.5) feet.										

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

Signature: Nicole L LeBlanc Firm: Northern Environmental
954 Circle Drive Green Bay, WI 54304
Tel: (920) 592-8400
Fax: (920) 592-8444

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number B3000 Use only as an attachment to Form 4400-122.

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
3001 SS	24 24	5 6 8 10	18	SILTY CLAY, medium plasticity, some small GRAVEL, some SAND from (27.5 to 32.5) feet, brown (7.5YR 4/2), saturated, no odor. (CL-ML, Middle Inlet Member of the Kewaunee Formation)	CL-ML			5						
3002 SS	24 0		23											
3003 SS	24 24	3 4 4 5	28					4						

13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number B3000 Use only as an attachment to Form 4400-122.

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
3004 SS	24 12	4 5 6 6	33 34 35	SILTY CLAY, medium plasticity, some small GRAVEL, some SAND from (27.5 to 32.5) feet, brown (7.5YR 4/2), saturated, no odor. (CL-ML, Middle Inlet Member of the Kewaunee Formation)	CL-ML			4						
				End of Boring at 35.5 Feet.										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Deering Property	03-45-217425	B3100

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Craig Plant Environmental Drilling Services	2/21/2002	2/21/2002	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
PD0650		PZ3100	Feet MSL	789.4 Feet MSL	8.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of NW 1/4 of Section 33, T 24 N, R 18

Lat 44° 30' 48.0"
Long 88° 19' 49.0"

Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Outagamie	45	Seymour

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1–12	Blind drilled to 17.5 feet. Lithology assumed to be the same as B2400. ASPHALT from (0 to 0.3), SILTY CLAY from (0.3 to 7.5) feet, SILT from (7.5 to 11) feet, SAND from (11 to 12.75), and SILTY CLAY from (12.75 to 17.5) feet.										

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

Signature	Firm	Tel: (920) 592-840
Nicole L. Lallart	Northern Environmental 954 Circle Drive Green Bay, WI 54304	Fax: (920) 592-844

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number B3100 Use only as an attachment to Form 4400-122.

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			13											
			14											
			15											
			16											
			17											
3101 SS	24 3	4 5 6 6	18	SILTY CLAY, medium plasticity, some GRAVEL, brown (7.5YR 4/2), firm to hard, no odor. (CL-ML, Middle Inlet Member of the Kewaunee Formation)				4						
			19											
			20		CL-ML									
			21											
			22											
3102 SS	24 22	10 12 16 21	23					4						
			24	SILT, fine, trace SAND, brown (7.5YR 5/3), crumbles, no odor. (ML, Middle Inlet Member of the Kewaunee Formation)										
			25		ML									
			26											
			27											
3103 SS	24 16	8 12 12 15	28	SAND, poorly graded, medium grained, trace CLAY, brown (7.5YR 5/3), saturated, no odor. (SP, Middle Inlet Member of the Kewaunee Formation)	SP			4						
			29											
			30	SILTY CLAY with GRAVEL. (CL-ML, Middle Inlet Member of the Kewaunee Formation)										
			31		CL-ML									
			32											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number B3100 Use only as an attachment to Form 4400-122. Page 3 of 3

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
					CL-ML									
3104 SS	24 16	10 12 16 18	33 34 35 36 37	SAND, poorly graded, medium grained, some GRAVEL, brown (7.5YR 5/3), saturated, no odor. (SP, Middle Inlet Member of the Kewaunee Formation)	SP			4						
3105 SS	24 12	18 25/4	38 39 40 41 42	SAND and GRAVEL, some SILT, saturated, no odor. (GW, Middle Inlet Member of the Kewaunee Formation)	GW			4						
3106 SS	24 5	25/4	43 44 45 46 47	GRAVEL, dry. (GW, Middle Inlet Member of the Kewaunee Formation)	GW			4						
3107 SS	24 12	8 12 19 25/4	48 49 50	SAND, fine to medium grained, some coarse lenses, brown (7.5YR 5/3), saturated, no odor. (SP, Middle Inlet Member of the Kewaunee Formation)	SP			4						
				End of Boring at 50.5 Feet.										

APPENDIX B2

WDNR BOREHOLE ABANDONMENT FORMS
(FORM 3300-5B)

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 4-97

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location

County: Outagamie

NW 1/4 of NW 1/4 of Sec. 33 ; T. 24 N; R. 18 ☒ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

Grid Location _____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Civil Town Name: Seymour

Street Address of Well: 120 N. Main St.

City, Village: Seymour

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner: Deering Property

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable): B-500

WI Unique Well No.

Reason For Abandonment: Borehole

Date of Abandonment: 5-1-01

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 5-1-01

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☐ Yes ☒ No

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 9.5 (From groundsurface)

Casing Diameter (in.) 8"

Casing Depth (ft.) —

Lower Drillhole Diameter (in.) 8"

Was Well Annular Space Grouted? ☐ Yes ☒ No ☐ Unknown

If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) —

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain _____

Was Casing Cut Off Below Surface?	☐ Yes	☐ No
Did Sealing Material Rise to Surface?	☒ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☒ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material
☒ Conductor Pipe-Gravity ☐ Conductor Pipe Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks, Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
3/8 Chipped Bentonite	Surface	9.5	2.5	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work
E.D.S. Craig Plant

Signature of Person Doing Work: Craig Plant

Date Signed: 5-2-01

Street or Route: 3671 Monroe Rd

Telephone Number: (920) 337-9600

City, State, Zip Code: De Pere WI 54115

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	Region/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 4-97

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location

County: Outagamie

NW 1/4 of NW 1/4 of Sec. 33 ; T. 24 N; R. 18 ☒ E ☐ W

(If applicable) Gov't Lot _____ Grid Number _____

Grid Location _____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Civil Town Name: Seymour

Street Address of Well: 120 N. Main St.

City, Village: Seymour

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner: Deering Property

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable): B-600

WI Unique Well No.

Reason For Abandonment: Borehole

Date of Abandonment: 5-1-01

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 5-1-01

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☐ Yes ☒ No

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 9.5 (From groundsurface)

Casing Diameter (in.) 8"

Casing Depth (ft.) —

Lower Drillhole Diameter (in.) 8"

Was Well Annular Space Grouted? ☐ Yes ☒ No ☐ Unknown

If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) —

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain _____

Was Casing Cut Off Below Surface?	☐ Yes	☐ No
Did Sealing Material Rise to Surface?	☒ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☒ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material

☒ Conductor Pipe-Gravity ☐ Conductor Pipe Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials

☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only

☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks, Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
3/8 Chipped Bentonite	Surface	9.5	2.5	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work: E.O.S. Craig Plant

Signature of Person Doing Work: Craig Plant

Date Signed: 5-2-01

Street or Route: 3671 Monroe Rd

Telephone Number: (920) 337-9600

City, State, Zip Code: De Pere WI 54115

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	Region/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 4-97

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location

County: Outagamie

NW 1/4 of NW 1/4 of Sec. 33 ; T. 24 N; R. 18 ☒ E ☐ W

(If applicable) Gov't Lot _____ Grid Number _____

Grid Location _____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Civil Town Name: Seymour

Street Address of Well: 120 N. Main St.

City, Village: Seymour

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner: Deering Property

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable): B-700

WI Unique Well No.

Reason For Abandonment: Borehole

Date of Abandonment: 5-1-01

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 5-1-01

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☐ Yes ☒ No

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 9.5 (From groundsurface)

Casing Diameter (in.) 8"

Casing Depth (ft.) —

Lower Drillhole Diameter (in.) 8"

Was Well Annular Space Grouted? ☐ Yes ☒ No ☐ Unknown

If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) —

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain _____

Was Casing Cut Off Below Surface?	☐ Yes	☐ No
Did Sealing Material Rise to Surface?	☒ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☒ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material

☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials

☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only

☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks, Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
3/8 Chipped Bentonite	Surface	9.5	2.5	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work: E.O.S. Craig Plant

Signature of Person Doing Work: Craig Plant

Date Signed: 5-2-01

Street or Route: 3671 Monroe Rd

Telephone Number: (920) 337-9600

City, State, Zip Code: DePere WI 54115

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	Region/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 4-97

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location

County: Outagamie

NW 1/4 of NW 1/4 of Sec. 33 ; T. 24 N; R. 18 ☐ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

Grid Location _____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Civil Town Name: Seymour

Street Address of Well: 120 N. Main St.

City, Village: Seymour

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner: Deering Property

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable): B-800

WI Unique Well No.

Reason For Abandonment: Borehole

Date of Abandonment: 5-1-01

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 5-1-01

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☐ Yes ☒ No

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 9.5 (From groundsurface)

Casing Diameter (in.) 8" Casing Depth (ft.) —

Lower Drillhole Diameter (in.) 8"

Was Well Annular Space Grouted? ☐ Yes ☒ No ☐ Unknown
If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) —

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain _____

Was Casing Cut Off Below Surface?	☐ Yes	☐ No
Did Sealing Material Rise to Surface?	☒ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☒ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material
☒ Conductor Pipe-Gravity ☐ Conductor Pipe Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks, Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
3/8 Chipped Bentonite	Surface	9.5	2.5	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work: E.O.S. Craig Plant

Signature of Person Doing Work: Craig Plant — Date Signed: 5-2-01

Street or Route: 3671 Monroe Rd — Telephone Number: (920) 337-9600

City, State, Zip Code: De Pere WI 54115

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	Region/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

DNR/COUNTY

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 4-97

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location

County: Outagamie

NW 1/4 of NW 1/4 of Sec. 33 ; T. 24 N; R. 18 ☒ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

Grid Location _____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Civil Town Name: Seymour

Street Address of Well: 120 N. Main St.

City, Village: Seymour

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner: Deering Property

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable): B-900

WI Unique Well No.

Reason For Abandonment: Borehole

Date of Abandonment: 5-1-01

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 5-1-01

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☐ Yes ☒ No

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 9.5 (From groundsurface)

Casing Diameter (in.) 8"

Casing Depth (ft.) —

Lower Drillhole Diameter (in.) 8"

Was Well Annular Space Grouted? ☐ Yes ☒ No ☐ Unknown

If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) —

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain _____

Was Casing Cut Off Below Surface?	☐ Yes	☐ No
Did Sealing Material Rise to Surface?	☒ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☒ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material

☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials

For monitoring wells and monitoring well boreholes only

☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks, Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
3/8 Chipped Bentonite	Surface	9.5	2.5	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work

E.O.S. Craig Plant

Signature of Person Doing Work: Craig Plant

Date Signed: 5-2-01

Street or Route: 3671 Monroe Rd

Telephone Number: (920) 337-9600

City, State, Zip Code: DePere WI 54115

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	Region/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

DNR/COUNTY

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 4-97

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location

County: Outagamie

NW 1/4 of NW 1/4 of Sec. 33 ; T. 24 N; R. 18 ☒ E ☐ W

(If applicable) Gov't Lot _____ Grid Number _____

Grid Location _____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Civil Town Name: Seymour

Street Address of Well: 120 N. Main St.

City, Village: Seymour

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner: Deering Property

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable): B-1000

WI Unique Well No.

Reason For Abandonment: Borehole

Date of Abandonment: 5-2-01

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 5-2-01

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☐ Yes ☒ No

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 9.5 (From groundsurface)

Casing Diameter (in.) 8"

Casing Depth (ft.) —

Lower Drillhole Diameter (in.) 8"

Was Well Annular Space Grouted? ☐ Yes ☒ No ☐ Unknown

If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) —

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain _____

Was Casing Cut Off Below Surface?	☐ Yes	☐ No
Did Sealing Material Rise to Surface?	☒ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☒ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material
☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
3/8 Chipped Bentonite	Surface	9.5	2.5	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work
E.O.S. Craig Plant

Signature of Person Doing Work: Craig Plant — Date Signed: 5-2-01

Street or Route: 3671 Monroe Rd — Telephone Number: (920) 337-9600

City, State, Zip Code: De Pere WI 54115

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	Region/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 4-97

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location

County: Outagamie

NW 1/4 of NW 1/4 of Sec. 33 ; T. 24 N; R. 18 ☒ E ☐ W

(If applicable) Gov't Lot _____ Grid Number _____

Grid Location _____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Civil Town Name: Seymour

Street Address of Well: 120 N. Main St.

City, Village: Seymour

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner: Deering Property

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable): B-1100

WI Unique Well No.

Reason For Abandonment: Borehole

Date of Abandonment: 5-2-01

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 5-2-01

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☐ Yes ☒ No

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 9.5 (From groundsurface)

Casing Diameter (in.) 8"

Casing Depth (ft.) —

Lower Drillhole Diameter (in.) 8"

Was Well Annular Space Grouted? ☐ Yes ☒ No ☐ Unknown

If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) —

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain _____

Was Casing Cut Off Below Surface?	☐ Yes	☐ No
Did Sealing Material Rise to Surface?	☒ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☒ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material

☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials

☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only

☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks, Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
3/8 Chipped Bentonite	Surface	9.5	2.5	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work: E.O.S. Craig Plant

Signature of Person Doing Work: Craig Plant

Date Signed: 5-2-01

Street or Route: 3671 Monroe Rd

Telephone Number: (920) 337-9600

City, State, Zip Code: DePere WI 54115

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	Region/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 4-97

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location

County: Outagamie

NW 1/4 of NW 1/4 of Sec. 33 ; T. 24 N; R. 18 ☒ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

Grid Location _____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Civil Town Name: Seymour

Street Address of Well: 120 N. Main St.

City, Village: Seymour

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner: Deering Property

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable): B-1200

WI Unique Well No.

Reason For Abandonment: Borehole

Date of Abandonment: 5-2-01

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 5-2-01

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☐ Yes ☒ No

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 9.5 (From groundsurface)

Casing Diameter (in.) 8" Casing Depth (ft.) —

Lower Drillhole Diameter (in.) 8"

Was Well Annular Space Grouted? ☐ Yes ☒ No ☐ Unknown
If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet): —

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain _____

Was Casing Cut Off Below Surface?	☐ Yes	☐ No
Did Sealing Material Rise to Surface?	☒ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☒ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material
☒ Conductor Pipe-Gravity ☐ Conductor Pipe Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks, Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
3/8 Chipped Bentonite	Surface	9.5	2.5	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work
E.O.S. Craig Plant

Signature of Person Doing Work: Craig Plant — Date Signed: 5-2-01

Street or Route: 3671 Monroe Rd — Telephone Number: (920) 337-9600

City, State, Zip Code: DePere WI 54115

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	Region/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

DNR/COUNTY

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 4-97

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location

County: Outagamie

NW 1/4 of NW 1/4 of Sec. 33 ; T. 24 N; R. 18 ☒ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

Grid Location _____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Civil Town Name: Seymour

Street Address of Well: 120 N. Main St.

City, Village: Seymour

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner: Deering Property

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable): B-1300

WI Unique Well No.

Reason For Abandonment: Borehole

Date of Abandonment: 5-2-01

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 5-2-01

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☐ Yes ☒ No

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 9.5 (From groundsurface)

Casing Diameter (in.) 8"

Casing Depth (ft.) —

Lower Drillhole Diameter (in.) 8"

Was Well Annular Space Grouted? ☐ Yes ☒ No ☐ Unknown

If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) —

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain _____

Was Casing Cut Off Below Surface?	☐ Yes	☐ No
Did Sealing Material Rise to Surface?	☒ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☒ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material

☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials

☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only

☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
3/8 Chipped Bentonite	Surface	9.5	2.5	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work: E.O.S. Craig Plant

Signature of Person Doing Work: Craig Plant — Date Signed: 5-2-01

Street or Route: 3671 Monroe Rd — Telephone Number: (920) 337-9600

City, State, Zip Code: DePere WI 54115

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	Region/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

DNR/COUNTY

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 4-97

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location

County: Outagamie

NW 1/4 of NW 1/4 of Sec. 33 ; T. 24 N; R. 18 ☒ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

Grid Location _____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Civil Town Name: Seymour

Street Address of Well: 120 N. Main St.

City, Village: Seymour

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner: Deering Property

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable): B-1400

WI Unique Well No.

Reason For Abandonment: Borehole

Date of Abandonment: 5-2-01

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 5-2-01

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☐ Yes ☒ No

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 17' (From groundsurface)
Casing Diameter (in.) 8"
Casing Depth (ft.) —

Lower Drillhole Diameter (in.) 6"

Was Well Annular Space Grouted? ☐ Yes ☒ No ☐ Unknown
If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) —

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain _____

Was Casing Cut Off Below Surface?	☐ Yes	☐ No
Did Sealing Material Rise to Surface?	☒ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☒ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material
☒ Conductor Pipe-Gravity ☐ Conductor Pipe Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks, Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
3/8 Chipped Bentonite	Surface	17'	7	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work: E.O.S. Crain Plant

Signature of Person Doing Work: Crain Plant — Date Signed: 5-2-01

Street or Route: 3671 Monroe Rd — Telephone Number: (920) 337-9600

City, State, Zip Code: DePere WI 54115

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	Region/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 4-97

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location

County: Outagamie

NW 1/4 of NW 1/4 of Sec. 33 ; T. 24 N; R. 18 ☒ E ☐ W

(If applicable) Gov't Lot _____ Grid Number _____

Grid Location _____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Civil Town Name: Seymour

Street Address of Well: 120 N. Main St.

City, Village: Seymour

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner: Deering Property

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable): B-1500

WI Unique Well No.

Reason For Abandonment: Borehole

Date of Abandonment: 5-2-01

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 5-3-01

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☐ Yes ☒ No

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 20 (From groundsurface)

Casing Diameter (in.) 8"

Casing Depth (ft.) —

Lower Drillhole Diameter (in.) 6"

Was Well Annular Space Grouted? ☐ Yes ☒ No ☐ Unknown

If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) —

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain _____

Was Casing Cut Off Below Surface?	☐ Yes	☐ No
Did Sealing Material Rise to Surface?	☒ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☒ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material

☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials

☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only

☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks, Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
3/8 Chipped Bentonite	Surface	20'	8	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work: E.G.S. Craig Plant

Signature of Person Doing Work: Craig Plant

Date Signed: 5-2-01

Street or Route: 3671 Monroe Rd

Telephone Number: (920) 337-9600

City, State, Zip Code: De Pere WI 54115

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	Region/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 4-97

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location

County: Outagamie

NW 1/4 of NW 1/4 of Sec. 33 ; T. 24 N; R. 18 ☒ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

Grid Location _____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Civil Town Name: Seymour

Street Address of Well: 120 N. Main St.

City, Village: Seymour

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner: Deering Property

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable): B-1600

WI Unique Well No.

Reason For Abandonment: Borehole

Date of Abandonment: 5-2-01

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 5-2-01

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☐ Yes ☒ No

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 9.5 (From groundsurface)

Casing Diameter (in.) 8" Casing Depth (ft.) —

Lower Drillhole Diameter (in.) 8"

Was Well Annular Space Grouted? ☐ Yes ☒ No ☐ Unknown
If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) —

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain _____

Was Casing Cut Off Below Surface?	☐ Yes	☐ No
Did Sealing Material Rise to Surface?	☒ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☒ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material
☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite-Cement Grout

(7) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks, Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
3/8 Chipped Bentonite	Surface	9.5	2.5	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work
E.O.S. Craig Plant

Signature of Person Doing Work: Craig Plant
Date Signed: 5-2-01

Street or Route: 3671 Monroe Rd
Telephone Number: (920) 337-9600

City, State, Zip Code: De Pere WI 54115

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	Region/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 4-97

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location

County: Outagamie

___ 1/4 of ___ 1/4 of Sec. ___ ; T. ___ N; R. ___ ☐ E ☐ W

(If applicable)

___ Gov't Lot ___ Grid Number

Grid Location

___ ft. ☐ N. ☐ S., ___ ft. ☐ E. ☐ W.

Civil Town Name: Seymour

Street Address of Well: 120 N. Main St.

City, Village: Seymour

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner: Deering Property

Street or Route: 120 N. Main St.

City, State, Zip Code: Seymour, WI

Facility Well No. and/or Name (If Applicable): B1900

WI Unique Well No.: _ _ _ _ _ _

Reason For Abandonment: Sampling Complete

Date of Abandonment: 5-30-01

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 5-30-01

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☐ Yes ☒ No

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) ___

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 2 (From groundsurface)

Casing Diameter (in.) —

Casing Depth (ft.) —

Lower Drillhole Diameter (in.) 8

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? ___ Feet

(4) Depth to Water (Feet) —

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain ___

Was Casing Cut Off Below Surface?	☐ Yes	☒ No
Did Sealing Material Rise to Surface?	☒ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☒ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material
☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain) ___

(6) Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, ~~Sacks~~ Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Chipped Bentonite	Surface	2	1	

(8) Comments: ___

(9) Name of Person or Firm Doing Sealing Work
Craig Plant - EOS

Signature of Person Doing Work: [signature] Date Signed: 6-1-01

Street or Route: 3671 Monroe Rd.

Telephone Number: (920) 337-9600

City, State, Zip Code: De Pere, WI 54115

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	Region/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

DNR/COUNTY

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 4-97

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location

County: Outagamie

___ 1/4 of ___ 1/4 of Sec. ___ ; T. ___ N; R. ___ ☐ E ☐ W

(If applicable) ___ Gov't Lot ___ Grid Number

Grid Location ___ ft. ☐ N. ☐ S., ___ ft. ☐ E. ☐ W.

Civil Town Name: Seymour

Street Address of Well: 120 N. Main St.

City, Village: Seymour

(2) FACILITY NAME

Original Well Owner (If Known):

Present Well Owner: Deering Property

Street or Route: 120 N. Main St.

City, State, Zip Code: Seymour, WI

Facility Well No. and/or Name (If Applicable): B2000

WI Unique Well No.: _____

Reason For Abandonment: Sampling Complete

Date of Abandonment: 5-30-01

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 5-30-01

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☐ Yes ☒ No

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 2 (From groundsurface)

Casing Diameter (in.) —

Casing Depth (ft.) —

Lower Drillhole Diameter (in.) 8

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) —

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain _____

Was Casing Cut Off Below Surface?	☐ Yes	☒ No
Did Sealing Material Rise to Surface?	☒ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☒ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material
☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain) _____

(6) Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, ~~Sacks~~ Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Chipped Bentonite	Surface	2	1	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work: Craig Plant - EOS

Signature of Person Doing Work: Craig Plant — Date Signed: 6-1-01

Street or Route: 3671 Monroe Rd. — Telephone Number: (920) 337-9600

City, State, Zip Code: De Pere, WI 54115

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	Region/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

DNR/COUNTY

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 4-97

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location

County: Outagamie

___ 1/4 of ___ 1/4 of Sec. ___ ; T. ___ N; R. ___ ☐ E ☐ W

(If applicable) ___ Gov't Lot ___ Grid Number

Grid Location ___ ft. ☐ N. ☐ S., ___ ft. ☐ E. ☐ W.

Civil Town Name: Seymour

Street Address of Well: 120 N. Main St.

City, Village: Seymour

(2) FACILITY NAME

Original Well Owner (If Known):

Present Well Owner: Deering Property

Street or Route: 120 N. Main St.

City, State, Zip Code: Seymour, WI

Facility Well No. and/or Name (If Applicable): B2100

WI Unique Well No.: ------

Reason For Abandonment: Sampling Complete

Date of Abandonment: 5-30-01

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 5-30-01

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☐ Yes ☒ No

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) ___

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 2 (From groundsurface)

Casing Diameter (in.) —

Casing Depth (ft.) —

Lower Drillhole Diameter (in.) 8

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? ___ Feet

(4) Depth to Water (Feet) —

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain ___

Was Casing Cut Off Below Surface?	☐ Yes	☒ No
Did Sealing Material Rise to Surface?	☒ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☒ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material
☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain) ___

(6) Sealing Materials — For monitoring wells and monitoring well boreholes only
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks, Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Chipped Bentonite	Surface	2	1	

(8) Comments: ___

(9) Name of Person or Firm Doing Sealing Work: Craig Plaat - EDS

Signature of Person Doing Work: [signature] Date Signed: 6-1-01

Street or Route: 3671 Monroe Rd Telephone Number: (920) 337-9600

City, State, Zip Code: De Pere, WI 54115

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	Region/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

DNR/COUNTY

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 4-97

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location

County: Outagamie

___ 1/4 of ___ 1/4 of Sec. ___ ; T. ___ N; R. ___ ☐ E ☐ W

(If applicable) ___ Gov't Lot ___ Grid Number

Grid Location ___ ft. ☐ N. ☐ S., ___ ft. ☐ E. ☐ W.

Civil Town Name: Seymour

Street Address of Well: 120 N. Main St.

City, Village: Seymour

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner: Deering Property

Street or Route: 120 N. Main St.

City, State, Zip Code: Seymour, WI

Facility Well No. and/or Name (If Applicable): B2200

WI Unique Well No.: _____

Reason For Abandonment: Sampling Complete

Date of Abandonment: 5-30-01

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 5-30-01

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☐ Yes ☒ No

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 9.5 (From groundsurface)

Casing Diameter (in.) —

Casing Depth (ft.) —

Lower Drillhole Diameter (in.) 8

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) —

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain _____

Was Casing Cut Off Below Surface?	☐ Yes	☒ No
Did Sealing Material Rise to Surface?	☒ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☒ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material
☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain) _____

(6) Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, ~~Sacks~~ Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Chipped Bentonite	Surface	9.5	4	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work: Craig Plant - EDS

Signature of Person Doing Work: [signature] Date Signed: 6-1-01

Street or Route: 3671 Monroe Rd. Telephone Number: (920) 337-9600

City, State, Zip Code: De Pere, WI 54115

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	Region/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

DNR/COUNTY

APPENDIX B3

INVESTIGATIVE WASTE – SOIL DISPOSAL DOCUMENTATION

CSY 03-1109-1162

ADVANCED TANK SERVICE, INC.

P. O. BOX 1072
EAU CLAIRE, WI 54702

Invoice

DATE	INVOICE NO.
12/5/'01	21499

BILL TO
City of Seymour c/o Northern Environmental 954 Circle Drive Green Bay, WI 54304

TERMS	REP	PROJECT
Net 10 days	SRL	City of S...

ITEM	DESCRIPTION	QUANTITY	AMOUNT
Soil Disp...	Soil Disposal - 19 BBL's @ $60.00/bbl	19	1,140.00
Water Dis...	Water Disposal - 5 BBL's @ $60.00/bbl	5	300.00
			0.00

A Service Charge of 1 1/2% per Month will be added to past due accounts.

Total $1,440.00

ok
mc
12-11-01

This Memorandum is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's #

Carrier Agent's No.

RECEIVED, subject to the classifications and tariffs in effect on the date of the receipt by the carrier of the property described in the Original Bill of Lading,

at _____ from _____

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee—For purposes of notification only.)

Consigned to Advanced Tank Service Inc

Destination Ridgeview State of _____ Zip Code _____ County of _____

Routing Direct Delivering Carrier _____ Vehicle or Car Initial _____ No. _____

Collect On Delivery

$ _____ and remit to: _____

_____ Street _____ City _____ State

No. Packages	Description of Articles, Special Marks, and Exceptions	*Weight (Sub. to Cor.)	Class or Rate	Check Column
	City of Seymour	19 BBL's		
	Rec'd 11/30/01			

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight." NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

C. O. D. charge to be paid by { Shipper ☐ Consignee ☐

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statements:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor.)

If charges are to be prepaid, write or stamp here, **"TO BE PREPAID."**

Received $ _____ to apply to prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____

(the signature here acknowledges only the amount Prepaid.)

Charges Advanced:

$ _____

_____ Shipper, Per _____ _____ Agent, Per _____

Permanent post-office address of shipper,

(This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

3

ADVANCED TANK SERVICE, INC.

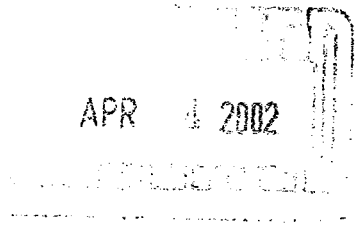
P. O. BOX 1072
EAU CLAIRE, WI 54702

Invoice

DATE	INVOICE NO.
4/1/'02	22056

BILL TO

City of Seymour
c/o Northern Environmental
954 Circle Drive
Green Bay, WI 54304



TERMS	REP	PROJECT
Net 10 days	SRL	City of S...

ITEM	DESCRIPTION	QUANTITY	AMOUNT
Soil Disp...	Soil Disposal - 9 BBL's @ $60.00/bbl	9	540.00
Water Dis...	Water Disposal - 3 BBL's @ $60.00/bbl	3	180.00
			0.00

A Service Charge of 1 1/2% per Month will be added to past due accounts.

Total $720.00

Invoice

No. 491140

WASTE MANAGEMENT

Ridgeview Recycling & Disposal Facility & BioSite
6207 Hempton Lake Road
Whitelaw, Wisconsin 54247-0227
920/732-4473 800/444-7919
Fax 920/732-3758

Bill To:	Send To:
ADVANCED TANK SERVICE INC 1802 GALLOWAY STREET EAU CLAIRE WI 54702	

SALESPERSON	DATE	SHIPPED VIA
MARIE JASZEWSKI	March 27, 2002	KREPLINE TRUCKING
F.O.B.	TERMS	PURCHASE ORDER #
	NET 10 DAYS	

QUANTITY	DESCRIPTION
.74T	RVW BIO 491141 - VANDERTIES OIL COMPANY - GASOLINE AND DIESEL FUEL CONTAMINATED SOIL FOR BIOREMEDIATION - TICKET #412911 - 3/25/02
3.33T	RVW BIO 491140 - CITY OF SEYMOUR - GASOLINE, DIESEL FUEL, AND WASTE OIL CONTAMINATED SOIL FOR BIOREMEDIATION - TICKET #412911 - 3/25/02

APPENDIX C

GROUND-WATER INVESTIGATION

APPENDIX C1

WDNR MONITORING WELL CONSTRUCTION AND WELL DEVELOPMENT FORMS (FORM 4400-113A AND 4400-113B)

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Deering Property	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-100
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: PI0802 / DNR Well ID No.: ____
Facility ID: ____	St. Plane _____ ft. N, _____ ft. E. S, ____	Date Well Installed: 05/01/01 (m m d d y y y y)
Type of Well: Well Code ____1____	Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 33 T. 24 N, R. 18 ☒E ☐W	Well Installed By: Name (first, last) and Firm: Craig Plant / E.D.S.
Distance from Waste/Source ____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: ____

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation 789.6 ft. MSL

C. Land surface elevation 790.01 ft. MSL

D. Surface seal, bottom 789.01 ft. MSL or 1.0 ft.

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

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☒ 41
Other ☐ _____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top 789.01 ft. MSL or 1.0 ft.

F. Fine sand, top 781.01 ft. MSL or 9.0 ft.

G. Filter pack, top 781.01 ft. MSL or 9.0 ft.

H. Screen joint, top 786.01 ft. MSL or 4.0 ft.

I. Well bottom 776.01 ft. MSL or 14.0 ft.

J. Filter pack, bottom 775.51 ft. MSL or 14.5 ft.

K. Borehole, bottom 775.51 ft. MSL or 14.5 ft.

L. Borehole, diameter 8.0 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.07 in.

1. Cap and lock? ☐ Yes ☒ No

2. Protective cover pipe:
a. Inside diameter: 9.0 in.
b. Length: 10 ft.
c. Material: Steel ☒ 04 / Other ☐ ____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ ____

4. Material between well casing and protective pipe:
Bentonite ☒ 30 / Other ☐ ____

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ ____

7. Fine sand material: Manufacturer, product name & mesh size
a. N/A
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 20/40 Badger
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ ____

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ ____
b. Manufacturer Tim Co
c. Slot size: .010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☒ 14 / Other ☐ ____

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

Signature: Craig Plant Firm: E.D.S.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

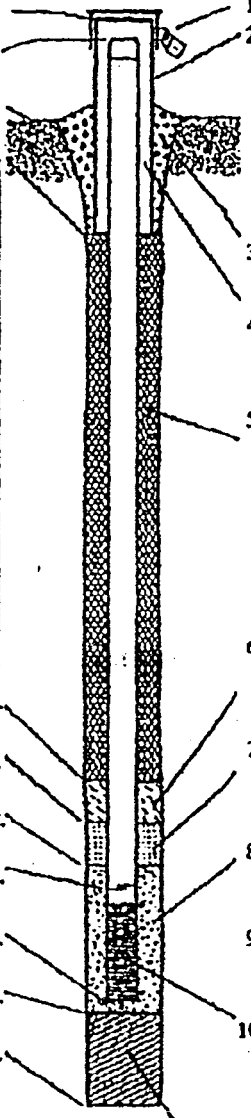
Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Deering Property
Facility License, Permit or Monitoring No.:
Facility ID:
Type of Well — Well Code: 1
Distance from Waste/Source: _____ ft. | Enf. Stds. Apply ☐

Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.
Local Grid Origin ☐ (estimated: ☐) or Well Location ☐
Lat. _____ ° ' " Long. _____ ° ' " or
St. Plane _____ ft. N, _____ ft. E. S, ____
Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 33 T. 24 N, R. 18 ☒E. ☐W.
Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known
Gov. Lot Number:

Well Name: MW-200
Wis. Unique Well No.: PIQ801 | DNR Well ID No.:
Date Well Installed: 05/01/01 (m m d d y y y y)
Well Installed By: Name (first, last) and Firm: Craig Plant / EOS



A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation 789.8 ft. MSL
C. Land surface elevation 790.10 ft. MSL
D. Surface seal, bottom 789.10 ft. MSL or 1.0 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐
13. Sieve analysis performed? ☐ Yes ☒ No
14. Drilling method used: Rotary ☐ 50 | Hollow Stem Auger ☒ 41 | Other ☐
15. Drilling fluid used: Water ☐ 02 | Air ☐ 01 | Drilling Mud ☐ 03 | None ☒ 99
16. Drilling additives used? ☐ Yes ☒ No
Describe _____
17. Source of water (attach analysis, if required):

E. Bentonite seal, top 789.10 ft. MSL or 1.0 ft.
F. Fine sand, top 787.10 ft. MSL or 30 ft.
G. Filter pack, top 787.10 ft. MSL or 30 ft.
H. Screen joint, top 786.10 ft. MSL or 40 ft.
I. Well bottom 776.10 ft. MSL or 140 ft.
J. Filter pack, bottom 775.60 ft. MSL or 145 ft.
K. Borehole, bottom 775.60 ft. MSL or 145 ft.
L. Borehole, diameter 8.0 in.
M. O.D. well casing 2.37 in.
N. I.D. well casing 2.04 in.

1. Cap and lock? ☐ Yes ☒ No
2. Protective cover pipe:
a. Inside diameter: 9.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 04 | Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 | Concrete ☒ 01 | Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☒ 30 | Other ☐ _____
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 | Tremie pumped ☐ 02 | Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
a. N/A
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. 20/40 Badger
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 | Flush threaded PVC schedule 80 ☐ 24 | Other ☐ _____
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 | Continuous slot ☐ 01 | Other ☐ _____
b. Manufacturer Tim Co
c. Slot size: .010 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☒ 14 | Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.
Signature: Craig Plant | Firm: EOS

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Deering Property	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-300
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ___ ° ___ ' ___ " Long. ___ ° ___ ' ___ " or	Wis. Unique Well No.: PIOB03 / DNR Well ID No.: ____
Facility ID: ____	St. Plane _____ ft. N, _____ ft. E. S, ☐E ☐W	Date Well Installed: 05/21/01 (m m d d y y y y)
Type of Well / Well Code: 1	Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 33 T. 24 N, R. 16 ☒E ☐W	Well Installed By: Name (first, last) and Firm: Craig Plant / EOS
Distance from Waste/Source: ____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: ____

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation 789.9 ft. MSL
C. Land surface elevation 790.35 ft. MSL
D. Surface seal, bottom 789.35 ft. MSL or 1.0 ft.

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

13. Sieve analysis performed? ☐ Yes ☒ No

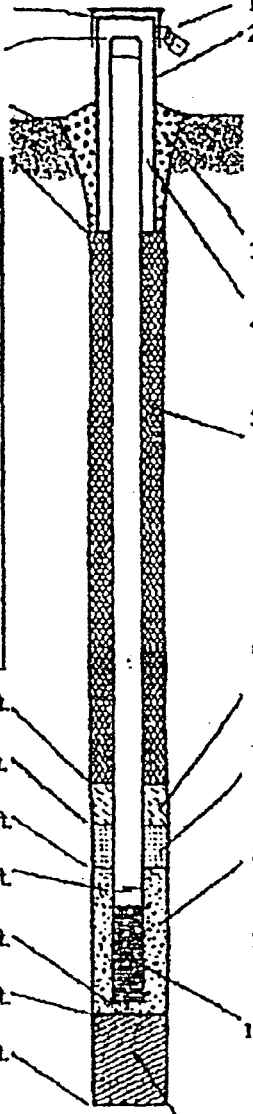
14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐ _____

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required): _____

E. Bentonite seal, top 789.35 ft. MSL or 1.0 ft.
F. Fine sand, top 787.35 ft. MSL or 3.0 ft.
G. Filter pack, top 787.35 ft. MSL or 3.0 ft.
H. Screen joint, top 786.35 ft. MSL or 4.0 ft.
I. Well bottom 776.35 ft. MSL or 14.0 ft.
J. Filter pack, bottom 775.85 ft. MSL or 14.5 ft.
K. Borehole, bottom 775.85 ft. MSL or 14.5 ft.
L. Borehole, diameter 8.0 in.
M. O.D. well casing 2.37 in.
N. I.D. well casing 2.07 in.



1. Cap and lock? ☐ Yes ☒ No
2. Protective cover pipe:
a. Inside diameter: 9.6 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐ _____
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. _____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. N/A
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. 20/40 Badger
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer Tim Co
c. Slot size: .010 in.
d. Slotted length: 1.0 ft.
11. Backfill material (below filter pack): None ☒ 14 / Other ☐ _____

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

Signature: Craig Plant | Firm: E.O.S.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Deering Property	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-400
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ___ ° ___ ' ___ " Long. ___ ° ___ ' ___ " or	Wis. Unique Well No.: PI0804 / DNR Well ID No.: ____
Facility ID: ____	St. Plane _____ ft. N, _____ ft. E, S, ___	Date Well Installed: 05/01/01 (m m d d y y y y)
Type of Well: Well Code ____/____	Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 33 T. 24 N. R. 18 ☒E ☐W	Well Installed By: Name (first, last) and Firm: Craig Plant / E.D.S.
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: _____

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation 789.8 ft. MSL
C. Land surface elevation 790.45 ft. MSL
D. Surface seal, bottom 789.45 ft. MSL or 1.0 ft.

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

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☒ 41
Other ☐ ____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top 789.45 ft. MSL or 1.0 ft.
F. Fine sand, top 787.45 ft. MSL or 3.0 ft.
G. Filter pack, top 787.45 ft. MSL or 3.0 ft.
H. Screen joint, top 786.45 ft. MSL or 4.0 ft.
I. Well bottom 776.45 ft. MSL or 14.0 ft.
J. Filter pack, bottom 775.95 ft. MSL or 14.5 ft.
K. Borehole, bottom 775.95 ft. MSL or 14.5 ft.
L. Borehole, diameter 8.0 in.
M. O.D. well casing 2.37 in.
N. I.D. well casing 2.07 in.

1. Cap and lock? ☐ Yes ☒ No
2. Protective cover pipe:
a. Inside diameter: 9.6 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 04
Other ☐ ____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30
Concrete ☒ 01
Other ☐ ____
4. Material between well casing and protective pipe:
Bentonite ☒ 30
Other ☐ ____
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ ____
7. Fine sand material: Manufacturer, product name & mesh size
a. N/A
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. 20/40 Badger
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23
Flush threaded PVC schedule 80 ☐ 24
Other ☐ ____
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11
Continuous slot ☐ 01
Other ☐ ____
b. Manufacturer Tim Co
c. Slot size: .010 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☒ 14
Other ☐ ____

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

Signature: Craig Plant Firm: E.D.S.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Deering Property	Local Grid Location of Well: ☐N. ft. ☐S. ft. ☐E. ☐W.	Well Name: MW-1700
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: PI0805 / DNR Well ID No.:
Facility ID	St. Plane ft. N, ft. E. S,	Date Well Installed: 05/01/01 (m m d d y y y y)
Type of Well: Well Code 1	Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 33 T. 24 N, R. 18 ☒E ☐W	Well Installed By: Name (first, last) and Firm: Craig Plant / E.D.S.
Distance from Waste/Source ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation 790.1 ft. MSL

C. Land surface elevation 790.66 ft. MSL

D. Surface seal, bottom 789.66 ft. MSL or 1.0 ft.

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

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☒ 41
Other ☐

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe

17. Source of water (attach analysis, if required):

E. Bentonite seal, top 789.66 ft. MSL or 1.0 ft.

F. Fine sand, top 787.66 ft. MSL or 30 ft.

G. Filter pack, top 787.66 ft. MSL or 30 ft.

H. Screen joint, top 786.66 ft. MSL or 40 ft.

I. Well bottom 776.66 ft. MSL or 140 ft.

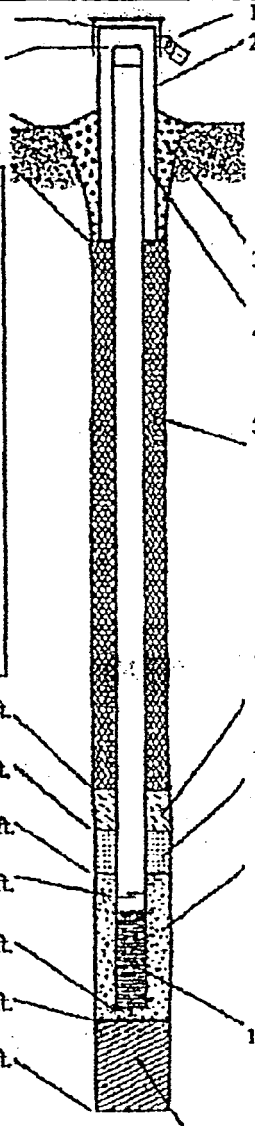
J. Filter pack, bottom 776.16 ft. MSL or 145 ft.

K. Borehole, bottom 776.16 ft. MSL or 145 ft.

L. Borehole, diameter 8.0 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.04 in.



1. Cap and lock? ☐ Yes ☒ No

2. Protective cover pipe:
a. Inside diameter: 9.6 in.
b. Length: 10 ft.
c. Material: Steel ☒ 04 Other ☐
d. Additional protection? ☐ Yes ☐ No
If yes, describe:

3. Surface seal: Bentonite ☐ 30 Concrete ☒ 01 Other ☐

4. Material between well casing and protective pipe: Bentonite ☒ 30 Other ☐

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite chips ☐ 32
c. Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. N/A
b. Volume added ____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 20/40 Badger
b. Volume added ____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 Flush threaded PVC schedule 80 ☐ 24 Other ☐

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 Continuous slot ☐ 01 Other ☐
b. Manufacturer Tim Co
c. Slot size: .010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☒ 14 Other ☐

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

Signature: Craig Plant Firm: E.D.S.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Statr., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Deering Prop.	Local Grid Location of Well: _____ ft. ☐N ☐S _____ ft. ☐E ☐W	Well Name: PZ-1800
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: PZ0806 / DNR Well ID No.: ____
Facility ID: ____	St. Plane _____ ft. N, _____ ft. E. S, ☐E ☐W	Date Well Installed: 05/30/2001 (m m d d y y y y)
Type of Well: Well Code ____ /	Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 33 T. 24 N. R. 18 ☒E ☐W	Well Installed By: Name (first, last) and Firm: Craig Plant / E.D.S.
Distance from Waste/Source ____ ft.	Pref. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known
		Gov. Lot Number: ____

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation 789.9 ft. MSL

C. Land surface elevation 790.06 ft. MSL

D. Surface seal, bottom 789.04 ft. MSL or 1.0 ft.

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

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐ ____

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No

Describe _____

17. Source of water (attach analysis, if required): _____

E. Bentonite seal, top 789.04 ft. MSL or 1.0 ft.

F. Fine sand, top 778.04 ft. MSL or 21.0 ft.

G. Filter pack, top 776.04 ft. MSL or 23.0 ft.

H. Screen joint, top 774.04 ft. MSL or 25.0 ft.

I. Well bottom 769.04 ft. MSL or 30.0 ft.

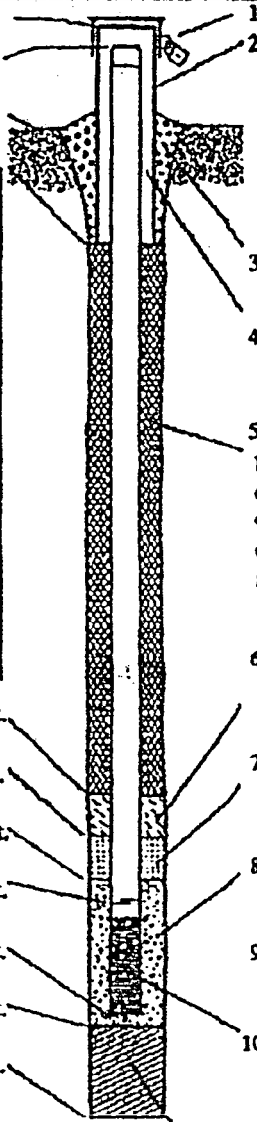
J. Filter pack, bottom 768.54 ft. MSL or 30.5 ft.

K. Borehole, bottom 768.54 ft. MSL or 30.5 ft.

L. Borehole, diameter 12.0 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.04 in.



1. Cap and lock? ☐ Yes ☒ No

2. Protective cover pipe:
a. Inside diameter: 9.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 04 / Other ☐ ____
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ ____

4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐ ____

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft³ volume added for any of the above
f. How Installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ ____

7. Fine sand material: Manufacturer, product name & mesh size
a. 40/60 Badger
b. Volume added _____ Ft³

8. Filter pack material: Manufacturer, product name & mesh size
a. 20/40 Badger
b. Volume added _____ Ft³

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ ____

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ ____
b. Manufacturer Tim CO
c. Slot size: .010 in.
d. Slotted length: 5.0 ft.

11. Backfill material (below filter pack): None ☒ 14 / Other ☐ ____

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

Signature: Craig Plant | Firm: E.D.S.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Peering Prop.	Local Grid Location of Well: ☐N. ft. ☐S. ft. ☐E. ☐W.	Well Name: MW-2300
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: QI0816 / DNR Well ID No.
Facility ID	St. Plane ft. N. ft. E. S.	Date Well Installed: 05/31/01 (m m d d y y y y)
Type of Well / Well Code: /	Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 33 T. 24 N, R. 18 ☒E ☐W	Well Installed By: Name (first, last) and Firm: Craig Plant / EDS
Distance from Waste/Source ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation ft. MSL
B. Well casing, top elevation 789.6 ft. MSL
C. Land surface elevation 790.28 ft. MSL
D. Surface seal, bottom 789.28 ft. MSL or 1.0 ft.

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

13. Sieve analysis performed? ☐ Yes ☒ No

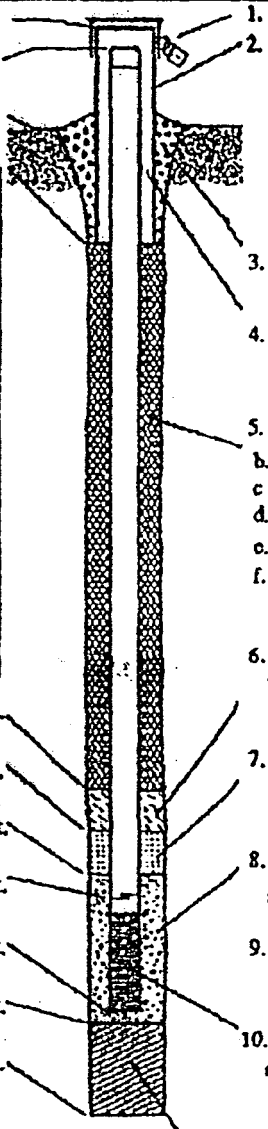
14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe

17. Source of water (attach analysis, if required):

E. Bentonite seal, top 789.28 ft. MSL or 1.0 ft.
F. Fine sand, top 787.28 ft. MSL or 3.0 ft.
G. Filter pack, top 787.28 ft. MSL or 3.0 ft.
H. Screen joint, top 786.28 ft. MSL or 4.0 ft.
I. Well bottom 776.28 ft. MSL or 14.0 ft.
J. Filter pack, bottom 775.78 ft. MSL or 14.5 ft.
K. Borehole, bottom 775.78 ft. MSL or 14.5 ft.
L. Borehole, diameter 8.0 in.
M. O.D. well casing 2.37 in.
N. I.D. well casing 2.04 in.



1. Cap and lock? ☐ Yes ☒ No
2. Protective cover pipe:
a. Inside diameter: 4.0 in.
b. Length: 10 ft.
c. Material: Steel ☒ 04 / Other ☐
d. Additional protection? ☐ Yes ☒ No
If yes, describe:
3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐
4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. ____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. ____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite chips ☐ 32
c. Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
a. N/A
b. Volume added ____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. 20/40 Badger
b. Volume added ____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐
b. Manufacturer Tim Co
c. Slot size: .010 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☒ 14 / Other ☐

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

Signature: Craig Plant | Firm: EDS

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Deering Prop.	Local Grid Location of Well: ____ ft. ☐N ☐S, ____ ft. ☐E ☐W	Well Name: MW-2400
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ____ ° ____ ' ____ " Long. ____ ° ____ ' ____ " or	Wis. Unique Well No.: QE0817 / DNR Well ID No.: ____
Facility ID: ____	St. Plane ____ ft. N, ____ ft. E, ☐S ☐W	Date Well Installed: 05/13/01 (m m d d Y Y Y Y)
Type of Well: Well Code ____ 1 ____	Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 33, T. 24 N, R. 18 ☒E ☐W	Well Installed By: Name (first, last) and Firm: Craig Plant / EDS
Distances from Waste/Source ____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient, s ☐ Sidegradient, d ☐ Downgradient, n ☐ Not Known	Gov. Lot Number: ____

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation 788.8 ft. MSL

C. Land surface elevation 789.33 ft. MSL

D. Surface seal, bottom 788.33 ft. MSL or 1.0 ft.

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

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐ ____

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required): _____

E. Bentonite seal, top 788.33 ft. MSL or 1.0 ft.

F. Fine sand, top 786.33 ft. MSL or 3.0 ft.

G. Filter pack, top 786.33 ft. MSL or 3.0 ft.

H. Screen joint, top 785.33 ft. MSL or 4.0 ft.

I. Well bottom 775.33 ft. MSL or 14.0 ft.

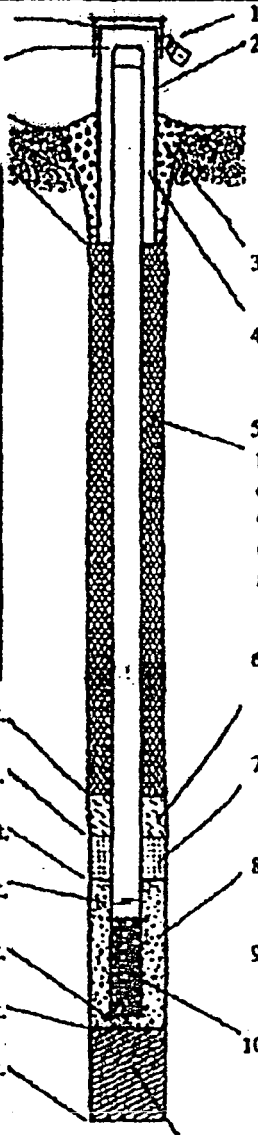
J. Filter pack, bottom 774.83 ft. MSL or 14.5 ft.

K. Borehole, bottom 774.83 ft. MSL or 14.5 ft.

L. Borehole, diameter 8.0 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.04 in.



1. Cap and lock? ☐ Yes ☒ No

2. Protective cover pipe:
a. Inside diameter: 9.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 04 / Other ☐ ____
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ ____

4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐ ____

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. ____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. ____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ ____

7. Fine sand material: Manufacturer, product name & mesh size
a. N/A
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 20/40 Badger
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ ____

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ ____
b. Manufacturer Tim CO
c. Slot size: 010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☒ 14 / Other ☐ ____

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

Signature: Craig Plant | Firm: EDS

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Deering Prop.
Facility License, Permit or Monitoring No.:
Facility ID:
Type of Well: Well Code 1
Distance from Waste/Source _____ ft. | Enf. Stds. Apply ☐

Local Grid Location of Well: ft. N. S. ft. E. W.
Local Grid Origin ☐ (estimated: ☐) or Well Location ☐
Lat. ° ' " Long. ° ' " or
St. Plane ft. N. ft. E.
Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 33 T. 24 N. R. 18 E W
Location of Well Relative to Waste/Source: u ☐ Upgradient d ☐ Downgradient s ☐ Sidegradient n ☐ Not Known
Gov. Lot Number:

Well Name: MW-2500
Wis. Unique Well No.: EI0820
DNR Well ID No.:
Date Well Installed: 05/13/01 (m m d d y y y y)
Well Installed By: Name (first, last) and Firm: Craig Plant / EOS

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation 790.0 ft. MSL
C. Land surface elevation 790.51 ft. MSL
D. Surface seal, bottom 789.51 ft. MSL or 1.0 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐
13. Sieve analysis performed? ☐ Yes ☒ No
14. Drilling method used: Rotary ☐ 50 Hollow Stem Auger ☒ 41 Other ☐
15. Drilling fluid used: Water ☐ 02 Air ☐ 01 Drilling Mud ☐ 03 None ☒ 99
16. Drilling additives used? ☐ Yes ☒ No
Describe _____
17. Source of water (attach analysis, if required):

E. Bentonite seal, top 789.51 ft. MSL or 1.0 ft.
F. Fine sand, top 787.51 ft. MSL or 3.0 ft.
G. Filter pack, top 787.51 ft. MSL or 3.0 ft.
H. Screen joint, top 786.51 ft. MSL or 4.0 ft.
I. Well bottom 776.51 ft. MSL or 14.0 ft.
J. Filter pack, bottom 776.01 ft. MSL or 14.5 ft.
K. Borehole, bottom 776.01 ft. MSL or 14.5 ft.
L. Borehole, diameter 8.0 in.
M. O.D. well casing 2.37 in.
N. I.D. well casing 2.04 in.

1. Cap and lock? ☐ Yes ☒ No
2. Protective cover pipe:
a. Inside diameter: 4.0 in.
b. Length: 10 ft.
c. Material: Steel ☒ 04 Other ☐
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 Concrete ☒ 01 Other ☐
4. Material between well casing and protective pipe: Bentonite ☒ 30 Other ☐
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. ____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. _____ ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
a. N/A
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. 20/40 Badger
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 Flush threaded PVC schedule 80 ☐ 24 Other ☐
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 Continuous slot ☐ 01 Other ☐
b. Manufacturer Tim Co
c. Slot size: .010 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☒ 14 Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowledge.
Signature: Craig Plant Firm: EOS

Please complete both Form 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Deering Prop.	Local Grid Location of Well: ☐N ft. ☐S, ft. ☐E ☐W	Well Name: MW-2600
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: QI0818 / DNR Well ID No.: ___
Facility ID: ___	St. Plane ft. N, ft. E, S,	Date Well Installed: 05/31/01 (m m d d y y y y)
Type of Well: Well Code 1	Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 33 T. 24 N, R. 18 ☒E ☐W	Well Installed By: Name (first, last) and Firm: Craig Plant / EOS
Distance from Waste/Source ___ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: ___

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation 788.8 ft. MSL
C. Land surface elevation 789.1 ft. MSL
D. Surface seal, bottom 788.1 ft. MSL or 1.0 ft.

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

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐ ___

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top 788.1 ft. MSL or 1.0 ft.
F. Fine sand, top 786.1 ft. MSL or 3.0 ft.
G. Filter pack, top 786.1 ft. MSL or 3.0 ft.
H. Screen joint, top 785.1 ft. MSL or 4.0 ft.
I. Well bottom 775.1 ft. MSL or 14.0 ft.
J. Filter pack, bottom 774.6 ft. MSL or 14.5 ft.
K. Borehole, bottom 774.6 ft. MSL or 14.5 ft.
L. Boreholo, diameter 8.0 in.
M. O.D. well casing 2.37 in.
N. I.D. well casing 2.04 in.

1. Cap and lock? ☐ Yes ☒ No
2. Protective cover pipe:
a. Inside diameter: 9.0 in.
b. Length: 10 ft.
c. Material: Steel ☒ 04 / Other ☐ ___
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ ___
4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐ ___
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. ___ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. ___ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. ___ % Bentonite ..... Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How Installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ ___
7. Fine sand material: Manufacturer, product name & mesh size
a. N/A
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. 20/40 Badger
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ ___
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ ___
b. Manufacturer Tim Co
c. Slot size: 010 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☒ 14 / Other ☐ ___

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

Signature: Craig Plant | Firm: EOS

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Deering Prop.	Local Grid Location of Well: ☐ft. ☐N. ☐ft. ☐S. ☐E. ☐W.	Well Name: MW-2700
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: QI0819 / DNR Well ID No.:
Facility ID	St. Plane ft. N. ft. E. S.	Date Well Installed: 05/31/01 (m m d d y y y y)
Type of Well: Well Code 1	Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 33 T. 24 N. R. 18 ☐E ☐W	Well Installed By: Name (first, last) and Firm: Craig Plant / EQS
Distance from Waste/Source ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient, s ☐ Sidegradient, d ☐ Downgradient, n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation 788.69 ft. MSL
C. Land surface elevation 788.89 ft. MSL
D. Surface seal, bottom 787.89 ft. MSL or 1.0 ft.

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

13. Sieve analysis performed? ☐ Yes ☒ No

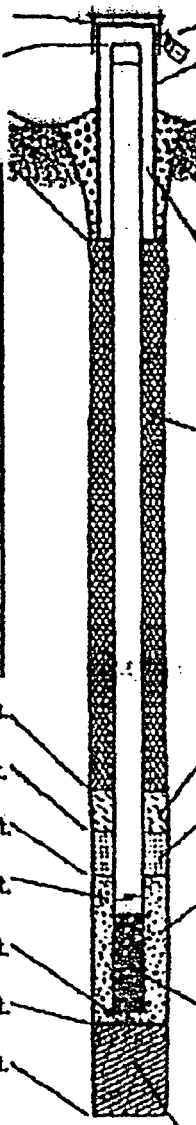
14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐ ____

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top 787.89 ft. MSL or 1.0 ft.
F. Fine sand, top 785.89 ft. MSL or 3.0 ft.
G. Filter pack, top 785.89 ft. MSL or 3.0 ft.
H. Screen joint, top 784.89 ft. MSL or 4.0 ft.
I. Well bottom 774.89 ft. MSL or 14.0 ft.
J. Filter pack, bottom 774.39 ft. MSL or 14.5 ft.
K. Borehole, bottom 774.39 ft. MSL or 14.5 ft.
L. Borehole, diameter 8.0 in.
M. O.D. well casing 2.37 in.
N. I.D. well casing 2.04 in.



1. Cap and lock? ☐ Yes ☒ No
2. Protective cover pipe:
a. Inside diameter: 9.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 04 / Other ☐ ____
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ ____
4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐ ____
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. ____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. ____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. ____ ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ ____
7. Fine sand material: Manufacturer, product name & mesh size
a. N/A
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. 20/40 Badger
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ ____
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ ____
b. Manufacturer Tim Co
c. Slot size: 010 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☒ 14 / Other ☐ ____

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

Signature: Craig Plant | Firm: EQS

Please complete both Form 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Former Deering Prop.	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: PZ-2800
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☒ Lat. _____ ° _____ ' _____ " Long. _____ ° _____ ' _____ " or	Wis. Unique Well No.: PD0647 / DNR Well ID No.: _____
Facility ID: _____	St. Plane _____ ft. N, _____ ft. E. ☐S, ☐W	Date Well Installed: 2 / 21 / 02 (m m d d y y y y)
Type of Well: Well Code PZ / _____	Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 33, T. 24 N, R. 18 ☒E ☐W	Well Installed By: Name (first, last) and Firm: Craig Plant / EDS
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☒ Not Known	Gov. Lot Number: _____

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation 789.69 ft. MSL

C. Land surface elevation 790.2 ft. MSL

D. Surface seal, bottom 789.2 ft. MSL or 1.0 ft.

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

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐ _____

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top 789.2 ft. MSL or 1.0 ft.

F. Fine sand, top 762.2 ft. MSL or 28.0 ft.

G. Filter pack, top 761.2 ft. MSL or 29.0 ft.

H. Screen joint, top 760.2 ft. MSL or 30.0 ft.

I. Well bottom 755.2 ft. MSL or 35.0 ft.

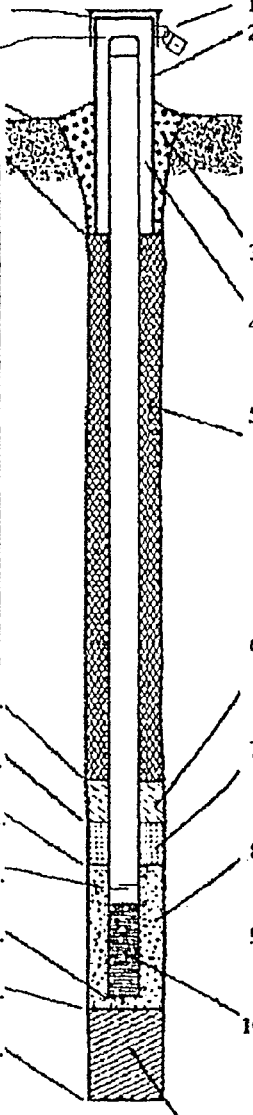
J. Filter pack, bottom 754.7 ft. MSL or 35.5 ft.

K. Borehole, bottom 754.7 ft. MSL or 35.5 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.04 in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 9 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ _____

4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. _____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☒ 33
b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ _____

7. Fine sand material: Manufacturer, product name & mesh size
a. Badger Mining 40/60
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Badger Mining 20/40
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Johnson / Other ☐ _____

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer Johnson
c. Slot size: 0.01 in.
d. Slotted length: _____ ft.

11. Backfill material (below filter pack): None ☒ 14 / Other ☐ _____

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

Signature: Craig Plant | Firm: Environmental Drilling Services, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Former Deering Prop.	Local Grid Location of Well: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.	Well Name: PZ-2900
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☒ Lat. ___ ° ___ ' ___ " Long. ___ ° ___ ' ___ " or	Wis. Unique Well No.: PD0648 / DNR Well ID No.: ____
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 2 / 21 / 02 (m m d d y y y y)
Type of Well: Well Code PZ /	Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 33, T. 24 N, R. 18 ☒ E ☐ W	Well Installed By: Name (first, last) and Firm: Craig Plant / EDS
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☒ Not Known	Gov. Lot Number: ____

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation 788.80 ft. MSL
C. Land surface elevation 789.16 ft. MSL
D. Surface seal, bottom 788.16 ft. MSL or 1.0 ft.

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

13. Sieve analysis performed? ☐ Yes ☒ No

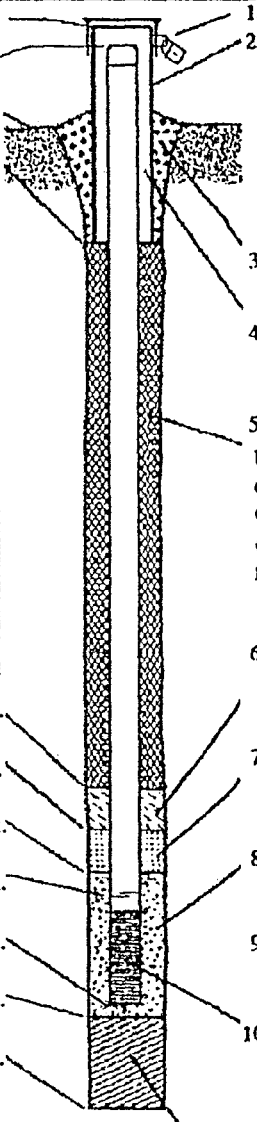
14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐ ____

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top 788.16 ft. MSL or 1.0 ft.
F. Fine sand, top 761.16 ft. MSL or 28.0 ft.
G. Filter pack, top 760.16 ft. MSL or 29.0 ft.
H. Screen joint, top 759.16 ft. MSL or 30.0 ft.
I. Well bottom 754.16 ft. MSL or 35.0 ft.
J. Filter pack, bottom 753.66 ft. MSL or 35.5 ft.
K. Borehole, bottom 753.66 ft. MSL or 35.5 ft.
L. Borehole, diameter 8 in.
M. O.D. well casing 2.37 in.
N. I.D. well casing 2.04 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 9 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 / Other ☐ ____
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ ____
4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐ ____
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☒ 33
b. ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ ____
7. Fine sand material: Manufacturer, product name & mesh size
a. Badger Mining 40/60
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. Badger Mining 20/40
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Johnson / Other ☐ ____
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ ____
b. Manufacturer Johnson
c. Slot size: 0.01 in.
d. Slotted length: ____ ft.
11. Backfill material (below filter pack): None ☒ 14 / Other ☐ ____

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

Signature: Craig Plant | Firm: Environmental Drilling Services, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Former Deering Prop.	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: PZ-3000
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☒ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: PP0649 / DNR Well ID No.:
Facility ID	St. Plane _____ ft. N, _____ ft. E. S,	Date Well Installed: 2/21/02 (m m d d y y y y)
Type of Well: Well Code PZ /	Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 33, T. 24 N, R. 18 ☒E ☐W	Well Installed By: Name (first, last) and Firm: Craig Plant / EDS
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☒ Not Known	Gov. Lot Number:

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation 788.58 ft. MSL

C. Land surface elevation 788.04 ft. MSL

D. Surface seal, bottom 787.04 ft. MSL or 1.0 ft.

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

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No

Describe _____

17. Source of water (attach analysis, if required):

E. Bentonite seal, top 787.04 ft. MSL or 1.0 ft.

F. Fine sand, top 760.04 ft. MSL or 28.0 ft.

G. Filter pack, top 759.04 ft. MSL or 29.0 ft.

H. Screen joint, top 758.04 ft. MSL or 30.0 ft.

I. Well bottom 753.04 ft. MSL or 35.0 ft.

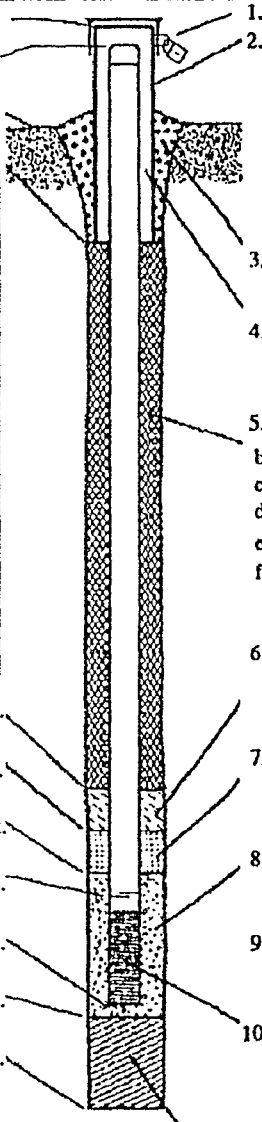
J. Filter pack, bottom 752.54 ft. MSL or 35.5 ft.

K. Borehole, bottom 752.54 ft. MSL or 35.5 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.04 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 9 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 / Other ☐
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐
4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☒ 33
b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
a. Badger Mining 40/60
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. Badger Mining 20/40
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Johnson / Other ☐
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐
b. Manufacturer Johnson
c. Slot size: 0.01 in.
d. Slotted length: _____ ft.
11. Backfill material (below filter pack): None ☒ 14 / Other ☐

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

Signature	Firm
Craig Plant	Environmental Drilling Services, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Former Deering Prop.	Local Grid Location of Well: _____ ft. ☐S. _____ ft. ☐W. (N. / E.)	Well Name: PZ-3100
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☒ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: PD0650 / DNR Well ID No.: ____
Facility ID: _____	St. Plane _____ ft. N, _____ ft. E. S ☐	Date Well Installed: 2 / 21 / 02 (m m d d y y y y)
Type of Well: Well Code PZ / ____	Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 33, T. 24 N, R. 18 ☐E ☒W	Well Installed By: Name (first, last) and Firm: Craig Plant / EDS
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☒ Not Known	Gov. Lot Number: _____

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation 789.02 ft. MSL

C. Land surface elevation 789.4 ft. MSL

D. Surface seal, bottom 788.4 ft. MSL or 1.0 ft.

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

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐ _____

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top 788.4 ft. MSL or 1.0 ft.

F. Fine sand, top 747.4 ft. MSL or 42.0 ft.

G. Filter pack, top 746.4 ft. MSL or 43.0 ft.

H. Screen joint, top 744.4 ft. MSL or 45.0 ft.

I. Well bottom 739.4 ft. MSL or 50.0 ft.

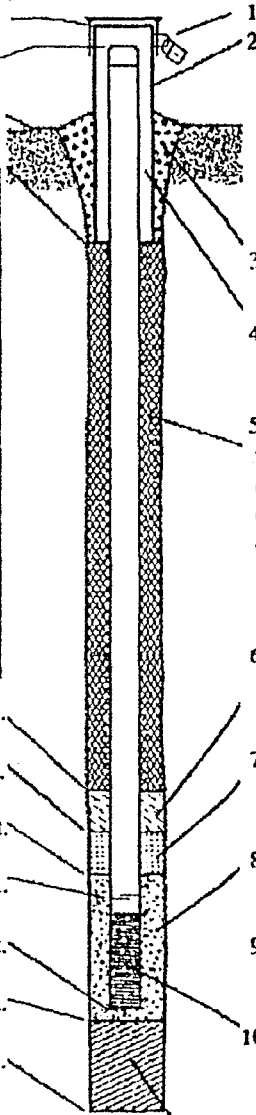
J. Filter pack, bottom 738.9 ft. MSL or 50.5 ft.

K. Borehole, bottom 738.9 ft. MSL or 50.5 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.04 in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 9 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 / Other ☐ ____
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ ____

4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐ ____

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☒ 33
b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ ____

7. Fine sand material: Manufacturer, product name & mesh size
a. Badger Mining 40/60
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Badger Mining 20/40
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Johnson / Other ☐ ____

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ ____
b. Manufacturer Johnson
c. Slot size: 0.01 in.
d. Slotted length: ____ ft.

11. Backfill material (below filter pack): None ☒ 14 / Other ☐ ____

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

Signature: Craig Plant | Firm: Environmental Drilling Services, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
Former Deering Property CSY 03-1109-1162	Outagamie	MW 100

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	45	PI0802	___

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☐	51
pumped slowly	☐	50
Other _____	☐	

3. Time spent developing well 115 min.

4. Depth of well (from top of well casisng) 14.0 ft.

5. Inside diameter of well 2.04 in.

6. Volume of water in filter pack and well casing 2.9 gal.

7. Volume of water removed from well 17.5 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added NA

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)
NA

	Before Development	After Development
11. Depth to Water (from top of well casing) a.	4.02 ft.	7.58 ft.
Date b. (m m d d y y y y)	05/08/2001	05/08/2001
Time c.	8:38 ☒ a.m. ☐ p.m.	4:22 ☐ a.m. ☒ p.m.
12. Sediment in well bottom	0.4 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15	Clear ☐ 20 Turbid ☒ 25
(Describe)	Very cloudy	Slightly cloudy
14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: Nicole Last Name: LaPlant
Firm: Northern Environmental

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Michael Last Name: Pepin
Facility/Firm: City of Seymour - Director of Public Works
Street: 445 Municipal Drive
City/State/Zip: Seymour, WI 54165

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Jeff Brand
Print Name: Jeff Brand
Firm: Northern Environmental

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
Former Deering Property CSY 03-1109-9162	Outagamie	MW200

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	45	PI0801	___

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☐	51
pumped slowly	☒	50
Other _____	☐	

3. Time spent developing well 82 min.

4. Depth of well (from top of well casisng) 14.0 ft.

5. Inside diameter of well 2.04 in.

6. Volume of water in filter pack and well casing 2.7 gal.

7. Volume of water removed from well 45.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added NA

10. Analysis performed on water added? ☐ Yes ☐ No (If yes, attach results)
NA

	Before Development	After Development
11. Depth to Water (from top of well casing) a.	4.93 ft.	4.19 ft.
Date b. (m m d d y y y y)	05/08/2001	05/08/2001
Time c.	8:36 ☒ a.m. ☐ p.m.	4:20 ☐ a.m. ☒ p.m.
12. Sediment in well bottom	0.0 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe)	Clear ☒ 20 Turbid ☐ 25 (Describe)
14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: Nicole Last Name: LaPlant
Firm: Northern Environmental

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Michael Last Name: Pepin
Facility/Firm: City of Seymour - Director of Public Works
Street: 445 Municipal Drive
City/State/Zip: Seymour, WI 54165

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Jeff Brand
Print Name: Jeff Brand
Firm: Northern Environmental

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
former Deising Property CSY 03-1109-1162	Outagamie	MW 300

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	45	PI0803	___

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☒ 50
Other _____	☐

3. Time spent developing well 122 min.

4. Depth of well (from top of well casisng) 14.0 ft.

5. Inside diameter of well 2.04 in.

6. Volume of water in filter pack and well casing 3.4 gal.

7. Volume of water removed from well 430 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added NA

10. Analysis performed on water added? ☐ Yes ☐ No (If yes, attach results)
NA

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 2.21 ft.	2.29 ft.
Date	b. 05/08/2001 (m m d d y y y y)	05/08/2001 (m m d d y y y y)
Time	c. 8:34 ☒ a.m. ☐ p.m.	4:18 ☐ a.m. ☐ p.m.
12. Sediment in well bottom	4.6 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe) muddy	Clear ☐ 20 Turbid ☒ 25 (Describe) cloudy
14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: Kevin Last Name: Eibenholz
Firm: Northern Environmental

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Michael Last Name: Pepin
Facility/Firm: City of Seymour - Director of Public Works
Street: 445 Municipal Drive
City/State/Zip: Seymour, WI 54165

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Jeff Brand
Print Name: Jeff Brand
Firm: Northern Environmental

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
Former Deering Property CSY 03-1109-1162	Outagamie	MW 400

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	45	PI0804	___

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☐	51
pumped slowly	☐	50
Other _____	☐	___

3. Time spent developing well 124 min.

4. Depth of well (from top of well casisng) 14.0 ft.

5. Inside diameter of well 2.04 in.

6. Volume of water in filter pack and well casing 3.2 gal.

7. Volume of water removed from well 36.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added NA

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)
NA

	Before Development	After Development
11. Depth to Water (from top of well casing) a.	2.85 ft.	3.09 ft.
Date b. (m m d d y y y y)	05/08/2001	05/08/2001
Time c.	8:32 ☒ a.m. ☐ p.m.	4:17 ☐ a.m. ☒ p.m.
12. Sediment in well bottom	0.0 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe) muddy	Clear ☐ 20 Turbid ☒ 25 (Describe) Cloudy

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Kevin Last Name: Eisenholzl
Firm: Northern Environmental

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Michael Last Name: Pepin
Facility/Firm: City of Seymour Director of Public Works
Street: 445 municipal Drive
City/State/Zip: Seymour, WI 54165

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Jeff Brand
Print Name: Jeff Brand
Firm: Northern Environmental

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Former Dressing Property

Facility/Project Name	County Name	Well Name
CSY 03-1109-1162	Outagamie	mw 1700
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number**	**DNR Well ID Number**
	45	PI0805	___

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☐	51
pumped slowly	☐	50
Other _____	☐	

3. Time spent developing well 140 min.

4. Depth of well (from top of well casisng) 14.0 ft.

5. Inside diameter of well 2.04 in.

6. Volume of water in filter pack and well casing 3.6 gal.

7. Volume of water removed from well 47.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added NA

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)
NA

	Before Development	After Development
11. Depth to Water (from top of well casing) a.	1.80 ft.	2.66 ft.
Date b. (m m d d y y y y)	05/08/2001	05/08/2001
Time c.	8:30 ☒ a.m. ☐ p.m.	4:15 ☐ a.m. ☒ p.m.
12. Sediment in well bottom	0.0 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe) Very Cloudy	Clear ☐ 20 Turbid ☒ 25 (Describe) Cloudy
14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: Nicole Last Name: LaPlant
Firm: Northern Environmental

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Michael Last Name: Pepin
Facility/Firm: City of Seymour Director of Public Works
Street: 445 municipal Drive
City/State/Zip: Seymour, WI 54165

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Jeff Brand
Print Name: Jeff Brand
Firm: Northern Environmental

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Kosmer Dressing Property

Facility/Project Name	County Name	Well Name
CSY 03-1109-1162	Outagamie	Pz1800

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	45	PI0806	___

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☐	51
pumped slowly	☐	50
Other _____	☐	

3. Time spent developing well 242 min.

4. Depth of well (from top of well casisng) 30.0 ft.

5. Inside diameter of well 2.04 in.

6. Volume of water in filter pack and well casing 1.2 gal.

7. Volume of water removed from well 125 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added NA

10. Analysis performed on water added? ☐ Yes ☐ No (If yes, attach results)
NA

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 28.10 ft.	25.30 ft.
Date	b. 05/30/2001 (m m d d y y y y)	05/31/2001 (m m d d y y y y)
Time	c. 3:22 ☐ a.m. ☒ p.m.	12:20 ☐ a.m. ☒ p.m.
12. Sediment in well bottom	0.0 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe) Very muddy	Clear ☐ 20 Turbid ☒ 25 (Describe) Cloudy/muddy
14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: Lynelle Last Name: Caine
Firm: Northern Environmental

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Michael Last Name: Pepin
Facility/Firm: City of Seymour Director of Public Works
Street: 445 municipal Drive
City/State/Zip: Seymour, WI 54165

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Jeff Brand
Print Name: Jeff Brand
Firm: Northern Environmental

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
Former Deering Property CSY 03 1109 1162	Outagamie	MW 2300

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	45	PI0816	___

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 124 min.

4. Depth of well (from top of well casisng) 14.0 ft.

5. Inside diameter of well 2.04 in.

6. Volume of water in filter pack and well casing 1.4 gal.

7. Volume of water removed from well 10.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added NA

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)
NA

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 8.40 ft.	5.49 ft.
Date	b. 05/31/2001 (m m d d y y y y)	06/19/2001 (m m d d y y y y)
Time	c. 12:20 ☐ a.m. ☒ p.m.	12:11 ☐ a.m. ☒ p.m.
12. Sediment in well bottom	0.0 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe) Cloudy	Clear ☐ 20 Turbid ☒ 25 (Describe) slightly cloudy
14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: Nicole Last Name: LaPlant
Firm: Northern Environmental

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Michael Last Name: Pepin
Facility/Firm: City of Seymour Director of Public Works
Street: 445 Municipal Drive
City/State/Zip: Seymour, WI 54165

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Jeff Brand
Print Name: Jeff Brand
Firm: Northern Environmental

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
Former Deering Property CSY 03-1109-1162	Outagamie	MW2400

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	45	PI0817	___

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐ [illegible]

3. Time spent developing well 150 min.

4. Depth of well (from top of well casisng) 14.0 ft.

5. Inside diameter of well 2.04 in.

6. Volume of water in filter pack and well casing 1.3 gal.

7. Volume of water removed from well 200.0 gal.

8. Volume of water added (if any) 00.0 gal.

9. Source of water added NA

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)
NA

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 9.03 ft.	6.49 ft.
Date	b. 05/30/2001	06/19/2001
Time	c. 5:44 ☐ a.m. ☒ p.m.	12:04 ☐ a.m. ☒ p.m.
12. Sediment in well bottom	0.0 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe) Very muddy	Clear ☐ 20 Turbid ☒ 25 (Describe) cloudy
14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: Lynelle Last Name: Caine
Firm: Northern Environmental

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Michael Last Name: Pepin
Facility/Firm: City of Seymour Director of Public Works
Street: 445 Municipal Drive
City/State/Zip: Seymour, WI 54165

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Jeff Brand
Print Name: Jeff Brand
Firm: Northern Environmental

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Former Deering Property Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
CSY 03-1109-1162	Outagamie	MW 2500
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number**	**DNR Well ID Number**
	45	PI0820	___

1. Can this well be purged dry? ☐ Yes ☒ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 107 min.

4. Depth of well (from top of well casisng) 14.0 ft.

5. Inside diameter of well 2.04 in.

6. Volume of water in filter pack and well casing 2.6 gal.

7. Volume of water removed from well 55.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added NA

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)
NA

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 4.45 ft.	3.70 ft.
Date	b. 05/31/2001 (m m d d y y y y)	06/19/2001 (m m d d y y y y)
Time	c. 12:20 ☐ a.m. ☒ p.m.	11:45 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	0.0 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe) cloudy/muddy	Clear ☐ 20 Turbid ☒ 25 (Describe) cloudy/muddy

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Nicole Last Name: Hallant
Firm: Northern Environmental

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Michael Last Name: Pepin
Facility/Firm: City of Seymour Director of Public Works
Street: 445 Municipal Drive
City/State/Zip: Seymour, WI 54165

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Jeff Brand
Print Name: Jeff Brand
Firm: Northern Environmental

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
Formes Dressing Property CSY 03-1109-1162	Outagamie	MW2600

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	45	PI0818	___

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 23 min.

4. Depth of well (from top of well casisng) 14.0 ft.

5. Inside diameter of well 2.04 in.

6. Volume of water in filter pack and well casing 1.4 gal.

7. Volume of water removed from well 10.5 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added NA

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)
NA

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 8.73 ft.	5.30 ft.
Date	b. 05/31/2001 (m m d d y y y y)	06/19/2001 (m m d d y y y y)
Time	c. 12:20 ☐ a.m. ☒ p.m.	11:53 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	0.0 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe) Slightly cloudy	Clear ☐ 20 Turbid ☒ 25 (Describe) Slightly cloudy
14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: Nicole Last Name: LaPlant
Firm: Northern Environmental

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Michael Last Name: Pepin
Facility/Firm: City of Seymour Director of Public Works
Street: 445 Municipal Drive
City/State/Zip: Seymour, WI 54165

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Jeff Brand
Print Name: Jeff Brand
Firm: Northern Environmental

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Former Deering Property

Facility/Project Name	County Name	Well Name
CSY 03-1109-1162	Outagamie	MW2700
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number**	**DNR Well ID Number**
	45	PI0819	___

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☐	51
pumped slowly	☐	50
Other _____	☐	

3. Time spent developing well 120 min.

4. Depth of well (from top of well casisng) 14.0 ft.

5. Inside diameter of well 2.04 in.

6. Volume of water in filter pack and well casing 2.3 gal.

7. Volume of water removed from well 20.5 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added NA

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)
NA

	Before Development	After Development
11. Depth to Water (from top of well casing) a.	5.55 ft.	4.98 ft.
Date b. (mm dd yyyy)	05/31/2001	06/19/2001
Time c.	12:20 ☐ a.m. ☒ p.m.	11:59 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	0.0 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe) cloudy/muddy	Clear ☐ 20 Turbid ☒ 25 (Describe) cloudy

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Nicole Last Name: LaPlant
Firm: Northern Environmental

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Michael Last Name: Pepin
Facility/Firm: City of Seymour Director of Public Works
Street: 445 Municipal Drive
City/State/Zip: Seymour, WI 54165

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Jeff Brandl
Print Name: Jeff Brandl
Firm: Northern Environmental

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	County	Well Name
Former Deering Property	Outagamie	PZ2800

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well Number
03-45-217425	45		

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method:

surged with bailer and bailed	☒	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed, and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☐	51
pumped slowly	☐	50
other _____	☐	

3. Time spent developing well 175 min.

4. Depth of well (from top of well casing) 34.5 ft.

5. Inside diameter of well 2.00 in.

6. Volume of water in filter pack and well casing 9.1 gal.

7. Volume of water removed from well 17.8 gal.

8. Volume of water added (if any) gal.

9. Source of water added _____

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing) a.	24.87 ft.	27.60 ft.
Date b.	2/22/2002	3/4/2002
Time c.	09:50 ☒ a.m. ☐ p.m.	03:58 ☐ a.m. ☒ p.m.
12. Sediment in well bottom	0.2 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe) Very Muddy	Clear ☐ 20 Turbid ☒ 25 (Describe) Cloudy

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l

16. Well developed by: Person's Name and Firm
Kevin Eibenholzl
Northern Environmental

17. Additional comments on development:

Facility Address or Owner/Responsible Party Address

Name: Michael Pepin

Firm: City of Seymour - Dir. of Public Works

Street: 445 Municipal Drive

City/State/Zip: Seymour, WI 54165

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

Signature: Kevin Eibenholzl

Print Name: Kevin Eibenholzl

Firm: Northern Environmental

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	County	Well Name
Former Deering Property	Outagamie	PZ2900
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number**	**DNR Well Number**
03-45-217425	45		

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method:

surged with bailer and bailed	☒	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed, and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☐	51
pumped slowly	☐	50
other _____	☐	[illegible]

3. Time spent developing well 190 min.

4. Depth of well (from top of well casing) 34.6 ft.

5. Inside diameter of well 2.00 in.

6. Volume of water in filter pack and well casing 9.7 gal.

7. Volume of water removed from well 12.5 gal.

8. Volume of water added (if any) gal.

9. Source of water added _____

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

		Before Development	After Development
11. Depth to Water (from top of well casing)	a.	21.69 ft.	33.54 ft.
Date	b.	2/22/2002	3/4/2002
Time	c.	09:44 ☒ a.m. ☐ p.m.	03:47 ☐ a.m. ☒ p.m.
12. Sediment in well bottom		0.2 inches	0.0 inches
13. Water clarity		Clear ☐ 10 Turbid ☒ 15 (Describe) Very Muddy	Clear ☐ 20 Turbid ☒ 25 (Describe) Very Muddy

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l

16. Well developed by: Person's Name and Firm
Kevin Eibenholzl
Northern Environmental

17. Additional comments on development:

Facility Address or Owner/Responsible Party Address

Name: Michael Pepin

Firm: City of Seymour - Dir. of Public Works

Street: 445 Municipal Drive

City/State/Zip: Seymour, WI 54165

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

Signature: Kevin Eibenholzl

Print Name: Kevin Eibenholzl

Firm: Northern Environmental

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	County	Well Name
Former Deering Property	Outagamie	PZ3000

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well Number
03-45-217425	45		

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method:

surged with bailer and bailed	☒	4 1
surged with bailer and pumped	☐	6 1
surged with block and bailed	☐	4 2
surged with block and pumped	☐	6 2
surged with block, bailed, and pumped	☐	7 0
compressed air	☐	2 0
bailed only	☐	1 0
pumped only	☐	5 1
pumped slowly	☐	5 0
other _____	☐	

3. Time spent developing well 190 min.

4. Depth of well (from top of well casing) 34.5 ft.

5. Inside diameter of well 2.00 in.

6. Volume of water in filter pack and well easing 9.0 gal.

7. Volume of water removed from well 15.0 gal.

8. Volume of water added (if any) gal.

9. Source of water added _____

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

		Before Development	After Development
11. Depth to Water (from top of well casing)	a.	25.58 ft.	33.15 ft.
Date	b.	2/22/2002	3/4/2002
Time	c.	09:47 ☒ a.m. ☐ p.m.	03:50 ☐ a.m. ☒ p.m.
12. Sediment in well bottom		0.2 inches	0.0 inches
13. Water clarity		Clear ☐ 1 0 Turbid ☒ 1 5 (Describe) Very Muddy	Clear ☐ 2 0 Turbid ☒ 2 5 (Describe) Cloudy-Muddy

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids		mg/l	mg/l
15. COD		mg/l	mg/l

16. Well developed by: Person's Name and Firm
Kevin Eibenholzl
Northern Environmental

17. Additional comments on development:

Facility Address or Owner/Responsible Party Address

Name: Michael Pepin

Firm: City of Seymour - Dir. of Public Works

Street: 445 Municipal Drive

City/State/Zip: Seymour, WI 54165

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

Signature: Kevin Eibenholzl

Print Name: Kevin Eibenholzl

Firm: Northern Environmental

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	County	Well Name
Former Deering Property	Outagamie	PZ3100

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well Number
03-45-217425	45		

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method:

surged with bailer and bailed	☒	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed, and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☐	51
pumped slowly	☐	50
other _____	☐	

3. Time spent developing well 111 min.

4. Depth of well (from top of well casing) 48.6 ft.

5. Inside diameter of well 2.00 in.

6. Volume of water in filter pack and well casing 11.4 gal.

7. Volume of water removed from well 40.0 gal.

8. Volume of water added (if any) gal.

9. Source of water added _____

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing) a.	24.52 ft.	24.50 ft.
Date b.	2/22/2002	3/4/2002
Time c.	☒ a.m. 09:53 ☐ p.m.	☐ a.m. 03:55 ☒ p.m.
12. Sediment in well bottom	0.3 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe) Muddy	Clear ☒ 20 Turbid ☐ 25 (Describe) Slightly Cloudy

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l

16. Well developed by: Person's Name and Firm
Kevin Eibenholzl
Northern Environmental

17. Additional comments on development:

Facility Address or Owner/Responsible Party Address

Name: Michael Pepin
Firm: City of Seymour - Dir. of Public Works
Street: 445 Municipal Drive
City/State/Zip: Seymour, WI 54165

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

Signature: _____
Print Name: Kevin Eibenholzl
Firm: Northern Environmental

APPENDIX C2

WDNR GROUND-WATER MONITORING WELL INFORMATION FORM (FORM 4400-89)

State of Wisconsin
Department of Natural Resources

GROUNDWATER MONITORING WELL INFORMATION FORM
Chapter 144. Wis. Stats.
Form 4400-89 Rev. 1-90

Facility Name: **Former Deering Property**
Facility ID Number:
Date: **03/19/02**
Completed By (Name and Firm): **Northern Environmental Technologies, Inc.**

Well Name	DNR Well ID Number	Well Location	N	E	S	W	Date Established	Well Casing Diam.	Well Casing Type	Elevations Top of Well Casing	Elevations Ground Surface	Reference MSL (3)	Reference Site Datum (3)	Screen Length	Well Depth	Type of Well (3) Piez	OW	PW	LYS	Other	Abandoned	Enf. Stds Apply	Gradient U, S, D or N
MW100							05/01/01	2 in.	PVC	789.62	790.07	X		10 ft.	14 ft.		X						S
MW200							05/01/01	2 in.	PVC	789.79	790.1	X		10 ft.	14 ft.		X						D
MW300							05/01/01	2 in.	PVC	789.86	790.35	X		10 ft.	14 ft.		X						N
MW400							05/01/01	2 in.	PVC	789.8	790.45	X		10 ft.	14 ft.		X						S
MW1700							05/01/01	2 in.	PVC	790.13	790.66	X		10 ft.	14 ft.		X						U
PZ1800							05/01/01	2 in.	PVC	789.88	790.06	X		5 ft.	30 ft.			X					D
MW2300							05/01/01	2 in.	PVC	789.64	790.28	X		10 ft.	14 ft.		X						S
MW2400							05/01/01	2 in.	PVC	788.83	789.33	X		10 ft.	14 ft.		X						D
MW2500							05/01/01	2 in.	PVC	789.99	790.51	X		10 ft.	14 ft.		X						S
MW2600							05/01/01	2 in.	PVC	788.79	789.17	X		10 ft.	14 ft.		X						D
MW2700							05/01/01	2 in.	PVC	788.55	788.89	X		10 ft.	14 ft.		X						D
PZ2800							02/20/02	2 in.	PVC	789.69	790.2	X		5 ft.	35 ft.			X					S
PZ2900							02/20/02	2 in.	PVC	788.8	789.16	X		5 ft.	35 ft.			X					D
PZ3000							02/21/02	2 in.	PVC	788.52	789.04	X		5 ft.	35 ft.			X					D
PZ3100							02/21/02	2 in.	PVC	789.02	789.4	X		5 ft.	50 ft.			X					D

Location Coordinates Are:

Local Grid System ☐ (perferred)
State Plane Coordinates ☐ Northern ☐ Central

Remarks:

PSS Use:
File Maint. Completed: _____
Other _____

APPENDIX C3

WELL DEVELOPMENT AND PURGE WATER DISPOSAL DOCUMENTATION

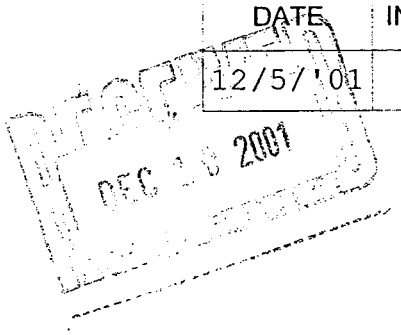
CSY 03-1109-1162

ADVANCED TANK SERVICE, INC.

P. O. BOX 1072
EAU CLAIRE, WI 54702

Invoice

DATE	INVOICE NO.
12/5/'01	21499



BILL TO
City of Seymour c/o Northern Environmental 954 Circle Drive Green Bay, WI 54304

TERMS	REP	PROJECT
Net 10 days	SRL	City of S...

ITEM	DESCRIPTION	QUANTITY	AMOUNT
Soil Disp...	Soil Disposal - 19 BBL's @ $60.00/bbl	19	1,140.00
Water Dis...	Water Disposal - 5 BBL's @ $60.00/bbl	5	300.00
			0.00

A Service Charge of 1 1/2% per Month will be added to past due accounts.

Total $1,440.00

ok mll 12-11-01

This Memorandum is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of ... is intended solely for filing or record.

Shipper's #

Carrier

Agent's No.

RECEIVED, subject to the classifications and tariffs in effect on the date of the receipt by the carrier of the property described in the Original Bill of Lading,

at _____ from City of Seymour

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Consigned to Advanced Bank Service Inc (Mail or street address of consignee – For purposes of notification only.)

Destination E.C. Waste Water Plant (Street) (City) State of WI Zip Code 54703 County of Eau Claire

Routing 1 truck Delivering Carrier _____ Vehicle or Car Initial _____ No. _____

Collect On Delivery

$ _____ and remit to: _____

_____ Street _____ City _____ State

C. O. D. charge to be paid by { Shipper ☐ Consignee ☐

No. Packages	Description of Articles, Special Marks, and Exceptions	*Weight (Sub. to Cor.)	Class or Rate	Check Column
	5 BBLS #120			

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statements:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor.)

If charges are to be prepaid, write or stamp here, **"TO BE PREPAID."**

Received $_____ to apply to prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____
(the signature here acknowledges only the amount Prepaid.)

Charges Advanced:

$ _____

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight." NOTE – Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

_____ Shipper, Per _____ _____ Agent, Per _____

Permanent post-office address of shipper, _____

(This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

3

ADVANCED TANK SERVICE, INC.

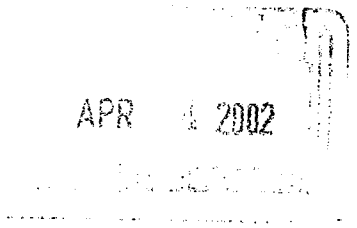
P. O. BOX 1072
EAU CLAIRE, WI 54702

Invoice

DATE	INVOICE NO.
4/1/'02	22056

BILL TO

City of Seymour
c/o Northern Environmental
954 Circle Drive
Green Bay, WI 54304



TERMS	REP	PROJECT
Net 10 days	SRL	City of S...

ITEM	DESCRIPTION	QUANTITY	AMOUNT
Soil Disp...	Soil Disposal - 9 BBL's @ $60.00/bbl	9	540.00
Water Dis...	Water Disposal - 3 BBL's @ $60.00/bbl	3	180.00
			0.00

A Service Charge of 1 1/2% per Month will be added to past due accounts.

Total $720.00

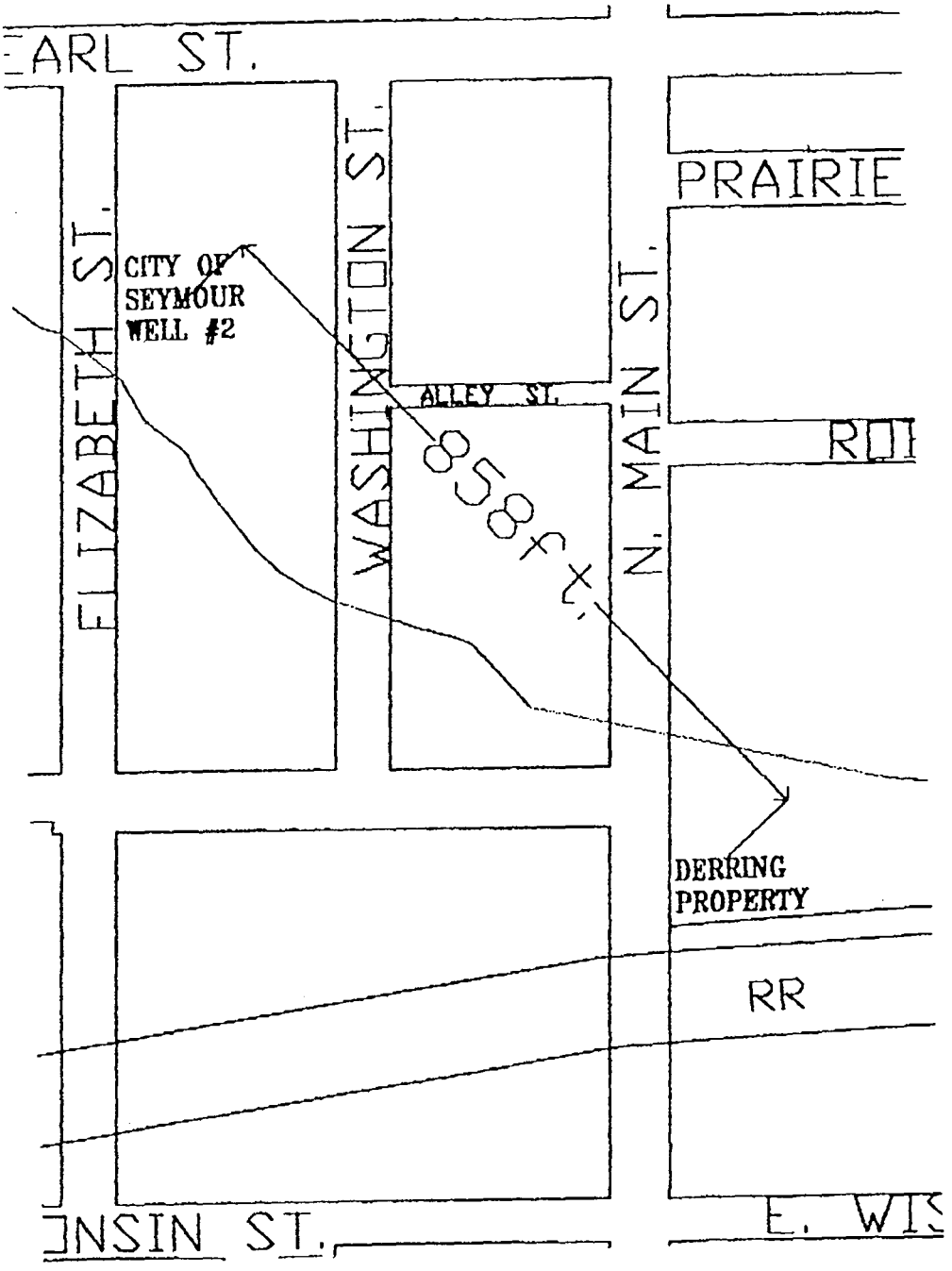
APPENDIX D

MUNICIPAL WELL CONSTRUCTION REPORT

Post-it® Fax Note 7671	Date 4/26/01	# of pages ▶ 1
To Lynelle Caine	From Michael Pepin	
Co./Dept.	Co. City of Seymour	
Phone #	Phone # (920)833-2397	
Fax # 920-592-8444	Fax # (920)833-2602	

CITY OF SEYMOUR

SCALE 1"= 200'



Well Construction Report For
WISCONSIN UNIQUE WELL NUMBER **AT094**

Property Owner: CITY OF SEYMOUR | Telephone Number: 414 – 833 – 2397

Mailing Address: 800 W PEARL

City: SEYMOUR | State: WI | Zip Code: 54165

County of Well Location: OUTAGAMIE | Co. Well Permit No. | Well Completion Date: December 30, 1989

Cnty: 45 | Well Constructor (Business Name): C T W CORP | License #: 0364

Dist: 4 | Address: PO BOX 994

City: WAUKESHA | State: WI | Zip Code: 53187

M (M=Munic. O=OTM N=NonCom P=Priv Z=Other X=Non-Pot. A=Anode L-Loop H=Drillhole)

2. Dates: 01/16/90 Rc'd; 12/16/98 Create; 12/20/91 Last FM

1. Well Location [Flag]: C (T=Town C=City V=Village) of SEYMOUR | Fire # (If avail.)

Grid or Street Address or Road Name and Number

Subdivision Name | Lot # | Block #

Gov't Lot # ____ or NW 1/4 of NW 1/4 of Section 33, T 24 N; R 18 E (E/W)

3. Well Type [Flag]: 3 (1 = New 2 = Replacement 3 = Reconstruction) of previous unique well # ____ constructed in 19 47

Reason for new, replaced or reconstructed well? QUALITY IMPROVEMENT

4. Well serves [Flag] # of homes and or (Ex: barn, restaurant, church, school, industry, etc.)

High Capacity: Well? Y Property?

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

5. Well located on highest point of property, consistent with the general layout and surroundings?

Well located in floodplain?

Distance in Feet From Well To Nearest:

1. Landfill
2. Building Overhang
3. Septic or Holding Tank (circle one)
4. Sewage Absorption Unit
5. Nonconforming Pit
6. Buried Home Heating Oil Tank
7. Buried Petroleum Tank
8. Shoreline/Swimming Pool
9. Downspout/Yard Hydrant
10. Privy
11. Foundation Drain to Clearwater
12. Foundation Drain to Sewer
13. Building Drain (1 = Cast Iron or Plastic 2 = Other)
14. Building Sewer (1=Gravity 2=Pressure; 1 = Cast Iron or Plastic 2 = Other)
15. Collector or Street Sewer
16. Clearwater Sump
17. Wastewater Sump
18. Paved Animal Barn Pen [Flag]
19. Animal Yard or Shelter
20. Silo - Type
21. Barn Gutter
22. Manure Pipe (1=Gravity 2=Pressure; 1 = Cast Iron or Plastic 2 = Other)
23. Other Manure Storage Other NR 112 Waste Source
24.

6. Drillhole Dimensions

Dia. (in.)	From (ft.)	To (ft.)
15.0	surface	270
12.0	270	390

Method of constructing upper enlarged drillhole only.

1. Rotary - Mud Circulation
2. Rotary - Air
3. Rotary - Foam
4. Reverse Rotary
X 5. Cable-tool Bit ____ in. dia.
6. Temp. Outer Casing 16 in. dia.
Removed? N
GROUTED
7. Other

7. [Flag] Casing, Liner, Screen Material, Weight, Specification Manufacturer & Method of Assembly

Dia. (in.)		From (ft.)	To (ft.)
16.0	STEEL CASING-EXISTING	surface	148
10.0	GWI-EXISTING STEEL CASING	1	270
			0
			0
Dia. (in.)	screen type, material & slot size	From	To 0

8. **Grout or Other Sealing Material** [Flag]

Method / Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement
CEMENT-EXISTING	surface	270.0	

DNR USE ONLY	9. Geology [Flag] Type, Caving/Noncaving, Color, Hardness, Etc.	From (ft.)	To (ft.)
		Surface	0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0

10. **Static Water Level** [Flag]: 123.0 ft. B ground surface (A=Above B=Below)

11. **Pump Test** [Flag]: Pumping Level 189.0 ft. below ground surface; Pumping at 520.0 GPM 24.00 hrs

12. **Well Is:** [Flag]: 12 in. A Grade (A=Above B=Below)
Developed? Y
Disinfected? Y
Capped? Y
Depth (feet) 0270.00

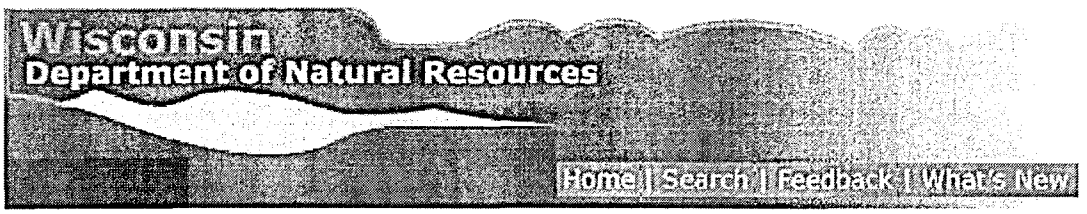
13. Did you permanently seal all unused, noncomplying, or unsafe wells?
If no, explain [Flag]

14. Signature of Point Driver or Licensed Supervisory Driller [Flag] WAC — Date Signed

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

Additional Comments? Y | More Geo? | Owner Sent Label?

0.0
0.0



Well Construction Reports

Help

WI Unique Well No:	BG586	**High Capacity Well No:**	83486
County Well Location:		**DNR Region:**	Northeast
County:	Outagamie	**Muni Type:**	C
Municipality:	SEYMOUR	**Completion Date:**	01/01/1934 **mm/dd/yyyy**
DNR Received Date:		**Constructor:**	FASBENDER BROS
Constructor Address:		**Constructor City:**	
Constructor State:		**Constructor Zip:**	
Status:	New Well	**Original Year:**	
Replacement Reason:		**Previous WI Well No:**	
Replacement WI Well No:		**Construction Type:**	1
Other Const. Type:		**Category:**	Municipal/Community
Well Depth:	406 **ft**	**# Services:**	
Facility Type:		**Highest Point on Property:**	
In Floodplain:		**Rotary - Mud Circulation:**	
Rotary - Air:		**Rotary - Foam:**	
Reverse Rotary:		**Cable Tool Bit:**	
Cable Bit Diameter:	**in**	**Temp Outer Casing:**	
Temp Casing Diameter:	**in**	**Temp Casing Removed:**	
Why not removed?:		**Other Drilling method:**	
Other Drilling Description:		**Screen Diameter:**	**inches**
Screen Description:		**Screen From:**	**feet**
Screen To:	**feet**	**Sealant Method:**	
Static Water level:	40 feet	**Pumping level:**	110 **feet**
Pumping at:	590	**Pumping units:**	Minutes
For:	0 **Hour(s)**	**Well Starting Depth:**	inches
Developed:		**Disinfected:**	
Capped:		**Proper Seal:**	
Seal Description:		**Contractor Signed on:**	
Rig Operator Signed on:		**Geologic Log Number:**	
Common Well Number:	001	**Calculated Specific Capacity:**	8.4
DNR Facility ID:	445033710	**Well Name:**	MAIN STREET WELL #1

Water Quality Comments:		**Water Quantity Comments:**	PUMP CAPACITY IS 650 GPM
Drilling Difficulty:		**Other Driller Comments:**	REHABBED IN JULY 1982
Exception Areas:		**Exception Area Comments:**	

Distances in Feet to Nearest Objects

No Records returned

Drillhole Dimensions

Diameter (in)	From Depth (ft.)	To Depth (ft.)
12	0	202.5
10	202.5	406

Casing & Liner

Diameter (inches)	Description	From Depth (ft.)	To Depth (ft.)
12	DRIVE PIPE	0	158
8	LINER	0	204
10	LINER	141.5	202.5

Grout or Other Sealant Materials

Kind of Sealing Material	From Depth (ft.)	To Depth (ft.)	Amount	Units
GROUT	0	204		
CONCRETE	141.5	202.5		

Geology

Geology	Geology Description	Driller's Description	USGS Code	From Depth (feet)	To Depth (feet)
R-TC	Red; Till; Clay;	GLACIAL TILL		0	45
R-CL	Red; Clay; Limestone/Dolomite;	CLAY		45	60
G-TL	Gray; Till; Limestone/Dolomite;	GLACIAL TILL		60	100
G-S-	Gray; Sand;	SAND		100	130
--HN	Shale; Sandstone;	SHALE STP		130	154
-AN-	Coarse; Sandstone;	SANDSTONE STP		154	165
--H-	Shale;	SHALE STP		165	168
-MN-	Medium; Sandstone;	SANDSTONE STP		168	185
R-H-	Red; Shale;	SHALE-ST PETER		185	195
--N-	Sandstone;	SANDSTONE-TREMPEALEAU		195	235
-SLS	Soft/Loose; Limestone/Dolomite; Sand;	DOLOMITE-TREMPEALEAU		235	260
--NL	Sandstone; Limestone/Dolomite;	SANDSTONE-FRANCONIAN		260	352
--NL	Sandstone; Limestone/Dolomite;	SANDSTONE-DRESBACH		352	406

Samples

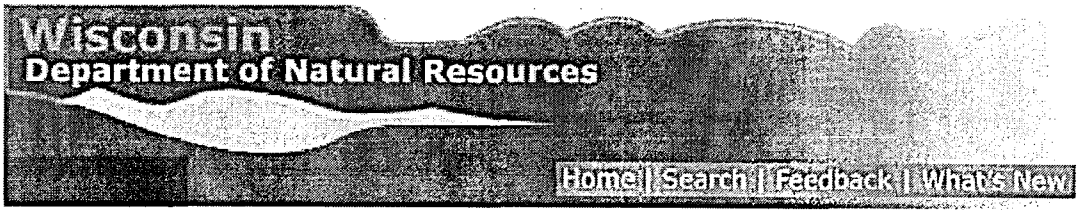
Sample Date	Collected By	Description	Laboratory	Lab Sample ID
08/01/1996	ELMERGREEN	*WELL DISCHARGE SAMPLE FAUCET* * CITY OF SEYMOUR*800 W PEARL ST*SEYMOUR WI	Wisconsin State Laboratory of Hygiene	BH009854
10/21/1996	ELMERGREEN	*WELL DISCHARGE FAUCET* * CITY OF SEYMOUR*800 W PEARL ST*SEYMOUR WI *41483	Wisconsin State Laboratory of Hygiene	BH030114
02/26/1997	RICH	*WELL DISCHARGE FAUCET WELL 1* * *638 N MAIN ST*SEYMOUR WI *4148332397	Wisconsin State Laboratory of Hygiene	BH053553
06/23/1997	ELMERGREEN	*WELL DISCHARGE FAUCET* * *638 N MAIN ST*SEYMOUR WI *4148332397	Wisconsin State Laboratory of Hygiene	BH077999
09/10/1997		*WELL DISCHARGE FAUCET** 638 N MAIN ST*SEYMOUR WI*9208332397*45	Wisconsin State Laboratory of Hygiene	BI018136
09/18/1997	ELMERGREEN	*WELL DISCHARGE FAUCET** *638 N MAIN ST*SEYMOUR WI*9208332397	Wisconsin State Laboratory of Hygiene	BI019939
02/17/1998	ELMERGREEN	*WELL PUMP SAMPLE FAUCET** *638 N MAIN ST*SEYMOUR WI*9208332397	Wisconsin State Laboratory of Hygiene	BI047822

05/18/1998	ELMERGREEN	ROUTINE CHECK*WELL DISCHARGE FAUCET** ***9208332397	Wisconsin State Laboratory of Hygiene	BI064853
10/27/1998	ELMERGREEN	*** *638 N MAIN ST*SEYMOUR WI*9208332397	Wisconsin State Laboratory of Hygiene	BJ029659
09/08/1999	SCHOEN	*WELL DISCHARGE SAMPLE TAP** CITY OF SEYMOUR*445 MUNICPAL DR*SEYMOUR WI*920	Wisconsin State Laboratory of Hygiene	BK018079
01/12/2000	SCHOEN	ROUTINE CHECK*WELL DISCHARGE PIPE** CITY OF SEYMOUR*445 MUNICIPAL DR*SEYMOU	Wisconsin State Laboratory of Hygiene	BK042585
04/04/2000	SCHOEN	*WELL DISCHARGE TAP** CITY OF SEYMOUR*445 MUNICIPAL DR*SEYMOUR WI*920833231	Wisconsin State Laboratory of Hygiene	BK056859
07/11/2000	SCHOEN	*WELL DISCHARGE TAP** CITY OF SEYMOUR*445 MUNICIPAL DR*SEYMOUR WI*920833239	Wisconsin State Laboratory of Hygiene	BL002155
10/11/2000	SCHOEN	*WELL DISCHARGE PIPE** CITY OF SEYMOUR*445 MUNICIPAL DR*SEYMOUR WI*92083323	Wisconsin State Laboratory of Hygiene	BL024217
01/03/2001	SCHOEN	*ROUTINE CHECK** CITY OF SEYMOUR*445 MUNICIPAL DR*SEYMOUR WI*9208332397	Wisconsin State Laboratory of Hygiene	BL038654
04/03/2001	SCHOEN	ROUTINE CHECK WELL DISCHARGE TAP*638 N MAIN ST	Wisconsin State Laboratory of Hygiene	BL054967
07/24/2001	SCHOEN	WELL DISCHARGE TAP*638 N MAIN ST	Wisconsin State Laboratory of Hygiene	BM006083
10/17/2001	SCHOEN	WELL DISCHARGE TAP*638 N MAIN ST	Wisconsin State Laboratory of Hygiene	BM026476
01/07/2002	SCHOEN	WELL DISCHARGE TAP*638 N MAIN ST	Wisconsin State Laboratory of Hygiene	BM039475

Records 1 to 19 of 19

Download

- Abandonment (0 Rows)
- Variances (0 Rows)
- Rehabilitation/Redevelopment (0 Rows)



DNR Drinking Water System: High Capacity Wells

Help

DNR Approval Number:	83487	**WI Unique Well No:**	
DNR Region:	Northeast	**County:**	Outagamie
Water Basin:	112 - Wolf River	**DNR Facility ID:**	445033710
Operator's Well ID:	002	**Owner's Well Id:**	002
W.G. & N.H. Log #:		**Owner:**	SEYMOUR(CITY OF)-UTILITY
Owner Address:	800 W PEARL	**Owner City:**	SEYMOUR
Owner State:	WI	**Owner Phone:**	
Operator:	SEYMOUR(CITY OF)-UTILITY	**Operator Address:**	800 W PEARL
Operator City:	SEYMOUR	**Operator State:**	WI
Well Name:	ELIZABETH ST	**Operator Phone:**	
County Approval No:	0007	**File Ref. #:**	45-9-0007
Classification:	Municipal Water Supply	**Status:**	Active
Chief Aquifer:	Sandstone	**Approved Date:**	06/30/1988 **mm/dd/yyyy**
Completed Date:	12/30/1989 **mm/dd/yyyy**	**Driller:**	CTWNCORPRTHWEST CO
Driller License No:	364	**Normal pumpage:**	79000 **gpd**
Maximum Pumpage:	461000 **gpd**	**Pump Capacity:**	320 **gpm**
Gravel Pack:		**Well Depth:**	390 **feet**
Depth to Rock:	170 **feet**	**Type of Rock:**	Limestone or Dolomite
Multiple Aquifers:	N	**Drilling Method:**	
Enlarged Drillhole Depth:	270 **feet**	**Enlarged Drillhole Diameter:**	15 **inches**
Lower Drillhole Diameter:	12 **inches**	**Lower Drillhole Length:**	230 **feet**
More than 2 drillholes:	N	**Primary Casing Diameter:**	10 **inches**
Primary Casing Depth:	270 **feet**	**Liner Casing Diameter:**	**inches**
Liner Casing Length:	**feet**	**Liner Casing Depth:**	**feet**
Screen Diameter:	**inches**	**Screen Length:**	**feet**
Screen Type:		**Sealing Material**	Cement Grout

		Type:	
Sealing Material Depth:	270 **feet**	**Yield Test Time:**	48 **Hours**
Yield Test Pump Rate:	520 **gpm**	**Static Water Level:**	123 **feet**
Pumping Water Level:	189 **feet**	**Specific Capacity:**	7.9 **gpm/foot**

Geologic Formations

Geology	Thickness in feet
Unconsolidated Sand	170
Ancell (St. Peter)	25
Prairie du Chien	305

Annual Well Pumpage (gallons)

No Records returned

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Top of page || Help

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Well Construction Reports

Help

WI Unique Well No:	AT094	**High Capacity Well No:**	83487
County Well Location:		**DNR Region:**	Northeast
County:	Outagamie	**Muni Type:**	C
Municipality:	SEYMOUR	**Completion Date:**	12/30/1989 **mm/dd/yyyy**
DNR Received Date:	01/16/1990	**Constructor:**	C T W CORP
Constructor Address:	PO BOX 994	**Constructor City:**	WAUKESHA
Constructor State:	WI	**Constructor Zip:**	53187-0994
Status:	Reconstruction	**Original Year:**	47
Replacement Reason:	QUALITY IMPROVEMENT	**Previous WI Well No:**	
Replacement WI Well No:		**Construction Type:**	1
Other Const. Type:		**Category:**	Municipal/Community
Well Depth:	**ft**	**# Services:**	
Facility Type:		**Highest Point on Property:**	
In Floodplain:		**Rotary - Mud Circulation:**	
Rotary - Air:		**Rotary - Foam:**	
Reverse Rotary:		**Cable Tool Bit:**	Yes
Cable Bit Diameter:	**in**	**Temp Outer Casing:**	
Temp Casing Diameter:	16 **in**	**Temp Casing Removed:**	No
Why not removed?:	GROUTED	**Other Drilling method:**	
Other Drilling Description:		**Screen Diameter:**	**inches**
Screen Description:		**Screen From:**	**feet**
Screen To:	**feet**	**Sealant Method:**	
Static Water	123 feet	**Pumping level:**	189 **feet**

level:			
Pumping at:	520	**Pumping units:**	
For:	24 **Hour(s)**	**Well Starting Depth:**	12 inches Above Ground
Developed:	Yes	**Disinfected:**	Y
Capped:	Yes	**Proper Seal:**	
Seal Description:		**Contractor Signed on:**	
Rig Operator Signed on:		**Geologic Log Number:**	
Common Well Number:	002	**Calculated Specific Capacity:**	79
DNR Facility ID:	445033710	**Well Name:**	
Water Quality Comments:		**Water Quantity Comments:**	
Drilling Difficulty:		**Other Driller Comments:**	12" DRILLHOLE ORIGINALLY EXTENDED TO 500' -- BACK FILLED TO 400' WITH CHLORINATED PEAROCK. 390-400 WITH NEAT CEMENT PLUG
Exception Areas:		**Exception Area Comments:**	

Distances in Feet to Nearest Objects

No Records returned

Drillhole Dimensions

Diameter (in)	From Depth (ft.)	To Depth (ft.)
15	0	270
12	270	390

Casing & Liner

Diameter (inches)	Description	From Depth (ft.)	To Depth (ft.)
16	STEEL CASING-EXISTING	0	148
10	GWI-EXISTING STEEL CASING	1	270

Grout or Other Sealant Materials

Kind of Sealing Material	From Depth (ft.)	To Depth (ft.)	Amount	Units
CEMENT-EXISTING	0	270		

Geology

No Records returned

Samples

Sample Date	Collected By	Description	Laboratory	Lab Sample ID
02/05/1990	RICHARD UDMERGREEN	***SEYMOUR CITY OF*800 W PEARL*SEYMOUR, WI 54165*4148332397	STATE LABORATORY OF HYGIENE	062808000
07/11/2000	SCHOEN	*WELL DISCHARGE PIPE** CITY OF SEYMOUR*445 MUNICIPAL DR*SEYMOUR WI*92083323	Wisconsin State Laboratory of Hygiene	BL002154
10/11/2000	SCHOEN	*WELL PUMP DISCHAGE SAMPLE TAP** CITY OF SEYMOUR*328 N MAIN ST*SEYMOUR WI*9	Wisconsin State Laboratory of Hygiene	BL024218
01/03/2001	SCOEN	*WELL DISCHARGE TAP*ROUTINE CHECK* CITY OF SEYMOUR*445 MUNICIPAL DR*SEYMOUR	Wisconsin State Laboratory of Hygiene	BL038655
07/24/2001	SCHOEN	WELL DISCHARGE*328 ELIZABETH ST	Wisconsin State Laboratory of Hygiene	BM006084
10/17/2001	SCHOEN	WELL DISCHARGE TAP*328 ELIZABETH ST	Wisconsin State Laboratory of Hygiene	BM026477
01/07/2002	SCHOEN	WELL DISCHARGE TAP*328 ELIZABETH ST	Wisconsin State Laboratory of Hygiene	BM039476

Records 1 to 7 of 7

Download

- Abandonment (0 Rows)
- Variances (0 Rows)
- Rehabilitation/Redevelopment (0 Rows)

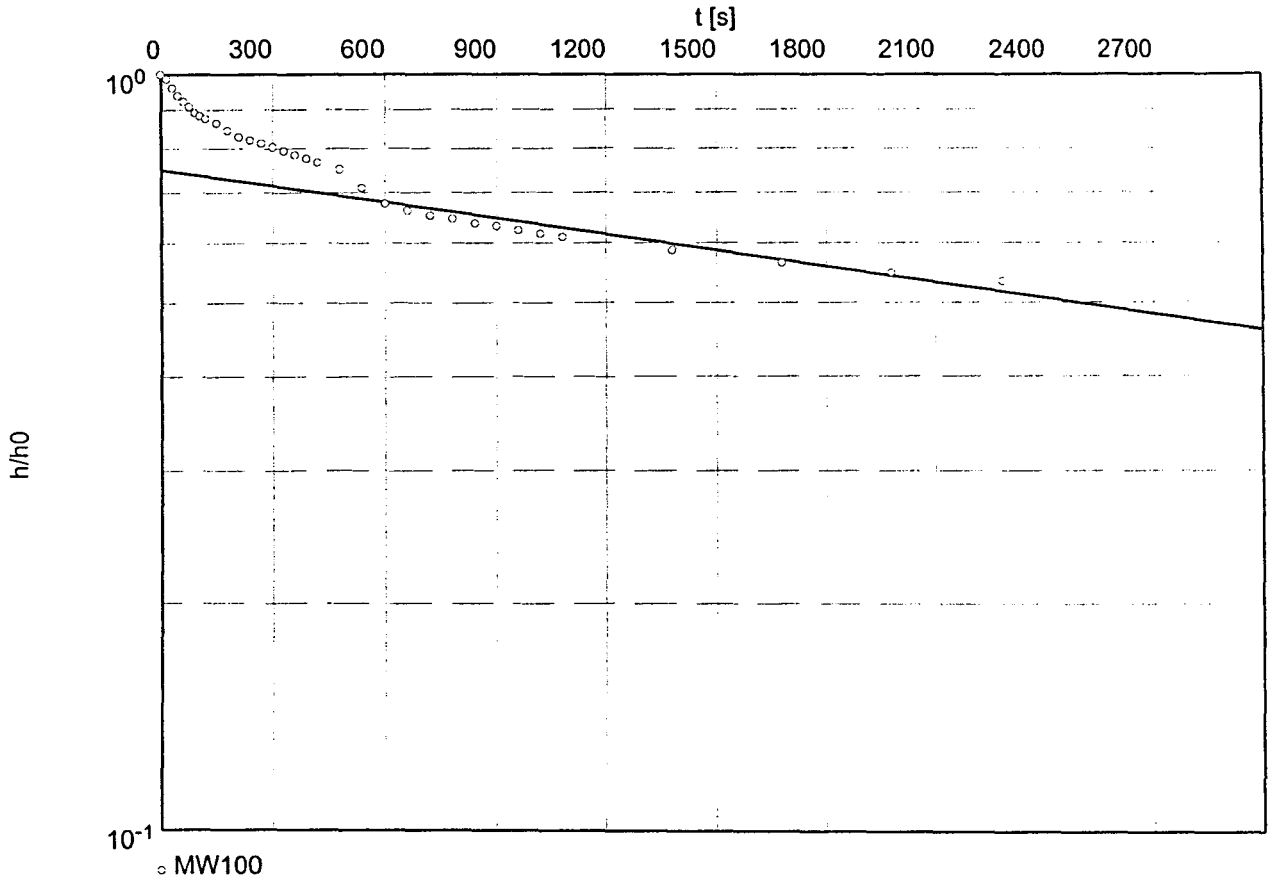
- **Other DNR information on this Well**
  - Public Water Supply System
  - Groundwater Retrieval Network Data

APPENDIX E

BAILER RECOVERY TEST RESULTS

Waterloo Hydrogeologic 180 Columbia St. W. Waterloo,Ontario,Canada ph.(519)746-1798	slug/bail test analysis BOUWER-RICE's method	Page 1 Project: CSY 03-1109-1162 Evaluated by: NLL | Date: 05.02.2002

Slug Test No. 2	Test conducted on: 5/8/01
MW100	



Hydraulic conductivity [cm/s]: 3.65×10^{-6}

Waterloo Hydrogeologic 180 Columbia St. W. Waterloo,Ontario,Canada ph.(519)746-1798	slug/bail test analysis BOUWER-RICE's method	Page 2 Project: CSY 03-1109-1162 Evaluated by: NLL | Date: 05.02.2002

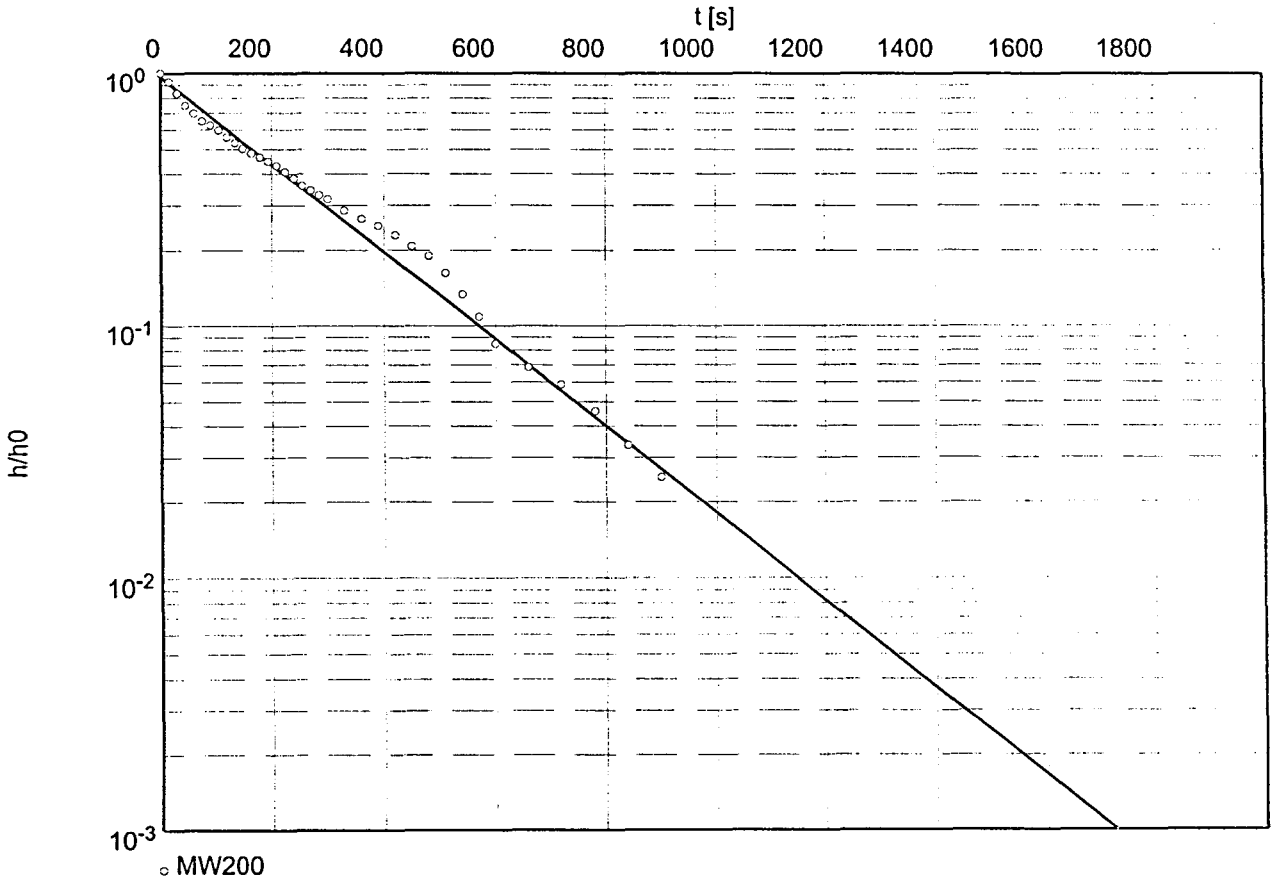
Slug Test No. 2	Test conducted on: 5/8/01
MW100	MW100

Static water level: 122.5 cm below datum

	Pumping test duration [s]	Water level [cm]	Drawdown [cm]
1	0	399.6	277.1
2	15	395.9	273.4
3	30	388.6	266.1
4	45	382.5	260.0
5	60	378.0	255.5
6	75	374.0	251.5
7	90	369.7	247.2
8	105	367.3	244.8
9	120	365.2	242.7
10	150	361.8	239.3
11	180	356.6	234.1
12	210	352.0	229.5
13	240	349.9	227.4
14	270	347.8	225.3
15	300	345.0	222.5
16	330	342.6	220.1
17	360	339.9	217.4
18	390	337.4	214.9
19	420	335.0	212.5
20	480	330.7	208.2
21	540	319.1	196.6
22	600	310.0	187.5
23	660	306.0	183.5
24	720	303.3	180.8
25	780	301.4	178.9
26	840	299.0	176.5
27	900	297.5	175.0
28	960	295.4	172.9
29	1020	293.5	171.0
30	1080	291.7	169.2
31	1380	285.3	162.8
32	1680	278.9	156.4
33	1980	274.3	151.8
34	2280	270.4	147.9

Waterloo Hydrogeologic 180 Columbia St. W. Waterloo,Ontario,Canada ph.(519)746-1798	slug/bail test analysis BOUWER-RICE's method	Page 1 Project: CSY 03-1109-1162 Evaluated by: NLL | Date: 05.02.2002

Slug Test No. 1	Test conducted on: 5/8/01
MW200	



Hydraulic conductivity [cm/s]: 9.40×10^{-5}

Waterloo Hydrogeologic 180 Columbia St. W. Waterloo,Ontario,Canada ph.(519)746-1798	slug/bail test analysis BOUWER-RICE's method	Page 2 Project: CSY 03-1109-1162 Evaluated by: NLL | Date: 05.02.2002

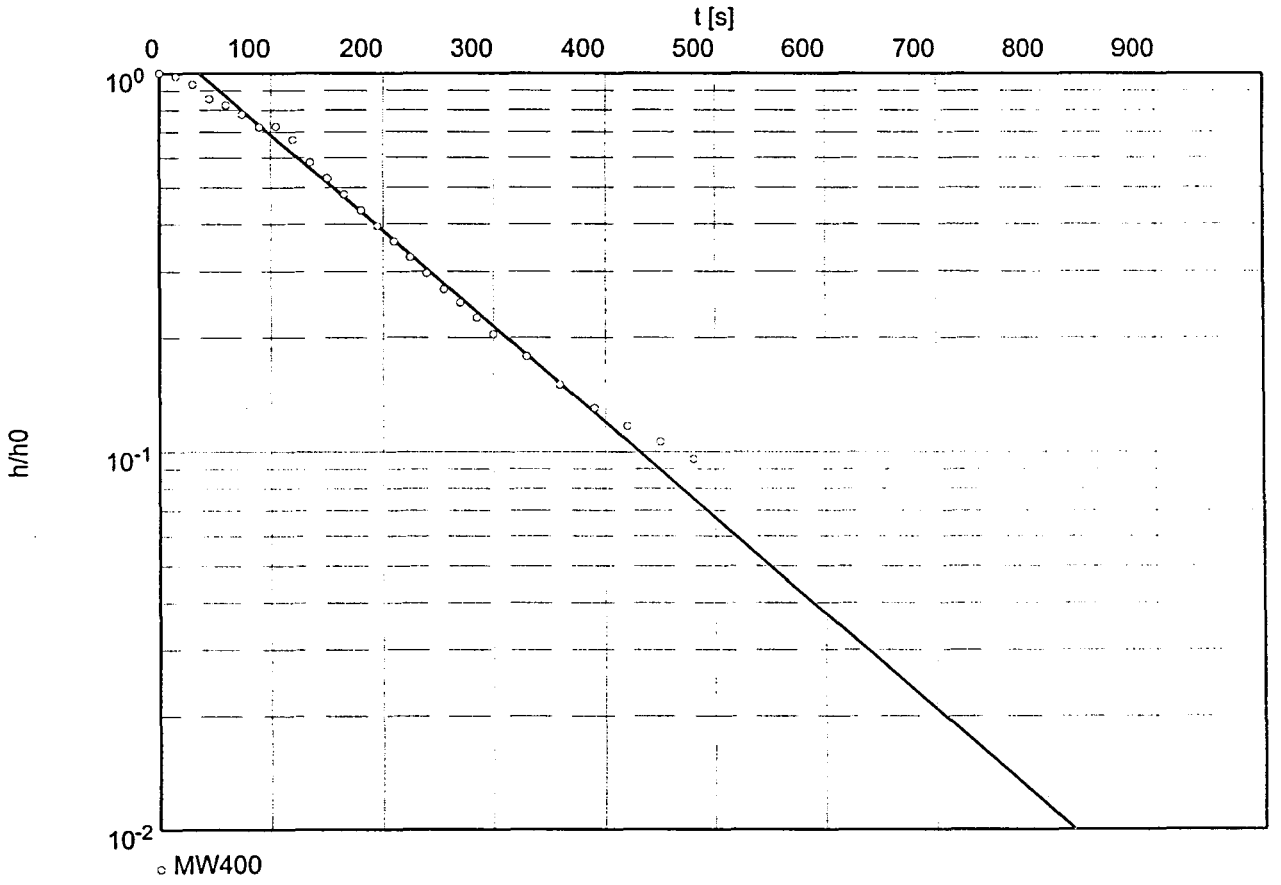
Slug Test No. 1	Test conducted on: 5/8/01
MW200	MW200

Static water level: 150.3 cm below datum

	Pumping test duration [s]	Water level [cm]	Drawdown [cm]
1	0	394.7	244.4
2	15	376.4	226.1
3	30	353.6	203.3
4	45	332.8	182.5
5	60	320.0	169.7
6	75	308.8	158.5
7	90	302.7	152.4
8	105	296.0	145.7
9	120	286.8	136.5
10	135	280.1	129.8
11	150	273.4	123.1
12	165	268.2	117.9
13	180	264.0	113.7
14	195	260.0	109.7
15	210	255.4	105.1
16	225	249.9	99.6
17	240	243.8	93.5
18	255	238.0	87.7
19	270	234.4	84.1
20	285	230.7	80.4
21	300	227.7	77.4
22	330	220.4	70.1
23	360	215.2	64.9
24	390	211.2	60.9
25	420	206.3	56.0
26	450	200.9	50.6
27	480	196.6	46.3
28	510	189.9	39.6
29	540	182.9	32.6
30	570	176.8	26.5
31	600	171.0	20.7
32	660	167.0	16.7
33	720	164.6	14.3
34	780	161.5	11.2
35	840	158.5	8.2
36	900	156.4	6.1

Waterloo Hydrogeologic 180 Columbia St. W. Waterloo,Ontario,Canada ph.(519)746-1798	slug/bail test analysis BOUWER-RICE's method	Page 1 Project: CSY 03-1109-1162 Evaluated by: NLL | Date: 05.02.2002

Slug Test No. 3	Test conducted on: 5/8/01
MW400	



Hydraulic conductivity [cm/s]: 1.32×10^{-4}

Waterloo Hydrogeologic
180 Columbia St. W.
Waterloo,Ontario,Canada
ph.(519)746-1798

slug/bail test analysis
BOUWER-RICE's method

Project: CSY 03-1109-1162

Evaluated by: NLL | Date: 05.02.2002

Slug Test No. 3	Test conducted on: 5/8/01
MW400	MW400

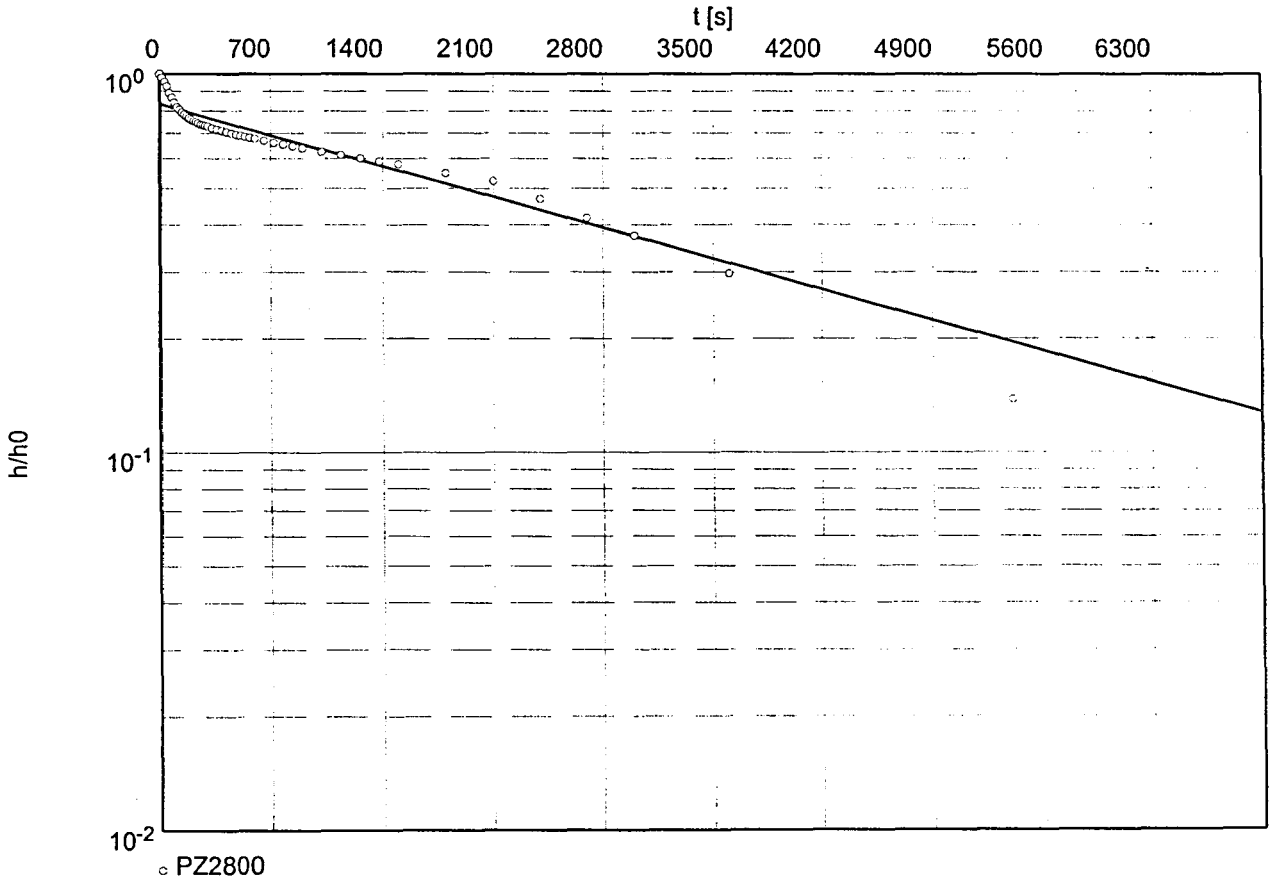
Static water level: 86.9 cm below datum

	Pumping test duration [s]	Water level [cm]	Drawdown [cm]
1	0	379.5	292.6
2	15	373.7	286.8
3	30	360.0	273.1
4	45	337.1	250.2
5	60	327.7	240.8
6	75	314.6	227.7
7	90	297.8	210.9
8	105	298.7	211.8
9	120	281.9	195.0
10	135	257.3	170.4
11	150	241.4	154.5
12	165	227.1	140.2
13	180	214.0	127.1
14	195	202.4	115.5
15	210	192.0	105.1
16	225	182.6	95.7
17	240	173.7	86.8
18	255	165.5	78.6
19	270	159.4	72.5
20	285	153.0	66.1
21	300	146.6	59.7
22	330	139.0	52.1
23	360	130.8	43.9
24	390	125.0	38.1
25	420	121.0	34.1
26	450	118.0	31.1
27	480	114.9	28.0

Waterloo Hydrogeologic 180 Columbia St. W. Waterloo,Ontario,Canada ph.(519)746-1798	slug/bail test analysis BOUWER-RICE's method	Page 1 Project: CSY03-1109-1162 Evaluated by: LPC | Date: 25.03.2002

Slug Test No. 1 — Test conducted on: 3/22/02

PZ2800



Hydraulic conductivity [cm/s]: 1.78×10^{-3}

Waterloo Hydrogeologic 180 Columbia St. W. Waterloo,Ontario,Canada ph.(519)746-1798	slug/bail test analysis BOUWER-RICE's method	Page 2 Project: CSY03-1109-1162 Evaluated by: LPC | Date: 25.03.2002

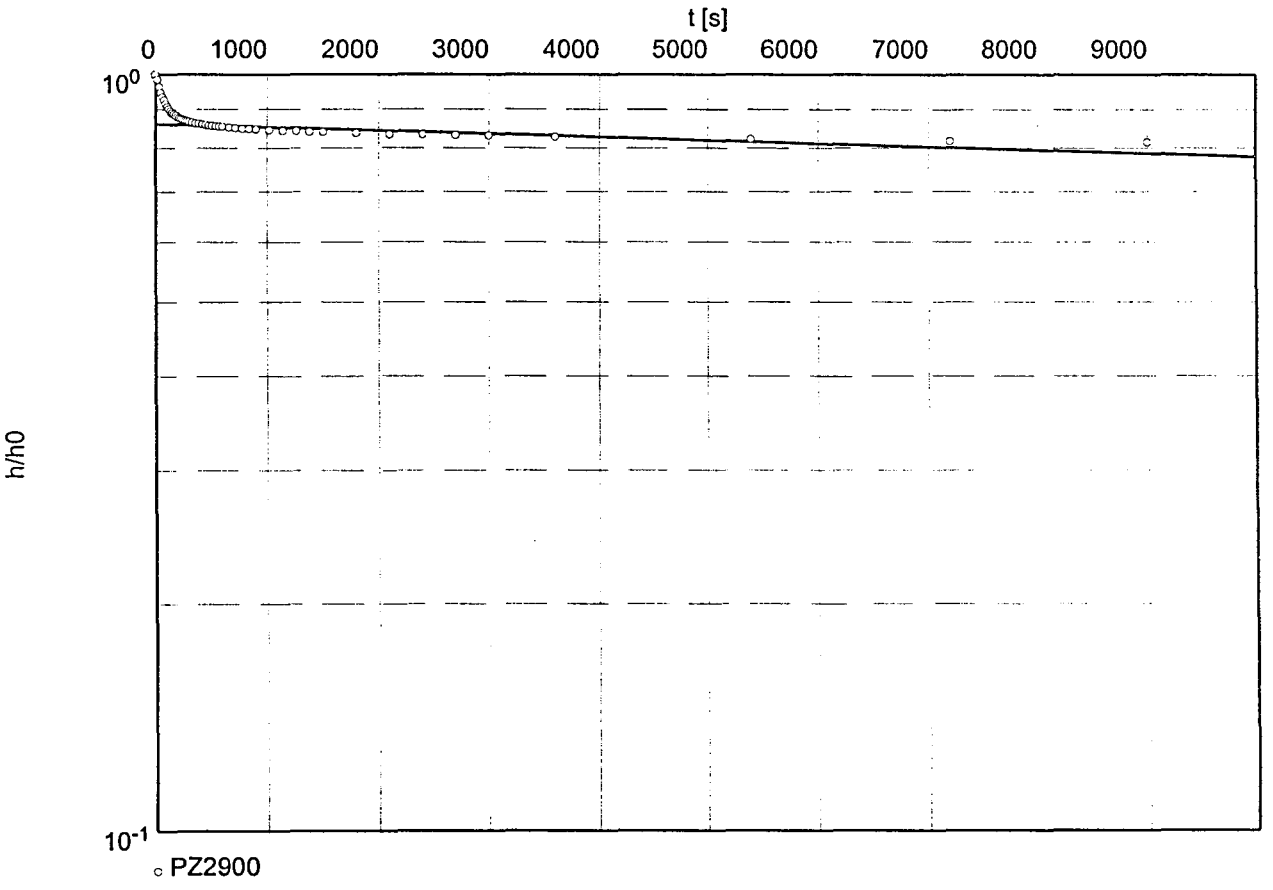
Slug Test No. 1	Test conducted on: 3/22/02
PZ2800	PZ2800

Static water level: 757.4 cm below datum

	Pumping test duration [s]	Water level [cm]	Drawdown [cm]	
1	0	1013.5	256.1	
2	15	1007.4	250.0	
3	30	1001.3	243.9	
4	45	994.9	237.5	
5	60	985.4	228.0	
6	75	979.3	221.9	
7	90	972.6	215.2	
8	105	966.8	209.4	
9	120	963.5	206.1	
10	135	960.4	203.0	
11	150	958.0	200.6	
12	165	955.5	198.1	
13	180	953.4	196.0	
14	195	951.9	194.5	
15	210	950.1	192.7	
16	225	949.1	191.7	
17	240	947.9	190.5	
18	255	946.1	188.7	
19	270	945.5	188.1	
20	285	944.9	187.5	
21	300	944.0	186.6	
22	330	942.1	184.7	
23	360	940.6	183.2	
24	390	939.1	181.7	
25	420	937.6	180.2	
26	450	936.3	178.9	
27	480	935.1	177.7	
28	510	933.9	176.5	
29	540	932.7	175.3	
30	570	931.5	174.1	
31	600	930.6	173.2	
32	660	928.4	171.0	
33	720	926.3	168.9	
34	780	924.5	167.1	
35	840	922.6	165.2	
36	900	920.8	163.4	
37	1020	917.4	160.0	
38	1140	914.1	156.7	
39	1260	911.0	153.6	
40	1380	908.3	150.9	
41	1500	905.6	148.2	
42	1800	897.6	140.2	
43	2100	890.9	133.5	
44	2400	877.2	119.8	
45	2700	864.1	106.7	
46	3000	853.1	95.7	
47	3600	833.6	76.2	
48	5400	792.8	35.4	

Waterloo Hydrogeologic 180 Columbia St. W. Waterloo,Ontario,Canada ph.(519)746-1798	slug/bail test analysis BOUWER-RICE's method	Page 1 Project: CSY03-1109-1162 Evaluated by: LPC | Date: 25.03.2002

Slug Test No. 1	Test conducted on: 3/22/02
PZ2900	



Hydraulic conductivity [cm/s]: 7.02×10^{-7}

Waterloo Hydrogeologic 180 Columbia St. W. Waterloo,Ontario,Canada ph.(519)746-1798	slug/bail test analysis BOUWER-RICE's method	Page 2 Project: CSY03-1109-1162 Evaluated by: LPC | Date: 25.03.2002

Slug Test No. 1	Test conducted on: 3/22/02
PZ2900	PZ2900

Static water level: 536.1 cm below datum

	Pumping test duration [s]	Water level [cm]	Drawdown [cm]
1	0	1024.1	488.0
2	15	1016.8	480.7
3	30	1006.1	470.0
4	45	997.9	461.8
5	60	992.1	456.0
6	75	987.9	451.8
7	90	982.4	446.3
8	105	978.7	442.6
9	120	975.4	439.3
10	135	972.6	436.5
11	150	970.5	434.4
12	165	968.7	432.6
13	180	967.1	431.0
14	195	965.6	429.5
15	210	964.4	428.3
16	225	963.2	427.1
17	240	962.6	426.5
18	255	961.6	425.5
19	270	961.0	424.9
20	285	960.1	424.0
21	300	959.5	423.4
22	330	958.6	422.5
23	360	957.4	421.3
24	390	956.8	420.7
25	420	956.2	420.1
26	450	955.2	419.1
27	480	954.6	418.5
28	510	954.0	417.9
29	540	953.7	417.6
30	570	953.1	417.0
31	600	952.8	416.7
32	660	951.9	415.8
33	720	951.3	415.2
34	780	950.4	414.3
35	840	950.1	414.0
36	900	949.5	413.4
37	1020	948.5	412.4
38	1140	947.6	411.5
39	1260	947.0	410.9
40	1380	946.4	410.3
41	1500	945.8	409.7
42	1800	944.6	408.5
43	2100	943.1	407.0
44	2400	942.7	406.6
45	2700	942.1	406.0
46	3000	941.5	405.4
47	3600	940.0	403.9
48	5400	937.3	401.2
49	7200	935.1	399.0
50	9000	933.3	397.2

APPENDIX F

LABORATORY ANALYTICAL REPORTS

APPENDIX F1

SOIL SAMPLES

Commonwealth
Technology, Inc.
Laboratory Division

1230 Lange Court
Baraboo, WI 53913-3109
Phone: (800) 228-3012
Fax: (608) 356-2766
EMail: bld@ctienv.com

ORIGINAL

ANALYTICAL REPORT

NORTHERN ENVIRONMENTAL
LYNELLE CAINE
954 CIRCLE DRIVE
GREEN BAY, WI 54304

Project Name: SEYMOUR
Contract #: 1595
Project #: CSY 1162
Folder #: 16104
Purchase Order #: inv 16271
Arrival Temperature: See COC
Report Date: 5/16/01
Date Received: 5/4/01
Reprint Date:

CTI LAB#: 68822 Sample Description: S 101 Sampled: 5/1/01 0855

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Solids, Percent	83.9	%	N/A	N/A	1			5/4/01	KMC	EPA 5030A
Metals Results										
Lead	5.6	mg/kg	0.18	0.46	1		5/7/01	5/8/01	NAH	EPA 6010B
Organic Results										
Gasoline Range Organics	3300	mg/kg	260	830	200	L	5/7/01	5/10/01	ECO	WDNR GRO
Qualifiers applying to all Analytes of Method EPA 8021: V										
Benzene	<1800	ug/kg	1800	5500	250		5/7/01	5/13/01	JBB	EPA 8021
1,2-Dichloroethane	<4800	ug/kg	4800	16000	250		5/7/01	5/13/01	JBB	EPA 8021
Ethylbenzene	88000	ug/kg	3500	4000	250		5/7/01	5/13/01	JBB	EPA 8021
Methyl tert-butyl ether	<4800	ug/kg	4800	16000	250		5/7/01	5/13/01	JBB	EPA 8021
Toluene	37000	ug/kg	3300	11000	250		5/7/01	5/13/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	370000	ug/kg	2800	9500	250		5/7/01	5/13/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	160000	ug/kg	2300	7800	250		5/7/01	5/13/01	JBB	EPA 8021
m & p-Xylene	370000	ug/kg	5800	19000	250		5/7/01	5/13/01	JBB	EPA 8021
o-Xylene	140000	ug/kg	5300	18000	250		5/7/01	5/13/01	JBB	EPA 8021

CTI LAB#: 68823 Sample Description: S 201 Sampled: 5/1/01 0957

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Solids, Percent	79.6	%	N/A	N/A	1			5/4/01	KMC	EPA 5030A

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 68823 Sample Description: S 201 Sampled: 5/1/01 0957

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Metals Results										
Lead	8.2	mg/kg	0.25	0.62	1		5/7/01	5/8/01	NAH	EPA 6010B
Organic Results										
Diesel Range Organics	<1.8	mg/kg	1.8	5.7	1	Q	5/5/01	5/7/01	KJJ	WDNR DRO
Gasoline Range Organics	15	mg/kg	1.4	4.4	1	L	5/7/01	5/10/01	ECO	WDNR GRO
Benzene	<25	ug/kg	7.0	22	1		5/7/01	5/13/01	JBB	EPA 8021
1,2-Dichloroethane	<25	ug/kg	19	63	1		5/7/01	5/13/01	JBB	EPA 8021
Ethylbenzene	<25	ug/kg	14	16	1		5/7/01	5/13/01	JBB	EPA 8021
Methyl tert-butyl ether	<25	ug/kg	19	63	1		5/7/01	5/13/01	JBB	EPA 8021
Toluene	<25	ug/kg	13	44	1		5/7/01	5/13/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	150	ug/kg	11	38	1		5/7/01	5/13/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	310	ug/kg	9.0	31	1		5/7/01	5/13/01	JBB	EPA 8021
m & p-Xylene	41	ug/kg	23 *	76	1		5/7/01	5/13/01	JBB	EPA 8021
o-Xylene	<25	ug/kg	21	70	1		5/7/01	5/13/01	JBB	EPA 8021

CTI LAB#: 68824 Sample Description: S 401 Sampled: 5/1/01 1215

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Solids, Percent	83.2	%	N/A	N/A	1			5/4/01	KMC	EPA 5030A
Metals Results										
Lead	7.5	mg/kg	0.19	0.47	1		5/7/01	5/8/01	NAH	EPA 6010B
Organic Results										
Diesel Range Organics	<1.7	mg/kg	1.7	5.4	1	Q	5/5/01	5/7/01	KJJ	WDNR DRO
Gasoline Range Organics	<1.3	mg/kg	1.3	4.2	1		5/7/01	5/8/01	ECO	WDNR GRO
1-Methylnaphthalene	<0.019	mg/kg	0.019	0.063	1		5/5/01	5/9/01	SHU	EPA 8310
2-Methylnaphthalene	<0.018	mg/kg	0.018	0.060	1		5/5/01	5/9/01	SHU	EPA 8310
Acenaphthene	<0.021	mg/kg	0.021	0.067	1		5/5/01	5/9/01	SHU	EPA 8310
Acenaphthylene	0.28	mg/kg	0.018	0.061	1		5/5/01	5/9/01	SHU	EPA 8310

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 68824 Sample Description: S 401 Sampled: 5/1/01 1215

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Anthracene	<0.0031	mg/kg	0.0031	0.010	1		5/5/01	5/9/01	SHU	EPA 8310
Benzo(a)anthracene	0.0038	mg/kg	0.00068	0.0023	1		5/5/01	5/9/01	SHU	EPA 8310
Benzo(a)pyrene	0.019	mg/kg	0.0025	0.0084	1	P	5/5/01	5/9/01	SHU	EPA 8310
Benzo(b)fluoranthene	0.030	mg/kg	0.00075	0.0025	1		5/5/01	5/9/01	SHU	EPA 8310
Benzo(g,h,i)perylene	0.014	mg/kg	0.0016	0.0054	1		5/5/01	5/9/01	SHU	EPA 8310
Benzo(k)fluoranthene	0.0029	mg/kg	0.00087	0.0029	1		5/5/01	5/9/01	SHU	EPA 8310
Chrysene	<0.0046	mg/kg	0.0046	0.016	1		5/5/01	5/9/01	SHU	EPA 8310
Fluoranthene	0.074	mg/kg	0.00093	0.0031	1	P	5/5/01	5/9/01	SHU	EPA 8310
Fluorene	<0.0097	mg/kg	0.0097	0.032	1		5/5/01	5/9/01	SHU	EPA 8310
Indeno(1,2,3-cd)pyrene	0.020	mg/kg	0.0017	0.0057	1	P	5/5/01	5/9/01	SHU	EPA 8310
Naphthalene	<0.018	mg/kg	0.018	0.061	1		5/5/01	5/9/01	SHU	EPA 8310
Phenanthrene	0.0057	mg/kg	0.0040	0.013	1		5/5/01	5/9/01	SHU	EPA 8310
Pyrene	0.013	mg/kg	0.0034	0.011	1	P	5/5/01	5/9/01	SHU	EPA 8310
Dibenzo(a,h)anthracene	<0.0048	mg/kg	0.0048	0.016	1		5/5/01	5/9/01	SHU	EPA 8310
Benzene	<25	ug/kg	7.0	22	1		5/7/01	5/13/01	JBB	EPA 8021
1,2-Dichloroethane	<25	ug/kg	19	63	1		5/7/01	5/13/01	JBB	EPA 8021
Ethylbenzene	<25	ug/kg	14	16	1		5/7/01	5/13/01	JBB	EPA 8021
Methyl tert-butyl ether	<25	ug/kg	19	63	1		5/7/01	5/13/01	JBB	EPA 8021
Toluene	<25	ug/kg	13	44	1		5/7/01	5/13/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	<25	ug/kg	11	38	1		5/7/01	5/13/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	<25	ug/kg	9.0	31	1		5/7/01	5/13/01	JBB	EPA 8021
m & p-Xylene	<25	ug/kg	23	76	1		5/7/01	5/13/01	JBB	EPA 8021
o-Xylene	<25	ug/kg	21	70	1		5/7/01	5/13/01	JBB	EPA 8021

CTI LAB#: 68825 Sample Description: S 501 Sampled: 5/1/01 1325

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Solids, Percent	83.0	%	N/A	N/A	1			5/4/01	KMC	EPA 5030A
Metals Results										
Lead	25.3	mg/kg	0.23	0.58	1		5/7/01	5/8/01	NAH	EPA 6010B

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#:	68825	Sample Description:	S 501	Sampled:	5/1/01	1325

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Organic Results										
Diesel Range Organics	2.4	mg/kg	1.7 *	5.4	1	Q	5/5/01	5/7/01	KJJ	WDNR DRO
Gasoline Range Organics	<1.3	mg/kg	1.3	4.2	1		5/7/01	5/8/01	□z	WDNR GRO
1-Methylnaphthalene	<0.019	mg/kg	0.019	0.064	1		5/5/01	5/9/01	SHU	EPA 8310
2-Methylnaphthalene	3.1	mg/kg	0.018	0.060	1	P	5/5/01	5/9/01	SHU	EPA 8310
Acenaphthene	2.5	mg/kg	0.020	0.068	1	P	5/5/01	5/9/01	SHU	EPA 8310
Acenaphthylene	0.70	mg/kg	0.018	0.062	1		5/5/01	5/9/01	SHU	EPA 8310
Anthracene	0.11	mg/kg	0.0031	0.011	1	P	5/5/01	5/9/01	SHU	EPA 8310
Benzo(a)anthracene	0.095	mg/kg	0.00067	0.0023	1		5/5/01	5/9/01	SHU	EPA 8310
Benzo(a)pyrene	0.11	mg/kg	0.0025	0.0085	1		5/5/01	5/9/01	SHU	EPA 8310
Benzo(b)fluoranthene	0.13	mg/kg	0.00074	0.0025	1		5/5/01	5/9/01	SHU	EPA 8310
Benzo(g,h,i)perylene	0.10	mg/kg	0.0016	0.0054	1		5/5/01	5/9/01	SHU	EPA 8310
Benzo(k)fluoranthene	0.051	mg/kg	0.00086	0.0029	1		5/5/01	5/9/01	SHU	EPA 8310
Chrysene	0.27	mg/kg	0.0046	0.016	1	P	5/5/01	5/9/01	SHU	EPA 8310
Fluoranthene	0.71	mg/kg	0.0046	0.016	5	P	5/5/01	5/9/01	SHU	EPA 8310
Fluorene	3.4	mg/kg	0.0096	0.033	1	P	5/5/01	5/9/01	SHU	EPA 8310
Indeno(1,2,3-cd)pyrene	0.16	mg/kg	0.0017	0.0058	1	P	5/5/01	5/9/01	SHU	EPA 8310
Naphthalene	<0.018	mg/kg	0.018	0.062	1		5/5/01	5/9/01	SHU	EPA 8310
Phenanthrene	0.21	mg/kg	0.0040	0.013	1		5/5/01	5/9/01	SHU	EPA 8310
Pyrene	0.25	mg/kg	0.0034	0.011	1		5/5/01	5/9/01	SHU	EPA 8310
Dibenzo(a,h)anthracene	0.033	mg/kg	0.0048	0.016	1		5/5/01	5/9/01	SHU	EPA 8310
Benzene	<25	ug/kg	7.0	22	1		5/7/01	5/13/01	JBB	EPA 8021
1,2-Dichloroethane	<25	ug/kg	19	63	1		5/7/01	5/13/01	JBB	EPA 8021
Ethylbenzene	<25	ug/kg	14	16	1		5/7/01	5/13/01	JBB	EPA 8021
Methyl tert-butyl ether	<25	ug/kg	19	63	1		5/7/01	5/13/01	JBB	EPA 8021
Toluene	<25	ug/kg	13	44	1		5/7/01	5/13/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	<25	ug/kg	11	38	1		5/7/01	5/13/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	<25	ug/kg	9.0	31	1		5/7/01	5/13/01	JBB	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 68825 Sample Description: S 501 Sampled: 5/1/01 1325

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
m & p-Xylene	<25	ug/kg	23	76	1		5/7/01	5/13/01	JBB	EPA 8021
o-Xylene	<25	ug/kg	21	70	1		5/7/01	5/13/01	JBB	EPA 8021

CTI LAB#: 68826 Sample Description: S 602 Sampled: 5/1/01 1405

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Solids, Percent	81.3	%	N/A	N/A	1			5/4/01	KMC	EPA 5030A
Metals Results										
Lead	3.2	mg/kg	0.19	0.47	1		5/7/01	5/8/01	NAH	EPA 6010B
Organic Results										
Gasoline Range Organics	<1.4	mg/kg	1.4	4.3	1		5/7/01	5/8/01	ECO	WDNR GRO
Benzene	<25	ug/kg	7.0	22	1		5/7/01	5/13/01	JBB	EPA 8021
1,2-Dichloroethane	<25	ug/kg	19	63	1		5/7/01	5/13/01	JBB	EPA 8021
Ethylbenzene	<25	ug/kg	14	16	1		5/7/01	5/13/01	JBB	EPA 8021
Methyl tert-butyl ether	<25	ug/kg	19	63	1		5/7/01	5/13/01	JBB	EPA 8021
Toluene	<25	ug/kg	13	44	1		5/7/01	5/13/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	<25	ug/kg	11	38	1		5/7/01	5/13/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	<25	ug/kg	9.0	31	1		5/7/01	5/13/01	JBB	EPA 8021
m & p-Xylene	<25	ug/kg	23	76	1		5/7/01	5/13/01	JBB	EPA 8021
o-Xylene	<25	ug/kg	21	70	1		5/7/01	5/13/01	JBB	EPA 8021

CTI LAB#: 68827 Sample Description: S 702 Sampled: 5/1/01 1500

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Solids, Percent	92.9	%	N/A	N/A	1			5/4/01	KMC	EPA 5030A
Metals Results										
Lead	20.2	mg/kg	0.17	0.43	1		5/7/01	5/8/01	NAH	EPA 6010B
Organic Results										
Gasoline Range Organics	300	mg/kg	N/A	N/A	10	L	5/7/01	5/11/01	ECO	WDNR GRO

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 68827 Sample Description: S 702 Sampled: 5/1/01 1500

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Qualifiers applying to all Analytes of Method EPA 8021: V										
Benzene	<140	ug/kg	140	440	20		5/7/01	5/13/01	JBB	EPA 8021
1,2-Dichloroethane	<380	ug/kg	380	1300	20		5/7/01	5/13/01	JBB	EPA 8021
Ethylbenzene	1800	ug/kg	280	320	20		5/7/01	5/13/01	JBB	EPA 8021
Methyl tert-butyl ether	<380	ug/kg	380	1300	20		5/7/01	5/13/01	JBB	EPA 8021
Toluene	<260	ug/kg	260	880	20		5/7/01	5/13/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	9500	ug/kg	220	770	20		5/7/01	5/13/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	7700	ug/kg	180	630	20		5/7/01	5/13/01	JBB	EPA 8021
m & p-Xylene	7000	ug/kg	470	1500	20		5/7/01	5/13/01	JBB	EPA 8021
o-Xylene	<420	ug/kg	420	1400	20		5/7/01	5/13/01	JBB	EPA 8021

CTI LAB#: 68828 Sample Description: S 802 Sampled: 5/1/01 1528

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Solids, Percent	89.7	%	N/A	N/A	1			5/4/01	KMC	EPA 5030A
Metals Results										
Lead	6.6	mg/kg	0.20	0.51	1		5/7/01	5/8/01	NAH	EPA 6010B
Organic Results										
Gasoline Range Organics	3300	mg/kg	61	200	50	L	5/7/01	5/9/01	ECO	WDNR GRO
Qualifiers applying to all Analytes of Method EPA 8021: V										
Benzene	1600	ug/kg	700 *	2200	100		5/7/01	5/13/01	JBB	EPA 8021
1,2-Dichloroethane	<1900	ug/kg	1900	6300	100		5/7/01	5/13/01	JBB	EPA 8021
Ethylbenzene	74000	ug/kg	1400	1600	100		5/7/01	5/13/01	JBB	EPA 8021
Methyl tert-butyl ether	<1900	ug/kg	1900	6300	100		5/7/01	5/13/01	JBB	EPA 8021
Toluene	6800	ug/kg	1300	4400	100		5/7/01	5/13/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	110000	ug/kg	1100	3800	100		5/7/01	5/13/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	55000	ug/kg	900	3100	100		5/7/01	5/13/01	JBB	EPA 8021
m & p-Xylene	190000	ug/kg	2300	7600	100		5/7/01	5/13/01	JBB	EPA 8021
o-Xylene	5200	ug/kg	2100 *	7000	100		5/7/01	5/13/01	JBB	EPA 8021

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 68829 Sample Description: S 902 Sampled: 5/2/01 0822

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Solids, Percent	88.5	%	N/A	N/A	1			5/4/01	KMC	EPA 5030A
Metals Results										
Lead	3.9	mg/kg	0.20	0.49	1		5/7/01	5/8/01	NAH	EPA 6010B
Organic Results										
Gasoline Range Organics	1100	mg/kg	250	780	200	L	5/7/01	5/10/01	ECO	WDNR GRO
Qualifiers applying to all Analytes of Method EPA 8021: V										
Benzene	<1800	ug/kg	1800	5500	250		5/7/01	5/13/01	JBB	EPA 8021
1,2-Dichloroethane	<4800	ug/kg	4800	16000	250		5/7/01	5/13/01	JBB	EPA 8021
Ethylbenzene	45000	ug/kg	3500	4000	250		5/7/01	5/13/01	JBB	EPA 8021
Methyl tert-butyl ether	<4800	ug/kg	4800	16000	250		5/7/01	5/13/01	JBB	EPA 8021
Toluene	82000	ug/kg	3300	11000	250		5/7/01	5/13/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	98000	ug/kg	2800	9500	250		5/7/01	5/13/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	91000	ug/kg	2300	7800	250		5/7/01	5/13/01	JBB	EPA 8021
m & p-Xylene	160000	ug/kg	5800	19000	250		5/7/01	5/13/01	JBB	EPA 8021
o-Xylene	63000	ug/kg	5300	18000	250		5/7/01	5/13/01	JBB	EPA 8021

CTI LAB#: 68830 Sample Description: S 1002 Sampled: 5/2/01 0849

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Solids, Percent	86.8	%	N/A	N/A	1			5/4/01	KMC	EPA 5030A
Metals Results										
Lead	13.1	mg/kg	0.23	0.56	1		5/7/01	5/8/01	NAH	EPA 6010B
Organic Results										
Gasoline Range Organics	490	mg/kg	28	88	20	L	5/7/01	5/10/01	ECO	WDNR GRO
Qualifiers applying to all Analytes of Method EPA 8021: V										
Benzene	<350	ug/kg	350	1100	50		5/7/01	5/13/01	JBB	EPA 8021
1,2-Dichloroethane	<950	ug/kg	950	3200	50		5/7/01	5/13/01	JBB	EPA 8021
Ethylbenzene	<700	ug/kg	700	800	50		5/7/01	5/13/01	JBB	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 68830 Sample Description: S 1002 Sampled: 5/2/01 0849

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Qualifiers applying to all Analytes of Method EPA 8021: V										
Methyl tert-butyl ether	<950	ug/kg	950	3200	50		5/7/01	5/13/01	JBB	EPA 8021
Toluene	<650	ug/kg	650	2200	50		5/7/01	5/13/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	35000	ug/kg	600	2100	50		5/7/01	5/13/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	30000	ug/kg	490	1700	50		5/7/01	5/13/01	JBB	EPA 8021
m & p-Xylene	11000	ug/kg	1300	4200	50		5/7/01	5/13/01	JBB	EPA 8021
o-Xylene	19000	ug/kg	1200	3800	50		5/7/01	5/13/01	JBB	EPA 8021

CTI LAB#: 68831 Sample Description: S 1102 Sampled: 5/2/01 0915

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Solids, Percent	83.4	%	N/A	N/A	1			5/4/01	KMC	EPA 5030A
Metals Results										
Lead	71.7	mg/kg	0.23	0.58	1		5/7/01	5/8/01	NAH	EPA 6010B
Organic Results										
Gasoline Range Organics	13	mg/kg	1.5	4.8	1	L	5/7/01	5/11/01	ECO	WDNR GRO
Benzene	30	ug/kg	8.0	25	1		5/7/01	5/14/01	JBB	EPA 8021
1,2-Dichloroethane	<25	ug/kg	19	63	1		5/7/01	5/14/01	JBB	EPA 8021
Ethylbenzene	290	ug/kg	16	18	1		5/7/01	5/14/01	JBB	EPA 8021
Methyl tert-butyl ether	<25	ug/kg	19	63	1		5/7/01	5/14/01	JBB	EPA 8021
Toluene	78	ug/kg	15	50	1		5/7/01	5/14/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	2300	ug/kg	13	43	1		5/7/01	5/14/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	430	ug/kg	10	35	1		5/7/01	5/14/01	JBB	EPA 8021
m & p-Xylene	900	ug/kg	26	87	1		5/7/01	5/14/01	JBB	EPA 8021
o-Xylene	110	ug/kg	24	80	1		5/7/01	5/14/01	JBB	EPA 8021

CTI LAB#: 68832 Sample Description: S 1201 Sampled: 5/2/01 0940

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method

CTI LAB#: 68832 Sample Description: S 1201 Sampled: 5/2/01 0940

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Solids, Percent	86.3	%	N/A	N/A	1			5/4/01	KMC	EPA 5030A
Metals Results										
Lead	19.2	mg/kg	0.20	0.50	1		5/7/01	5/8/01	NAH	EPA 6010B
Organic Results										
Gasoline Range Organics	<1.3	mg/kg	1.3	4.1	1		5/7/01	5/10/01	ECO	WDNR GRO
Benzene	<25	ug/kg	7.0	22	1		5/7/01	5/13/01	JBB	EPA 8021
1,2-Dichloroethane	<25	ug/kg	19	63	1		5/7/01	5/13/01	JBB	EPA 8021
Ethylbenzene	<25	ug/kg	14	16	1		5/7/01	5/13/01	JBB	EPA 8021
Methyl tert-butyl ether	<25	ug/kg	19	63	1		5/7/01	5/13/01	JBB	EPA 8021
Toluene	<25	ug/kg	13 *	44	1		5/7/01	5/13/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	<25	ug/kg	11	38	1		5/7/01	5/13/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	<25	ug/kg	9.0	31	1		5/7/01	5/13/01	JBB	EPA 8021
m & p-Xylene	30	ug/kg	23 *	76	1		5/7/01	5/13/01	JBB	EPA 8021
o-Xylene	<25	ug/kg	21	70	1		5/7/01	5/13/01	JBB	EPA 8021

CTI LAB#: 68833 Sample Description: S 1301 Sampled: 5/2/01 1030

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Solids, Percent	84.7	%	N/A	N/A	1			5/4/01	KMC	EPA 5030A
Metals Results										
Lead	50.1	mg/kg	0.22	0.55	1		5/7/01	5/8/01	NAH	EPA 6010B
Organic Results										
Gasoline Range Organics	6800	mg/kg	650	2100	500	L	5/7/01	5/10/01	ECO	WDNR GRO
Qualifiers applying to all Analytes of Method EPA 8021: V										
Benzene	<3500	ug/kg	3500	11000	500		5/7/01	5/13/01	JBB	EPA 8021
1,2-Dichloroethane	<9500	ug/kg	9500	32000	500		5/7/01	5/13/01	JBB	EPA 8021
Ethylbenzene	19000	ug/kg	7000	8000	500		5/7/01	5/13/01	JBB	EPA 8021
Methyl tert-butyl ether	<9500	ug/kg	9500	32000	500		5/7/01	5/13/01	JBB	EPA 8021
Toluene	<6500	ug/kg	6500	22000	500		5/7/01	5/13/01	JBB	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 68833 Sample Description: S 1301 Sampled: 5/2/01 1030

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Qualifiers applying to all Analytes of Method EPA 8021: V										
1,2,4-Trimethylbenzene	740000	ug/kg	5500	19000	500		5/7/01	5/13/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	340000	ug/kg	4500	16000	500		5/7/01	5/13/01	JBB	EPA 8021
m & p-Xylene	490000	ug/kg	12000	38000	500		5/7/01	5/13/01	JBB	EPA 8021
o-Xylene	210000	ug/kg	11000	35000	500		5/7/01	5/13/01	JBB	EPA 8021

CTI LAB#: 68834 Sample Description: S 1502 Sampled: 5/2/01 1216

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Solids, Percent	84.4	%	N/A	N/A	1			5/4/01	KMC	EPA 5030A
Metals Results										
Lead	5.8	mg/kg	0.22	0.54	1		5/7/01	5/8/01	NAH	EPA 6010B
Organic Results										
Gasoline Range Organics	21	mg/kg	1.3	4.2	1	L	5/7/01	5/11/01	ECO	WDNR GRO
Benzene	<25	ug/kg	7.0	22	1		5/7/01	5/14/01	JBB	EPA 8021
1,2-Dichloroethane	<25	ug/kg	19	63	1		5/7/01	5/14/01	JBB	EPA 8021
Ethylbenzene	100	ug/kg	14	16	1		5/7/01	5/14/01	JBB	EPA 8021
Methyl tert-butyl ether	<25	ug/kg	19	63	1		5/7/01	5/14/01	JBB	EPA 8021
Toluene	34	ug/kg	13 *	44	1		5/7/01	5/14/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	1300	ug/kg	11	38	1		5/7/01	5/14/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	340	ug/kg	9.0	31	1		5/7/01	5/14/01	JBB	EPA 8021
m & p-Xylene	190	ug/kg	23	76	1		5/7/01	5/14/01	JBB	EPA 8021
o-Xylene	36	ug/kg	21 *	70	1		5/7/01	5/14/01	JBB	EPA 8021

CTI LAB#: 68835 Sample Description: S 1601 Sampled: 5/2/01 1342

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Solids, Percent	88.5	%	N/A	N/A	1			5/4/01	KMC	EPA 5030A
Metals Results										

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 68835 Sample Description: S 1601 Sampled: 5/2/01 1342

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Lead	3.1	mg/kg	0.15	0.39	1		5/7/01	5/8/01	NAH	EPA 6010B
Organic Results										
Gasoline Range Organics	<1.2	mg/kg	1.2	4.0	1		5/7/01	5/10/01	ECO	WDNR GRO
Benzene	<25	ug/kg	7.0	22	1		5/7/01	5/13/01	JBB	EPA 8021
1,2-Dichloroethane	<25	ug/kg	19	63	1		5/7/01	5/13/01	JBB	EPA 8021
Ethylbenzene	<25	ug/kg	14	16	1		5/7/01	5/13/01	JBB	EPA 8021
Methyl tert-butyl ether	<25	ug/kg	19	63	1		5/7/01	5/13/01	JBB	EPA 8021
Toluene	<25	ug/kg	13	44	1		5/7/01	5/13/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	<25	ug/kg	11	38	1		5/7/01	5/13/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	<25	ug/kg	9.0	31	1		5/7/01	5/13/01	JBB	EPA 8021
m & p-Xylene	<25	ug/kg	23	76	1		5/7/01	5/13/01	JBB	EPA 8021
o-Xylene	<25	ug/kg	21	70	1		5/7/01	5/13/01	JBB	EPA 8021

CTI LAB#: 68836 Sample Description: S 1701 Sampled: 5/2/01 1416

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Solids, Percent	81.9	%	N/A	N/A	1			5/4/01	KMC	EPA 5030A
Metals Results										
Lead	4.9	mg/kg	0.21	0.54	1		5/7/01	5/8/01	NAH	EPA 6010B
Organic Results										
Gasoline Range Organics	<1.3	mg/kg	1.3	4.3	1		5/7/01	5/9/01	ECO	WDNR GRO
Benzene	<25	ug/kg	7.0	22	1		5/7/01	5/13/01	JBB	EPA 8021
1,2-Dichloroethane	<25	ug/kg	19	63	1		5/7/01	5/13/01	JBB	EPA 8021
Ethylbenzene	<25	ug/kg	14	16	1		5/7/01	5/13/01	JBB	EPA 8021
Methyl tert-butyl ether	<25	ug/kg	19	63	1		5/7/01	5/13/01	JBB	EPA 8021
Toluene	<25	ug/kg	13	44	1		5/7/01	5/13/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	<25	ug/kg	11	38	1		5/7/01	5/13/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	<25	ug/kg	9.0	31	1		5/7/01	5/13/01	JBB	EPA 8021
m & p-Xylene	<25	ug/kg	23	76	1		5/7/01	5/13/01	JBB	EPA 8021
o-Xylene	<25	ug/kg	21	70	1		5/7/01	5/13/01	JBB	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

Commonwealth Technology, Inc.
Laboratory Division

NORTHERN ENVIRONMENTAL

Project Name: SEYMOUR
Project #: CSY 1162

Contract #: 1595
Folder #: 16104

CTI LAB#:	68836	Sample Description:	S 1701	Sampled:	5/2/01	1416

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method

Notes: * Indicates Value in between LOD and LOQ.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: _____

Record Reviewer

QC Qualifiers

Code	Description
A	Analyte averaged calibration criteria within acceptable limits.
B	Analyte detected in associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
J	Estimated value. The result is less than the reporting limit, but greater than the MDL.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate and/or internal standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Calibration criteria exceeded.

Solid sample results reported on a Dry Weight Basis

Northern Environmental
Hydrologists • Engineers • Geologists

CHAIN OF CUSTODY RECORD REQUEST FOR ANALYSIS

No: 16409

Check office originating request

- ☐ 1214 W. Venture Ct. Mequon, WI 53092 262-241-3133 FAX 262-241-8222
- ☐ 372 West County Road D New Brighton, MN 55112 651-635-9100 FAX 651-635-0643
- ☒ 954 Circle Drive Green Bay, WI 54304 920-592-8400 FAX 920-592-8444
- ☐ 330 South 4th Avenue Park Falls, WI 54552 715-762-1544 FAX 715-762-1844
- ☐ _____
- ☐ 1203 Storbeck Drive Waupun, WI 53963 920-324-8600 FAX 920-324-3023
- ☐ 3211 Arnold Lane Northbrook, IL 60062 847-562-8577 FAX 847-562-8552
- ☐ 112 7th Street NE Rochester, MN 55906 507-282-3800 FAX 507-282-3100
- ☐ 31628 Glendale Av Livonia, MI 48150 734-422-2624 FAX 734-422-3530

Folder #: 16104
Company: NORTHERN ENVIRON
Project: SEYMOUR
Logged By: KMB PM: ETK

Project No: CSY1162 Task No: 100
Project Location: (city) Seymour
Project Manager: Lynelle Caine
Sampler: (name) Nicole LaPlant
Sampler: (Signature) Nicole LaPlant
Sampling Date(s): 5-1-01 and 5-2-01
Reports to be Sent to: Ann Krzyzewski

Laboratory: CTI
Wisconsin DNR Certification #: 157066030
Laboratory Contact: Eric K.
Price Quote: PECFA

TURNAROUND TIME REQUIRED
☐ Normal ☒ Rush
Date Needed FRI - 5/11/01 ASAP

Sample Integrity - To be completed by receiving lab
Seal intact upon receipt ☐ yes ☐ no
Method of shipment _____
Contents Temperature _____ °C Refriger

ANALYSES RE...

Lab ID No.	Sample No.	Collection Date	Collection Time	No. of Containers, Size & Type	Description Water	Description Soil	Description Other	Preservative	DRO (WI Modified Method)	GRO (WI Modified Method)	BETX (EPA Method 8020)	PVOC (EPA Method 8020)	VOC (EPA Method 8021)	PAH (EPA Method)	Pb (EPA Method)	1,2-DCA
68822	5101	5-1	855	1-2oz., 1-plastic		X		ICE/MeHanol		X		X			X	X
68823	5201	↓	957	2-2oz., 1-glass		X		↓	X	X		X			X	X
68824	5401		1215	"		X			X	X		X		X	X	X
68825	5501		1325	"		X			X	X		X		X	X	X
68826	5602		1405	1-2oz., 1-plastic		X				X		X			X	X
68827	5702		1500	"		X				X		X			X	X
68828	5802	↓	1528	"		X				X		X			X	X
68829	5902	5-2	822	"		X				X		X			X	X
68830	51002		849	"		X				X		X			X	X
68831	51102	↓	915	"		X		↓		X		X			X	X

Packed for Shipping by: Nicole LaPlant
Shipment Date: 5-3-01

Comments:

ICE PRESENT: (YES) NO
TEMPERATURE 2.4 °C
INITIALS KB

Relinquished By: Nicole LaPlant	Date: 5-3-01	Received By:	Date:
Company: NETI	Time: 3:45	Company:	Time:
Received By: KB	Date: 5-4-01	Received By: DATE 5-4-01 TIME 11:45	Date:
Company:	Time: 1215	Company:	Time:

Relinquished By:	Date:	Relinquished By:	Date:
Company:	Time:	Company:	Time:
Received By:	Date:	Received By:	Date:
Company:	Time:	Company:	Time:

No: 16410

Northern Environmental℠

Hydrologists • Engineers • Geologists

CHAIN OF CUSTODY RECORD REQUEST FOR ANALYSIS

Check office originating request

☐ 1214 W. Venture Ct.
Mequon, WI 53092
262-241-3133
FAX 262-241-8222

☐ 372 West County Road D
New Brighton, MN 55112
651-635-9100
FAX 651-635-0643

☒ 954 Circle Drive
Green Bay, WI 54304
920-592-8400
FAX 920-592-8444

☐ 330 South 4th Avenue
Park Falls, WI 54552
715-762-1544
FAX 715-762-1844

☐ _____

☐ 1203 Storbeck Drive
Waupun, WI 53963
920-324-8600
FAX 920-324-3023

☐ 3211 Arnold Lane
Northbrook, IL 60062
847-562-8577
FAX 847-562-8552

☐ 112 7th Street NE
Rochester, MN 55906
507-282-3800
FAX 507-282-3100

☐ 31628 Glendale Ave., Ste 100
Livonia, MI 48150
734-422-2624
FAX 734-422-3530

Project No: CSY 11662 Task No: 100

Project Location (city): Seymour

Project Manager: Lynelle Caine

Sampler (name): Nicole LaPlant

Sampler (Signature): Nicole LaPlant

Sampling Date(s): 5-1-01 and 5-2-01

Reports to be Sent to: Ann Krzyzewski

Laboratory: CTI

Wisconsin DNR Certification #: 157066030

Laboratory Contact: Eric K.

Price Quote: PECFA

TURNAROUND TIME REQUIRED

☐ Normal ☒ Rush

Date Needed Fri - 5/11/01 or ASAP

Sample Integrity - To be completed by receiving lab
Seal intact upon receipt ☐ yes ☐ no
Method of shipment _____
Contents Temperature _____ °C Refrigerator No. 16104

ANALYSES REQUESTED

Lab ID No.	Sample No.	Collection Date	Collection Time	No. of Containers, Size & Type	Description Water	Description Soil	Description Other	Preservative	DRO (WI Modified Method)	GRO (WI Modified Method)	BETX (EPA Method 8020)	PVOC (EPA Method 8020)	VOC (EPA Method 8021)	PAH (EPA Method)	Pb (EPA Method)	1,2 DCA
65832	51201	5-2	940	1-2oz., 1-plastic		X		MeOH and ICE		X		X			X	X
65833	51301	↓	1030	"		X				X		X			X	X
65834	51502	5-2	1216	"		X				X		X			X	X
65835	51601	↓	1342	"		X				X		X			X	X
65836	51701	↓	1416	"		X		↓		X		X			X	X

Packed for Shipping by: Nicole LaPlant

Shipment Date: 5-3-01

Comments:

ICE PRESENT: (YES) NO

TEMPERATURE 2.4 °C

INITIALS: KB

Relinquished By: NLaPlant	Date: 5-3-01	Relinquished By:	Date:	Relinquished By:	Date:
Company: NETI	Time: 3:45	Company:	Time:	Company:	Time:
Received By: KB.	Date: 5-4-01	Received By: DATE 5-4-01 TIME 1115	Date:	Received By:	Date:
Company:	Time: 1215	Company:	Time:	Company:	Time:

Commonwealth
Technology, Inc.
Laboratory Division

1230 Lange Court
Baraboo, WI 53913-3109
Phone: (800) 228-3012
Fax: (608) 356-2766
EMail: bld@ctienv.com

ORIGINAL ANALYTICAL REPORT

NORTHERN ENVIRONMENTAL
LYNELLE CAINE
954 CIRCLE DRIVE
GREEN BAY, WI 54304

Project Name: SEYMOUR
Contract #: 1595
Project #: CS403-1109-1162
Folder #: 16916
Purchase Order #: INV 17051
Arrival Temperature: See COC
Report Date: 6/8/01
Date Received: 6/1/01
Reprint Date:

CTI LAB#: 72520 Sample Description: S 1901 Sampled: 5/30/01

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Solids, Percent	94.0	%	N/A	N/A	1			6/1/01	TAR	EPA 5030A
Organic Results										
Qualifiers applying to all Analytes of Method EPA 8310: V										
1-Methylnaphthalene	<0.17	mg/kg	0.17	0.56	10		6/4/01	6/8/01	SHU	EPA 8310
2-Methylnaphthalene	<0.16	mg/kg	0.16	0.53	10		6/4/01	6/8/01	SHU	EPA 8310
Acenaphthene	<0.18	mg/kg	0.18	0.59	10		6/4/01	6/8/01	SHU	EPA 8310
Acenaphthylene	<0.16	mg/kg	0.16	0.54	10		6/4/01	6/8/01	SHU	EPA 8310
Anthracene	<0.028	mg/kg	0.028	0.092	10		6/4/01	6/8/01	SHU	EPA 8310
Benzo(a)anthracene	0.16	mg/kg	0.0060	0.020	10		6/4/01	6/8/01	SHU	EPA 8310
Benzo(a)pyrene	0.27	mg/kg	0.022	0.074	10		6/4/01	6/8/01	SHU	EPA 8310
Benzo(b)fluoranthene	0.31	mg/kg	0.0066	0.022	10		6/4/01	6/8/01	SHU	EPA 8310
Benzo(g,h,i)perylene	0.32	mg/kg	0.014	0.048	10		6/4/01	6/8/01	SHU	EPA 8310
Benzo(k)fluoranthene	0.11	mg/kg	0.0077	0.025	10		6/4/01	6/8/01	SHU	EPA 8310
Chrysene	1.8	mg/kg	0.041	0.14	10		6/4/01	6/8/01	SHU	EPA 8310
Dibenzo(a,h)anthracene	0.21	mg/kg	0.043	0.14	10		6/4/01	6/8/01	SHU	EPA 8310
Fluoranthene	0.51	mg/kg	0.0082	0.027	10		6/4/01	6/8/01	SHU	EPA 8310
Fluorene	<0.086	mg/kg	0.086	0.29	10		6/4/01	6/8/01	SHU	EPA 8310
Indeno(1,2,3-cd)pyrene	0.24	mg/kg	0.015	0.051	10		6/4/01	6/8/01	SHU	EPA 8310
Naphthalene	<0.16	mg/kg	0.16	0.54	10		6/4/01	6/8/01	SHU	EPA 8310
Phenanthrene	0.25	mg/kg	0.035	0.12	10		6/4/01	6/8/01	SHU	EPA 8310
Pyrene	0.49	mg/kg	0.030	0.098	10		6/4/01	6/8/01	SHU	EPA 8310

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 72520 Sample Description: S 1901 Sampled: 5/30/01

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method

CTI LAB#: 72521 Sample Description: S 2001 Sampled: 5/30/01

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Solids, Percent	78.6	%	N/A	N/A	1			6/1/01	TAR	EPA 5030A
Metals Results										
Cadmium	0.39	mg/kg	0.100	0.374	1		6/5/01	6/6/01	NAH	EPA 6010B
Lead	36.8	mg/kg	0.25	0.62	1		6/5/01	6/6/01	NAH	EPA 6010B

CTI LAB#: 72522 Sample Description: S 2101 Sampled: 5/30/01

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Solids, Percent	93.9	%	N/A	N/A	1			6/1/01	TAR	EPA 5030A
Organic Results										
Qualifiers applying to all Analytes of Method EPA 8310: V										
1-Methylnaphthalene	<0.086	mg/kg	0.086	0.28	1		6/4/01	6/8/01	SHU	EPA 8310
2-Methylnaphthalene	0.46	mg/kg	0.080	0.26	1		6/4/01	6/8/01	SHU	EPA 8310
Acenaphthene	1.1	mg/kg	0.091	0.30	1		6/4/01	6/8/01	SHU	EPA 8310
Acenaphthylene	<0.080	mg/kg	0.080	0.27	1		6/4/01	6/8/01	SHU	EPA 8310
Anthracene	<0.014	mg/kg	0.014	0.046	1		6/4/01	6/8/01	SHU	EPA 8310
Benzo(a)anthracene	0.34	mg/kg	0.0030	0.010	1		6/4/01	6/8/01	SHU	EPA 8310
Benzo(a)pyrene	0.48	mg/kg	0.011	0.037	1		6/4/01	6/8/01	SHU	EPA 8310
Benzo(b)fluoranthene	0.62	mg/kg	0.0033	0.011	1		6/4/01	6/8/01	SHU	EPA 8310
Benzo(g,h,i)perylene	0.54	mg/kg	0.0070	0.024	1		6/4/01	6/8/01	SHU	EPA 8310
Benzo(k)fluoranthene	0.22	mg/kg	0.0039	0.013	1		6/4/01	6/8/01	SHU	EPA 8310
Chrysene	0.50	mg/kg	0.020	0.069	1		6/4/01	6/8/01	SHU	EPA 8310
Dibenzo(a,h)anthracene	0.45	mg/kg	0.021	0.069	1		6/4/01	6/8/01	SHU	EPA 8310
Fluoranthene	1.1	mg/kg	0.0041	0.014	1		6/4/01	6/8/01	SHU	EPA 8310
Fluorene	<0.043	mg/kg	0.043	0.14	1		6/4/01	6/8/01	SHU	EPA 8310
Indeno(1,2,3-cd)pyrene	0.45	mg/kg	0.0075	0.025	1		6/4/01	6/8/01	SHU	EPA 8310
Naphthalene	<0.080	mg/kg	0.080	0.27	1		6/4/01	6/8/01	SHU	EPA 8310

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 72522 Sample Description: S 2101 Sampled: 5/30/01

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Qualifiers applying to all Analytes of Method EPA 8310: V										
Phenanthrene	0.51	mg/kg	0.018	0.058	1		6/4/01	6/8/01	SHU	EPA 8310
Pyrene	0.92	mg/kg	0.015	0.049	1		6/4/01	6/8/01	SHU	EPA 8310

CTI LAB#: 72523 Sample Description: S 2201 Sampled: 5/30/01

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Solids, Percent	89.3	%	N/A	N/A	1			6/1/01	TAR	EPA 5030A
Organic Results										
Benzene	<25	ug/kg	7.0	22	1		6/6/01	6/8/01	RLD	EPA 8021
1,2-Dichloroethane	<25	ug/kg	19	63	1		6/6/01	6/8/01	RLD	EPA 8021
Ethylbenzene	<25	ug/kg	14	16	1		6/6/01	6/8/01	RLD	EPA 8021
Methyl tert-butyl ether	<25	ug/kg	19	63	1		6/6/01	6/8/01	RLD	EPA 8021
Toluene	<25	ug/kg	13	44	1		6/6/01	6/8/01	RLD	EPA 8021
1,2,4-Trimethylbenzene	<25	ug/kg	11	38	1		6/6/01	6/8/01	RLD	EPA 8021
1,3,5-Trimethylbenzene	<25	ug/kg	9.0	31	1		6/6/01	6/8/01	RLD	EPA 8021
m & p-Xylene	<25	ug/kg	23	76	1		6/6/01	6/8/01	RLD	EPA 8021
o-Xylene	<25	ug/kg	21	70	1		6/6/01	6/8/01	RLD	EPA 8021

CTI LAB#: 72524 Sample Description: S 2301 Sampled: 5/30/01

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Solids, Percent	86.9	%	N/A	N/A	1			6/1/01	TAR	EPA 5030A
Organic Results										
Benzene	<25	ug/kg	7.0	22	1		6/6/01	6/8/01	RLD	EPA 8021
1,2-Dichloroethane	<25	ug/kg	19	63	1		6/6/01	6/8/01	RLD	EPA 8021
Ethylbenzene	<25	ug/kg	14	16	1		6/6/01	6/8/01	RLD	EPA 8021
Methyl tert-butyl ether	<25	ug/kg	19	63	1		6/6/01	6/8/01	RLD	EPA 8021
Toluene	<25	ug/kg	13	44	1		6/6/01	6/8/01	RLD	EPA 8021
1,2,4-Trimethylbenzene	<25	ug/kg	11	38	1		6/6/01	6/8/01	RLD	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 72524 Sample Description: S 2301 Sampled: 5/30/01

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,3,5-Trimethylbenzene	<25	ug/kg	9.0	31	1		6/6/01	6/8/01	RLD	EPA 8021
m & p-Xylene	<25	ug/kg	23	76	1		6/6/01	6/8/01	RLD	EPA 8021
o-Xylene	<25	ug/kg	21	70	1		6/6/01	6/8/01	RLD	EPA 8021

CTI LAB#: 72525 Sample Description: S 2401 Sampled: 5/30/01

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Solids, Percent	85.6	%	N/A	N/A	1			6/1/01	TAR	EPA 5030A
Organic Results										
Benzene	<25	ug/kg	7.0	22	1		6/6/01	6/8/01	RLD	EPA 8021
1,2-Dichloroethane	<25	ug/kg	19	63	1		6/6/01	6/8/01	RLD	EPA 8021
Ethylbenzene	<25	ug/kg	14	16	1		6/6/01	6/8/01	RLD	EPA 8021
Methyl tert-butyl ether	<25	ug/kg	19	63	1		6/6/01	6/8/01	RLD	EPA 8021
Toluene	<25	ug/kg	13	44	1		6/6/01	6/8/01	RLD	EPA 8021
1,2,4-Trimethylbenzene	<25	ug/kg	11	38	1		6/6/01	6/8/01	RLD	EPA 8021
1,3,5-Trimethylbenzene	<25	ug/kg	9.0	31	1		6/6/01	6/8/01	RLD	EPA 8021
m & p-Xylene	<25	ug/kg	23	76	1		6/6/01	6/8/01	RLD	EPA 8021
o-Xylene	<25	ug/kg	21	70	1		6/6/01	6/8/01	RLD	EPA 8021

Notes: * Indicates Value in between LOD and LOQ.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: _____

Record Reviewer

QC Qualifiers

Code	Description
A	Analyte averaged calibration criteria within acceptable limits.
B	Analyte detected in associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
J	Estimated value. The result is less than the reporting limit, but greater than the MDL.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate and/or internal standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Calibration criteria exceeded.

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

Northern Environmental™

Hydrologists • Engineers • Geologists

CHAIN OF CUSTODY RECORD REQUEST FOR ANALYSIS

Page ____ of ____

No: 16465

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- ☒ 954 Circle Drive Green Bay, WI 54304 920-592-8400 FAX 920-592-8444
- ☐ 330 South 4th Avenue Park Falls, WI 54552 715-762-1544 FAX 715-762-1844
- ☐ _____
- ☐ 1203 Storbeck Drive Waupun, WI 53963 920-324-8600 FAX 920-324-3023
- ☐ 3211 Arnold Lane Northbrook, IL 60062 847-562-8577 FAX 847-562-8552
- ☐ 112 7th Street NE Rochester, MN 55906 507-282-3800 FAX 507-282-3100
- ☐ 31628 Glendale Ave Livonia, MI 48150 734-422-2624 FAX 734-422-3530

Folder #: 16916

Company: NORTHERN ENVIRON.

Project: SEYMOUR

Logged By: KMB PM: ETK

Project No: CS4103-1109-1162 Task No:

Project Location: (city) Seymour

Project Manager: Lynelle Caine

Sampler: (name) Nicole LaPlant

Sampler: (Signature) [signature] for NLL

Sampling Date(s): 5/30/01

Reports to be Sent to: Ann Krzyzewski

Laboratory: CTI

Wisconsin DNR Certification #: 157061603O

Laboratory Contact: Eric

Price Quote:

TURNAROUND TIME REQUIRED ☐ Normal ☒ Rush

Date Needed 6/7/01

Sample Integrity - To be completed by receiving lab

Seal intact upon receipt ☐ yes ☐ no

Method of shipment _____

Contents Temperature _____ °C Refrigera

ANALYSES REQUESTED

Lab ID No.	Sample No.	Collection Date	Collection Time	No. of Containers, Size & Type	Description Water	Description Soil	Description Other	Preservative	DRO (WI Modified Method)	GRO (WI Modified Method)	BETX (EPA Method 8020)	PVOC (EPA Method 8020)	VOC (EPA Method 8021)	PAH (EPA Method	Pb (EPA Method	Cadmium	1,2 DCA
72520	S1901	5/30/01		1-4oz		X		Ice						X			
72521	S2001	↓		2-4oz		↓		↓							X	X	
72522	S2101													X			
72523	S2201			1-4oz, 1-2oz								X				X	
72524	S2301			↓								X				X	
72525	S2401	↓		↓		↓		↓				X				X	

ICE PRESENT: (YES) NO

TEMPERATURE 1.4 °C

Packed for Shipping by: [signature]

Shipment Date: 5-31-01

Comments:

INITIALS KB

DATE 6-1-01 TIME 1117

Relinquished By:	Date:	Relinquished By:	Date:	Relinquished By:	Date:
Sue Ichabe	5-31-01				
Company: Northern Environmental	Time: 4pm	Company:	Time:	Company:	Time:
Received By:	Date:	Received By: KB	Date: 6-1-01	Received By:	Date:
Company:	Time:	Company:	Time: 1140	Company:	Time:

Commonwealth
Technology, Inc.
Laboratory Division

1230 Lange Court
Baraboo, WI 53913-3109
Phone: (800) 228-3012
Fax: (608) 356-2766
EMail: bld@ctienv.com

ORIGINAL

ANALYTICAL REPORT

NORTHERN ENVIRONMENTAL
ANN KRZYZEWSKI
954 CIRCLE DRIVE
GREEN BAY, WI 54304

Project Name: SEYMOUR
Contract #: 1595
Project #: CYS1162
Folder #: 16959
Purchase Order #:
Arrival Temperature: See COC
Report Date: 6/12/01
Date Received: 6/2/01
Reprint Date:

CTI LAB#: 72805 Sample Description: S2501 Sampled: 5/31/01 8:52

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Solids, Percent	81.1	%	N/A	N/A	1			6/4/01	TAR	EPA 5030A
Organic Results										
Benzene	<25	ug/kg	7.0	22	1		6/6/01	6/8/01	RLD	EPA 8021
1,2-Dichloroethane	<25	ug/kg	19	63	1		6/6/01	6/8/01	RLD	EPA 8021
Ethylbenzene	<25	ug/kg	14	16	1		6/6/01	6/8/01	RLD	EPA 8021
Methyl tert-butyl ether	<25	ug/kg	19	63	1		6/6/01	6/8/01	RLD	EPA 8021
Toluene	<25	ug/kg	13	44	1		6/6/01	6/8/01	RLD	EPA 8021
1,2,4-Trimethylbenzene	<25	ug/kg	11	38	1		6/6/01	6/8/01	RLD	EPA 8021
1,3,5-Trimethylbenzene	<25	ug/kg	9.0	31	1		6/6/01	6/8/01	RLD	EPA 8021
m & p-Xylene	<25	ug/kg	23	76	1		6/6/01	6/8/01	RLD	EPA 8021
o-Xylene	<25	ug/kg	21	70	1		6/6/01	6/8/01	RLD	EPA 8021

CTI LAB#: 72806 Sample Description: S2602 Sampled: 5/31/01 10:30

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Solids, Percent	77.6	%	N/A	N/A	1			6/4/01	TAR	EPA 5030A
Organic Results										
Benzene	<25	ug/kg	7.0	22	1		6/6/01	6/8/01	RLD	EPA 8021
1,2-Dichloroethane	<25	ug/kg	19	63	1		6/6/01	6/8/01	RLD	EPA 8021
Ethylbenzene	<25	ug/kg	14	16	1		6/6/01	6/8/01	RLD	EPA 8021
Methyl tert-butyl ether	<25	ug/kg	19	63	1		6/6/01	6/8/01	RLD	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 72806 Sample Description: S2602 Sampled: 5/31/01 10:30

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Toluene	<25	ug/kg	13	44	1		6/6/01	6/8/01	RLD	EPA 8021
1,2,4-Trimethylbenzene	<25	ug/kg	11	38	1		6/6/01	6/8/01	RLD	EPA 8021
1,3,5-Trimethylbenzene	<25	ug/kg	9.0	31	1		6/6/01	6/8/01	RLD	EPA 8021
m & p-Xylene	<25	ug/kg	23	76	1		6/6/01	6/8/01	RLD	EPA 8021
o-Xylene	<25	ug/kg	21	70	1		6/6/01	6/8/01	RLD	EPA 8021

CTI LAB#: 72807 Sample Description: S2701 Sampled: 5/31/01 11:19

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Solids, Percent	93.6	%	N/A	N/A	1			6/4/01	TAR	EPA 5030A
Organic Results										
Benzene	<25	ug/kg	7.0	22	1		6/6/01	6/8/01	RLD	EPA 8021
1,2-Dichloroethane	<25	ug/kg	19	63	1		6/6/01	6/8/01	RLD	EPA 8021
Ethylbenzene	<25	ug/kg	14	16	1		6/6/01	6/8/01	RLD	EPA 8021
Methyl tert-butyl ether	<25	ug/kg	19	63	1		6/6/01	6/8/01	RLD	EPA 8021
Toluene	<25	ug/kg	13	44	1		6/6/01	6/8/01	RLD	EPA 8021
1,2,4-Trimethylbenzene	<25	ug/kg	11	38	1		6/6/01	6/8/01	RLD	EPA 8021
1,3,5-Trimethylbenzene	<25	ug/kg	9.0	31	1		6/6/01	6/8/01	RLD	EPA 8021
m & p-Xylene	<25	ug/kg	23	76	1		6/6/01	6/8/01	RLD	EPA 8021
o-Xylene	<25	ug/kg	21	70	1		6/6/01	6/8/01	RLD	EPA 8021

Notes: * Indicates Value in between LOD and LOQ.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: _____

Record Reviewer

Northern Environmental™

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CHAIN OF CUSTODY RECORD REQUEST FOR ANALYSIS

Page 1 of 1

No: 16466

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- ☐ 112 7th Street NE Rochester, MN 55906 507-282-3800 FAX 507-282-3100
- ☐ 31628 Glendale Ave., Ste 100 Livonia, MI 48150 734-422-2624 FAX 734-422-3530

Project No: CS41162 Task No:

Project Location: (city) Seymour

Project Manager: Lynelle Caine

Sampler: (name) Nicole LaPlant

Sampler: (Signature) Nicole LaPlant

Sampling Date(s): 5-31-01

Reports to be Sent to: Ann Krzyzewski

Laboratory: CTI

Wisconsin DNR Certification #: 157066030

Laboratory Contact: Eric K

Price Quote:

TURNAROUND TIME REQUIRED

☒ Normal ☐ Rush

Date Needed: PECFA

Sample Integrity - To be completed by rec
Seal Intact upon receipt ☐ yes ☐ n
Method of shipment _____
Contents Temperature _____

Folder #: 16959

Company: NORTHERN ENVIRON.

Project SEYMOUR

Logged By: NJR PM: ETK

Lab ID No.	Sample No.	Collection Date	Collection Time	No. of Containers, Size & Type	Description Water	Description Soil	Description Other	Preservative	DRO (WI Modified Method)	GRO (WI Modified Method)	BETX (EPA Method 8020)	PVOC (EPA Method 8020)	VOC (EPA Method 8021)	PAH (EPA Method	Pb (EPA Method	1,2 DCA
72805	S2501	5-31-01	852	1-plastic - 1-glass		X		MeOH / ICE				X				X
72806	S2602	↓	1030	↓		X		↓				X				X
72807	S2701	↓	1119	↓		X		↓				X				X

ANALYSES

10

ICE PRESENT: (YES) NO

TEMPERATURE 2.1 °C

INITIALS NP

DATE 6/2/01 TIME 1017

Packed for Shipping by: NJ LaPlant

Shipment Date: 6-1-01

Comments:

Relinquished By	Date	Relinquished By	Date	Relinquished By	Date
NJ LaPlant	6-1-01				
Company: NETI	Time: 10:50	Company:	Time:	Company:	Time:
Received By:	Date:	Received By:	Date: 6/2/01	Received By:	Date:
Company:	Time:	Company: CTI	Time: 1225	Company:	Time:

APPENDIX F2

GROUND-WATER SAMPLES

Commonwealth
Technology, Inc.
Laboratory Division

1230 Lange Court
Baraboo, WI 53913-3109
Phone: (800) 228-3012
Fax: (608) 356-2766
EMail: bld@ctienv.com

ORIGINAL

ANALYTICAL REPORT

NORTHERN ENVIRONMENTAL
LYNELLE CAINE
954 CIRCLE DRIVE
GREEN BAY, WI 54304

Project Name: SEYMOUR
Contract #: 1595
Project #: CSY 1162
Folder #: 16270
Purchase Order #: INV 16427
Arrival Temperature: See COC
Report Date: 5/16/01
Date Received: 5/10/01
Reprint Date:

CTI LAB#: 69572 Sample Description: MW 100 Sampled: 5/8/01 1521

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Metals Results										
Dissolved Lead	<1.4	ug/L	1.4	4.6	1			5/11/01	NAH	EPA 6010B
Organic Results										
Qualifiers applying to all Analytes of Method EPA 8021: V										
1,1,1-Trichloroethane	<150	ug/L	150	550	500			5/15/01	JBB	EPA 8021
1,1,2,2-Tetrachloroethane	<200	ug/L	200	600	500			5/15/01	JBB	EPA 8021
1,1,2-Trichloroethane	<100	ug/L	100	500	500			5/15/01	JBB	EPA 8021
1,1-Dichloroethane	<200	ug/L	200	650	500			5/15/01	JBB	EPA 8021
1,1-Dichloroethene	<450	ug/L	450	1600	500			5/15/01	JBB	EPA 8021
1,2,3-Trichlorobenzene	<250	ug/L	250	750	500			5/15/01	JBB	EPA 8021
1,2,4-Trichlorobenzene	<250	ug/L	250	850	500			5/15/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	<100	ug/L	100	350	500			5/15/01	JBB	EPA 8021
1,2-Dibromo-3-chloropropane	<150	ug/L	150	500	500			5/15/01	JBB	EPA 8021
1,2-Dibromoethane	<150	ug/L	150	400	500			5/15/01	JBB	EPA 8021
1,2-Dichlorobenzene	<150	ug/L	150	550	500			5/15/01	JBB	EPA 8021
1,2-Dichloroethane	<200	ug/L	200	650	500			5/15/01	JBB	EPA 8021
cis-1,2-Dichloroethene	<200	ug/L	200	700	500			5/15/01	JBB	EPA 8021
trans-1,2-Dichloroethene	<400	ug/L	400	1400	500			5/15/01	JBB	EPA 8021
1,2-Dichloropropane	<150	ug/L	150	450	500			5/15/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	<150	ug/L	150	500	500			5/15/01	JBB	EPA 8021
1,3-Dichlorobenzene	<200	ug/L	200	600	500			5/15/01	JBB	EPA 8021
1,3-Dichloropropane	<200	ug/L	200	650	500			5/15/01	JBB	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#:	69572	Sample Description:	MW 100	Sampled:	5/8/01	1521

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Qualifiers applying to all Analytes of Method EPA 8021: V										
1,4-Dichlorobenzene	<200	ug/L	200	600	500			5/15/01	JBB	EPA 8021
2,2-Dichloropropane	<100	ug/L	100	400	500			5/15/01	JBB	EPA 8021
2-Chlorotoluene	<200	ug/L	200	600	500			5/15/01	JBB	EPA 8021
4-Chlorotoluene	<150	ug/L	150	500	500			5/15/01	JBB	EPA 8021
Benzene	9900	ug/L	50	150	500			5/15/01	JBB	EPA 8021
Bromobenzene	<250	ug/L	250	800	500			5/15/01	JBB	EPA 8021
Bromodichloromethane	<100	ug/L	100	300	500			5/15/01	JBB	EPA 8021
n-Butylbenzene	<200	ug/L	200	600	500			5/15/01	JBB	EPA 8021
sec-Butylbenzene	<150	ug/L	150	550	500			5/15/01	JBB	EPA 8021
tert-Butylbenzene	<50	ug/L	50	250	500			5/15/01	JBB	EPA 8021
Carbon tetrachloride	<150	ug/L	150	500	500			5/15/01	JBB	EPA 8021
Chlorobenzene	<150	ug/L	150	500	500			5/15/01	JBB	EPA 8021
Chlorodibromomethane	<200	ug/L	200	600	500			5/15/01	JBB	EPA 8021
Chloroethane	<250	ug/L	250	800	500			5/15/01	JBB	EPA 8021
Chloroform	<250	ug/L	250	750	500			5/15/01	JBB	EPA 8021
Chloromethane	<150	ug/L	150	550	500			5/15/01	JBB	EPA 8021
Dichlorodifluoromethane	<250	ug/L	250	900	500			5/15/01	JBB	EPA 8021
Diisopropyl ether	<50	ug/L	50	150	500			5/15/01	JBB	EPA 8021
Ethylbenzene	<50	ug/L	50	150	500			5/15/01	JBB	EPA 8021
Hexachlorobutadiene	<300	ug/L	300	1100	500			5/15/01	JBB	EPA 8021
Isopropylbenzene	<50	ug/L	50	200	500			5/15/01	JBB	EPA 8021
p-Isopropyltoluene	<100	ug/L	100	350	500			5/15/01	JBB	EPA 8021
Methyl tert-butyl ether	2900	ug/L	550	1900	500			5/15/01	JBB	EPA 8021
Methylene chloride	<950	ug/L	950	3200	500			5/15/01	JBB	EPA 8021
Naphthalene	<350	ug/L	350	1200	500			5/15/01	JBB	EPA 8021
n-Propylbenzene	<150	ug/L	150	450	500			5/15/01	JBB	EPA 8021
Tetrachloroethene	<200	ug/L	200	650	500			5/15/01	JBB	EPA 8021
Toluene	940	ug/L	50	200	500			5/15/01	JBB	EPA 8021
Trichloroethene	<150	ug/L	150	450	500			5/15/01	JBB	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 69572 Sample Description: MW 100 Sampled: 5/8/01 1521

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Qualifiers applying to all Analytes of Method EPA 8021: V										
Trichlorofluoromethane	<200	ug/L	200	600	500			5/15/01	JBB	EPA 8021
Vinyl chloride	<200	ug/L	200	650	500			5/15/01	JBB	EPA 8021
m & p-Xylene	260	ug/L	100 *	400	500			5/15/01	JBB	EPA 8021
o-Xylene	160	ug/L	50 *	200	500			5/15/01	JBB	EPA 8021

CTI LAB#: 69573 Sample Description: MW 300 Sampled: 5/8/01 1540

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Metals Results										
Dissolved Lead	3.3	ug/L	1.4 *	4.6	1			5/11/01	NAH	EPA 6010B
Organic Results										
Qualifiers applying to all Analytes of Method EPA 8021: V										
1,1,1-Trichloroethane	<15	ug/L	15	55	50			5/12/01	JBB	EPA 8021
1,1,2,2-Tetrachloroethane	<20	ug/L	20	60	50			5/12/01	JBB	EPA 8021
1,1,2-Trichloroethane	<10	ug/L	10	50	50			5/12/01	JBB	EPA 8021
1,1-Dichloroethane	<20	ug/L	20	65	50			5/12/01	JBB	EPA 8021
1,1-Dichloroethene	<45	ug/L	45	160	50			5/12/01	JBB	EPA 8021
1,2,3-Trichlorobenzene	<25	ug/L	25	75	50			5/12/01	JBB	EPA 8021
1,2,4-Trichlorobenzene	<25	ug/L	25	85	50			5/12/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	1200	ug/L	10	35	50			5/12/01	JBB	EPA 8021
1,2-Dibromo-3-chloropropane	<15	ug/L	15	50	50			5/12/01	JBB	EPA 8021
1,2-Dibromoethane	<15	ug/L	15	40	50			5/12/01	JBB	EPA 8021
1,2-Dichlorobenzene	<15	ug/L	15	55	50			5/12/01	JBB	EPA 8021
1,2-Dichloroethane	<20	ug/L	20	65	50			5/12/01	JBB	EPA 8021
cis-1,2-Dichloroethene	<20	ug/L	20	70	50			5/12/01	JBB	EPA 8021
trans-1,2-Dichloroethene	<40	ug/L	40	140	50			5/12/01	JBB	EPA 8021
1,2-Dichloropropane	<15	ug/L	15	45	50			5/12/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	370	ug/L	15	50	50			5/12/01	JBB	EPA 8021
1,3-Dichlorobenzene	<20	ug/L	20	60	50			5/12/01	JBB	EPA 8021

Solid sample results reported on a Dry Weight Basis

CTI LAB#:	69573	Sample Description:	MW 300	Sampled:	5/8/01	1540

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Qualifiers applying to all Analytes of Method EPA 8021: V										
1,3-Dichloropropane	<20	ug/L	20	65	50			5/12/01	JBB	EPA 8021
1,4-Dichlorobenzene	<20	ug/L	20	60	50			5/12/01	JBB	EPA 8021
2,2-Dichloropropane	<10	ug/L	10	40	50			5/12/01	JBB	EPA 8021
2-Chlorotoluene	<20	ug/L	20	60	50			5/12/01	JBB	EPA 8021
4-Chlorotoluene	<15	ug/L	15	50	50			5/12/01	JBB	EPA 8021
Benzene	610	ug/L	5.0	15	50			5/12/01	JBB	EPA 8021
Bromobenzene	<25	ug/L	25	80	50			5/12/01	JBB	EPA 8021
Bromodichloromethane	<10	ug/L	10	30	50			5/12/01	JBB	EPA 8021
n-Butylbenzene	130	ug/L	20	60	50			5/12/01	JBB	EPA 8021
sec-Butylbenzene	<15	ug/L	15	55	50			5/12/01	JBB	EPA 8021
tert-Butylbenzene	<5.0	ug/L	5.0	25	50			5/12/01	JBB	EPA 8021
Carbon tetrachloride	<15	ug/L	15	50	50			5/12/01	JBB	EPA 8021
Chlorobenzene	<15	ug/L	15	50	50			5/12/01	JBB	EPA 8021
Chlorodibromomethane	<20	ug/L	20	60	50			5/12/01	JBB	EPA 8021
Chloroethane	<25	ug/L	25	80	50			5/12/01	JBB	EPA 8021
Chloroform	<25	ug/L	25	75	50			5/12/01	JBB	EPA 8021
Chloromethane	<15	ug/L	15	55	50			5/12/01	JBB	EPA 8021
Dichlorodifluoromethane	<25	ug/L	25	90	50			5/12/01	JBB	EPA 8021
Diisopropyl ether	33	ug/L	5.0	15	50			5/12/01	JBB	EPA 8021
Ethylbenzene	1500	ug/L	5.0	15	50			5/12/01	JBB	EPA 8021
Hexachlorobutadiene	<30	ug/L	30	110	50			5/12/01	JBB	EPA 8021
Isopropylbenzene	49	ug/L	5.0	20	50			5/12/01	JBB	EPA 8021
p-Isopropyltoluene	<10	ug/L	10	35	50			5/12/01	JBB	EPA 8021
Methyl tert-butyl ether	<55	ug/L	55	190	50			5/12/01	JBB	EPA 8021
Methylene chloride	<95	ug/L	95	320	50			5/12/01	JBB	EPA 8021
Naphthalene	390	ug/L	35	120	50			5/12/01	JBB	EPA 8021
n-Propylbenzene	130	ug/L	15	45	50			5/12/01	JBB	EPA 8021
Tetrachloroethene	<20	ug/L	20	65	50			5/12/01	JBB	EPA 8021
Toluene	90	ug/L	5.0	20	50			5/12/01	JBB	EPA 8021

CTI LAB#:	69573	Sample Description:	MW 300	Sampled:	5/8/01	1540

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Qualifiers applying to all Analytes of Method EPA 8021: V										
Trichloroethene	<15	ug/L	15	45	50			5/12/01	JBB	EPA 8021
Trichlorofluoromethane	<20	ug/L	20	60	50			5/12/01	JBB	EPA 8021
Vinyl chloride	<20	ug/L	20	65	50			5/12/01	JBB	EPA 8021
m & p-Xylene	3800	ug/L	10	40	50			5/12/01	JBB	EPA 8021
o-Xylene	230	ug/L	5.0	20	50			5/12/01	JBB	EPA 8021

CTI LAB#:	69574	Sample Description:	MW 1700	Sampled:	5/8/01	1610

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Metals Results										
Dissolved Lead	<1.4	ug/L	1.4	4.6	1			5/11/01	NAH	EPA 6010B
Organic Results										
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	1			5/12/01	JBB	EPA 8021
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.2	1			5/12/01	JBB	EPA 8021
1,1,2-Trichloroethane	<0.20	ug/L	0.20	1.0	1			5/12/01	JBB	EPA 8021
1,1-Dichloroethane	<0.40	ug/L	0.40	1.3	1			5/12/01	JBB	EPA 8021
1,1-Dichloroethene	<0.90	ug/L	0.90	3.1	1			5/12/01	JBB	EPA 8021
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.5	1			5/12/01	JBB	EPA 8021
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			5/12/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	<0.20	ug/L	0.20	0.70	1			5/12/01	JBB	EPA 8021
1,2-Dibromo-3-chloropropane	<0.30	ug/L	0.30	1.0	1			5/12/01	JBB	EPA 8021
1,2-Dibromoethane	<0.30	ug/L	0.30	0.80	1			5/12/01	JBB	EPA 8021
1,2-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			5/12/01	JBB	EPA 8021
1,2-Dichloroethane	<0.40	ug/L	0.40	1.3	1			5/12/01	JBB	EPA 8021
cis-1,2-Dichloroethene	<0.40	ug/L	0.40	1.4	1			5/12/01	JBB	EPA 8021
trans-1,2-Dichloroethene	<0.80	ug/L	0.80	2.7	1			5/12/01	JBB	EPA 8021
1,2-Dichloropropane	<0.30	ug/L	0.30	0.90	1			5/12/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.0	1			5/12/01	JBB	EPA 8021
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			5/12/01	JBB	EPA 8021
1,3-Dichloropropane	<0.40	ug/L	0.40	1.3	1			5/12/01	JBB	EPA 8021

CTI LAB#: 69574 Sample Description: MW 1700 Sampled: 5/8/01 1610

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,4-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			5/12/01	JBB	EPA 8021
2,2-Dichloropropane	<0.20	ug/L	0.20	0.80	1			5/12/01	JBB	EPA 8021
2-Chlorotoluene	<0.40	ug/L	0.40	1.2	1			5/12/01	JBB	EPA 8021
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			5/12/01	JBB	EPA 8021
Benzene	<0.10	ug/L	0.10	0.30	1			5/12/01	JBB	EPA 8021
Bromobenzene	<0.50	ug/L	0.50	1.6	1			5/12/01	JBB	EPA 8021
Bromodichloromethane	<0.20	ug/L	0.20	0.60	1			5/12/01	JBB	EPA 8021
n-Butylbenzene	<0.40	ug/L	0.40	1.2	1			5/12/01	JBB	EPA 8021
sec-Butylbenzene	<0.30	ug/L	0.30	1.1	1			5/12/01	JBB	EPA 8021
tert-Butylbenzene	<0.10	ug/L	0.10	0.50	1			5/12/01	JBB	EPA 8021
Carbon tetrachloride	<0.30	ug/L	0.30	1.0	1			5/12/01	JBB	EPA 8021
Chlorobenzene	<0.30	ug/L	0.30	1.0	1			5/12/01	JBB	EPA 8021
Chlorodibromomethane	<0.40	ug/L	0.40	1.2	1			5/12/01	JBB	EPA 8021
Chloroethane	<0.50	ug/L	0.50	1.6	1			5/12/01	JBB	EPA 8021
Chloroform	<0.50	ug/L	0.50	1.5	1			5/12/01	JBB	EPA 8021
Chloromethane	<0.30	ug/L	0.30	1.1	1			5/12/01	JBB	EPA 8021
Dichlorodifluoromethane	<0.50	ug/L	0.50	1.8	1			5/12/01	JBB	EPA 8021
Diisopropyl ether	<0.10	ug/L	0.10	0.30	1			5/12/01	JBB	EPA 8021
Ethylbenzene	<0.10	ug/L	0.10	0.30	1			5/12/01	JBB	EPA 8021
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			5/12/01	JBB	EPA 8021
Isopropylbenzene	<0.10	ug/L	0.10	0.40	1			5/12/01	JBB	EPA 8021
p-Isopropyltoluene	<0.20	ug/L	0.20	0.70	1			5/12/01	JBB	EPA 8021
Methyl tert-butyl ether	<1.1	ug/L	1.1	3.7	1			5/12/01	JBB	EPA 8021
Methylene chloride	<1.9	ug/L	1.9	6.3	1			5/12/01	JBB	EPA 8021
Naphthalene	<0.70	ug/L	0.70	2.4	1			5/12/01	JBB	EPA 8021
n-Propylbenzene	<0.30	ug/L	0.30	0.90	1			5/12/01	JBB	EPA 8021
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			5/12/01	JBB	EPA 8021
Toluene	<0.10	ug/L	0.10	0.40	1			5/12/01	JBB	EPA 8021
Trichloroethene	<0.30	ug/L	0.30	0.90	1			5/12/01	JBB	EPA 8021
Trichlorofluoromethane	<0.40	ug/L	0.40	1.2	1			5/12/01	JBB	EPA 8021
Vinyl chloride	<0.40	ug/L	0.40	1.3	1			5/12/01	JBB	EPA 8021

CTI LAB#:	69574	Sample Description:	MW 1700	Sampled:	5/8/01	1610

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
m & p-Xylene	<0.20	ug/L	0.20	0.80	1			5/12/01	JBB	EPA 8021
o-Xylene	<0.10	ug/L	0.10	0.40	1			5/12/01	JBB	EPA 8021

CTI LAB#:	69575	Sample Description:	MW 200	Sampled:	5/8/01	1555

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Metals Results										
Dissolved Lead	7.0	ug/L	1.4	4.6	1			5/11/01	NAH	EPA 6010B
Organic Results										
1-Methylnaphthalene	51	ug/L	0.98	3.3	5		5/11/01	5/14/01	SHU	EPA 8310
2-Methylnaphthalene	130	ug/L	1.0	3.5	5		5/11/01	5/14/01	SHU	EPA 8310
Acenaphthene	<0.98	ug/L	0.98	3.2	5		5/11/01	5/14/01	SHU	EPA 8310
Acenaphthylene	110	ug/L	1.1	3.6	5		5/11/01	5/14/01	SHU	EPA 8310
Anthracene	<0.19	ug/L	0.19	0.62	5		5/11/01	5/14/01	SHU	EPA 8310
Benzo(a)anthracene	<0.015	ug/L	0.015	0.052	5		5/11/01	5/14/01	SHU	EPA 8310
Benzo(a)pyrene	0.098	ug/L	0.033 *	0.11	5		5/11/01	5/14/01	SHU	EPA 8310
Benzo(b)fluoranthene	<0.027	ug/L	0.027	0.088	5		5/11/01	5/14/01	SHU	EPA 8310
Benzo(g,h,i)perylene	0.41	ug/L	0.088	0.29	5		5/11/01	5/14/01	SHU	EPA 8310
Benzo(k)fluoranthene	<0.026	ug/L	0.026	0.088	5		5/11/01	5/14/01	SHU	EPA 8310
Chrysene	<0.15	ug/L	0.15	0.52	5		5/11/01	5/14/01	SHU	EPA 8310
Dibenzo(a,h)anthracene	<0.22	ug/L	0.22	0.72	5		5/11/01	5/14/01	SHU	EPA 8310
Fluoranthene	0.30	ug/L	0.044	0.15	5	P	5/11/01	5/14/01	SHU	EPA 8310
Fluorene	3.9	ug/L	0.47	1.5	5	P	5/11/01	5/14/01	SHU	EPA 8310
Indeno(1,2,3-cd)pyrene	0.34	ug/L	0.088	0.29	5	P	5/11/01	5/14/01	SHU	EPA 8310
Naphthalene	320	ug/L	1.1	3.7	5		5/11/01	5/14/01	SHU	EPA 8310
Phenanthrene	0.61	ug/L	0.19 *	0.62	5		5/11/01	5/14/01	SHU	EPA 8310
Pyrene	<0.19	ug/L	0.19	0.62	5		5/11/01	5/14/01	SHU	EPA 8310

Qualifiers applying to all Analytes of Method EPA 8021: V

1,1,1-Trichloroethane	<15	ug/L	15	55	50			5/15/01	JBB	EPA 8021
1,1,2,2-Tetrachloroethane	<20	ug/L	20	60	50			5/15/01	JBB	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#:	69575	Sample Description:	MW 200	Sampled:	5/8/01	1555

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Qualifiers applying to all Analytes of Method EPA 8021: V										
1,1,2-Trichloroethane	<10	ug/L	10	50	50			5/15/01	JBB	EPA 8021
1,1-Dichloroethane	<20	ug/L	20	65	50			5/15/01	JBB	EPA 8021
1,1-Dichloroethene	<45	ug/L	45	160	50			5/15/01	JBB	EPA 8021
1,2,3-Trichlorobenzene	<25	ug/L	25	75	50			5/15/01	JBB	EPA 8021
1,2,4-Trichlorobenzene	<25	ug/L	25	85	50			5/15/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	2600	ug/L	10	35	50			5/15/01	JBB	EPA 8021
1,2-Dibromo-3-chloropropane	<15	ug/L	15	50	50			5/15/01	JBB	EPA 8021
1,2-Dibromoethane	<15	ug/L	15	40	50			5/15/01	JBB	EPA 8021
1,2-Dichlorobenzene	<15	ug/L	15	55	50			5/15/01	JBB	EPA 8021
1,2-Dichloroethane	<20	ug/L	20	65	50			5/15/01	JBB	EPA 8021
cis-1,2-Dichloroethene	<20	ug/L	20	70	50			5/15/01	JBB	EPA 8021
trans-1,2-Dichloroethene	<40	ug/L	40	140	50			5/15/01	JBB	EPA 8021
1,2-Dichloropropane	<15	ug/L	15	45	50			5/15/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	600	ug/L	15	50	50			5/15/01	JBB	EPA 8021
1,3-Dichlorobenzene	<20	ug/L	20	60	50			5/15/01	JBB	EPA 8021
1,3-Dichloropropane	<20	ug/L	20	65	50			5/15/01	JBB	EPA 8021
1,4-Dichlorobenzene	<20	ug/L	20	60	50			5/15/01	JBB	EPA 8021
2,2-Dichloropropane	<10	ug/L	10	40	50			5/15/01	JBB	EPA 8021
2-Chlorotoluene	<20	ug/L	20	60	50			5/15/01	JBB	EPA 8021
4-Chlorotoluene	<15	ug/L	15	50	50			5/15/01	JBB	EPA 8021
Benzene	160	ug/L	5.0	15	50			5/15/01	JBB	EPA 8021
Bromobenzene	<25	ug/L	25	80	50			5/15/01	JBB	EPA 8021
Bromodichloromethane	<10	ug/L	10	30	50			5/15/01	JBB	EPA 8021
n-Butylbenzene	220	ug/L	20	60	50			5/15/01	JBB	EPA 8021
sec-Butylbenzene	<15	ug/L	15	55	50			5/15/01	JBB	EPA 8021
tert-Butylbenzene	<5.0	ug/L	5.0	25	50			5/15/01	JBB	EPA 8021
Carbon tetrachloride	<15	ug/L	15	50	50			5/15/01	JBB	EPA 8021
Chlorobenzene	<15	ug/L	15	50	50			5/15/01	JBB	EPA 8021
Chlorodibromomethane	<20	ug/L	20	60	50			5/15/01	JBB	EPA 8021

CTI LAB#:	69575	Sample Description:	MW 200	Sampled:	5/8/01	1555

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Qualifiers applying to all Analytes of Method EPA 8021: V										
Chloroethane	<25	ug/L	25	80	50			5/15/01	JBB	EPA 8021
Chloroform	<25	ug/L	25	75	50			5/15/01	JBB	EPA 8021
Chloromethane	<15	ug/L	15	55	50			5/15/01	JBB	EPA 8021
Dichlorodifluoromethane	<25	ug/L	25	90	50			5/15/01	JBB	EPA 8021
Diisopropyl ether	<5.0	ug/L	5.0	15	50			5/15/01	JBB	EPA 8021
Ethylbenzene	920	ug/L	5.0	15	50			5/15/01	JBB	EPA 8021
Hexachlorobutadiene	<30	ug/L	30	110	50			5/15/01	JBB	EPA 8021
Isopropylbenzene	140	ug/L	5.0	20	50			5/15/01	JBB	EPA 8021
p-Isopropyltoluene	26	ug/L	10 *	35	50			5/15/01	JBB	EPA 8021
Methyl tert-butyl ether	<55	ug/L	55	190	50			5/15/01	JBB	EPA 8021
Methylene chloride	<95	ug/L	95	320	50			5/15/01	JBB	EPA 8021
Naphthalene	390	ug/L	35	120	50			5/15/01	JBB	EPA 8021
n-Propylbenzene	340	ug/L	15	45	50			5/15/01	JBB	EPA 8021
Tetrachloroethene	<20	ug/L	20	65	50			5/15/01	JBB	EPA 8021
Toluene	<5.0	ug/L	5.0	20	50			5/15/01	JBB	EPA 8021
Trichloroethene	<15	ug/L	15	45	50			5/15/01	JBB	EPA 8021
Trichlorofluoromethane	<20	ug/L	20	60	50			5/15/01	JBB	EPA 8021
Vinyl chloride	<20	ug/L	20	65	50			5/15/01	JBB	EPA 8021
m & p-Xylene	3500	ug/L	10	40	50			5/15/01	JBB	EPA 8021
o-Xylene	640	ug/L	5.0	20	50			5/15/01	JBB	EPA 8021

CTI LAB#:	69576	Sample Description:	MW 400	Sampled:	5/8/01	1530

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Metals Results										
Dissolved Lead	<1.4	ug/L	1.4	4.6	1			5/11/01	NAH	EPA 6010B
Organic Results										
1-Methylnaphthalene	3.9	ug/L	0.19	0.64	1		5/11/01	5/13/01	SHU	EPA 8310
2-Methylnaphthalene	2.4	ug/L	0.20	0.67	1		5/11/01	5/13/01	SHU	EPA 8310
Acenaphthene	2.9	ug/L	0.19	0.62	1		5/11/01	5/13/01	SHU	EPA 8310

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 69576 Sample Description: MW 400 Sampled: 5/8/01 1530

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Acenaphthylene	8.6	ug/L	0.21	0.70	1		5/11/01	5/13/01	SHU	EPA 8310
Anthracene	<0.036	ug/L	0.036	0.12	1		5/11/01	5/13/01	SHU	EPA 8310
Benzo(a)anthracene	0.029	ug/L	0.0030	0.010	1		5/11/01	5/13/01	SHU	EPA 8310
Benzo(a)pyrene	0.045	ug/L	0.0064	0.021	1		5/11/01	5/13/01	SHU	EPA 8310
Benzo(b)fluoranthene	0.051	ug/L	0.0052	0.017	1		5/11/01	5/13/01	SHU	EPA 8310
Benzo(g,h,i)perylene	0.066	ug/L	0.017	0.056	1		5/11/01	5/13/01	SHU	EPA 8310
Benzo(k)fluoranthene	0.023	ug/L	0.0051	0.017	1		5/11/01	5/13/01	SHU	EPA 8310
Chrysene	0.068	ug/L	0.030 *	0.10	1	P	5/11/01	5/13/01	SHU	EPA 8310
Dibenzo(a,h)anthracene	<0.043	ug/L	0.043	0.14	1		5/11/01	5/13/01	SHU	EPA 8310
Fluoranthene	0.11	ug/L	0.0086	0.029	1		5/11/01	5/13/01	SHU	EPA 8310
Fluorene	0.32	ug/L	0.091	0.30	1		5/11/01	5/13/01	SHU	EPA 8310
Indeno(1,2,3-cd)pyrene	0.083	ug/L	0.017	0.057	1	P	5/11/01	5/13/01	SHU	EPA 8310
Naphthalene	14	ug/L	0.21	0.71	1		5/11/01	5/13/01	SHU	EPA 8310
Phenanthrene	0.17	ug/L	0.036	0.12	1		5/11/01	5/13/01	SHU	EPA 8310
Pyrene	0.11	ug/L	0.036 *	0.12	1	P	5/11/01	5/13/01	SHU	EPA 8310
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	1			5/12/01	JBB	EPA 8021
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.2	1			5/12/01	JBB	EPA 8021
1,1,2-Trichloroethane	<0.20	ug/L	0.20	1.0	1			5/12/01	JBB	EPA 8021
1,1-Dichloroethane	<0.40	ug/L	0.40	1.3	1			5/12/01	JBB	EPA 8021
1,1-Dichloroethene	<0.90	ug/L	0.90	3.1	1			5/12/01	JBB	EPA 8021
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.5	1			5/12/01	JBB	EPA 8021
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			5/12/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	180	ug/L	2.0	7.0	10			5/15/01	JBB	EPA 8021
1,2-Dibromo-3-chloropropane	<0.30	ug/L	0.30	1.0	1			5/12/01	JBB	EPA 8021
1,2-Dibromoethane	<0.30	ug/L	0.30	0.80	1			5/12/01	JBB	EPA 8021
1,2-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			5/12/01	JBB	EPA 8021
1,2-Dichloroethane	<0.40	ug/L	0.40	1.3	1			5/12/01	JBB	EPA 8021
cis-1,2-Dichloroethene	<0.40	ug/L	0.40	1.4	1			5/12/01	JBB	EPA 8021
trans-1,2-Dichloroethene	<0.80	ug/L	0.80	2.7	1			5/12/01	JBB	EPA 8021
1,2-Dichloropropane	<0.30	ug/L	0.30	0.90	1			5/12/01	JBB	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 69576 Sample Description: MW 400 Sampled: 5/8/01 1530

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,3,5-Trimethylbenzene	18	ug/L	0.30	1.0	1			5/12/01	JBB	EPA 8021
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			5/12/01	JBB	EPA 8021
1,3-Dichloropropane	<0.40	ug/L	0.40	1.3	1			5/12/01	JBB	EPA 8021
1,4-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			5/12/01	JBB	EPA 8021
2,2-Dichloropropane	<0.20	ug/L	0.20	0.80	1			5/12/01	JBB	EPA 8021
2-Chlorotoluene	<0.40	ug/L	0.40	1.2	1			5/12/01	JBB	EPA 8021
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			5/12/01	JBB	EPA 8021
Benzene	9.2	ug/L	0.10	0.30	1			5/12/01	JBB	EPA 8021
Bromobenzene	<0.50	ug/L	0.50	1.6	1			5/12/01	JBB	EPA 8021
Bromodichloromethane	<0.20	ug/L	0.20	0.60	1			5/12/01	JBB	EPA 8021
n-Butylbenzene	9.3	ug/L	0.40	1.2	1			5/12/01	JBB	EPA 8021
sec-Butylbenzene	1.6	ug/L	0.30	1.1	1			5/12/01	JBB	EPA 8021
tert-Butylbenzene	<0.10	ug/L	0.10	0.50	1			5/12/01	JBB	EPA 8021
Carbon tetrachloride	<0.30	ug/L	0.30	1.0	1			5/12/01	JBB	EPA 8021
Chlorobenzene	<0.30	ug/L	0.30	1.0	1			5/12/01	JBB	EPA 8021
Chlorodibromomethane	<0.40	ug/L	0.40	1.2	1			5/12/01	JBB	EPA 8021
Chloroethane	<0.50	ug/L	0.50	1.6	1			5/12/01	JBB	EPA 8021
Chloroform	<0.50	ug/L	0.50	1.5	1			5/12/01	JBB	EPA 8021
Chloromethane	<0.30	ug/L	0.30	1.1	1			5/12/01	JBB	EPA 8021
Dichlorodifluoromethane	1.6	ug/L	0.50	1.8	1	*		5/12/01	JBB	EPA 8021
Diisopropyl ether	<0.10	ug/L	0.10	0.30	1			5/12/01	JBB	EPA 8021
Ethylbenzene	33	ug/L	1.0	3.0	10			5/15/01	JBB	EPA 8021
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			5/12/01	JBB	EPA 8021
Isopropylbenzene	16	ug/L	0.10	0.40	1			5/12/01	JBB	EPA 8021
p-Isopropyltoluene	0.55	ug/L	0.20	0.70	1	*		5/12/01	JBB	EPA 8021
Methyl tert-butyl ether	<1.1	ug/L	1.1	3.7	1			5/12/01	JBB	EPA 8021
Methylene chloride	<1.9	ug/L	1.9	6.3	1			5/12/01	JBB	EPA 8021
Naphthalene	30	ug/L	0.70	2.4	1			5/12/01	JBB	EPA 8021
n-Propylbenzene	33	ug/L	0.30	0.90	1			5/12/01	JBB	EPA 8021
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			5/12/01	JBB	EPA 8021
Toluene	4.0	ug/L	0.10	0.40	1			5/12/01	JBB	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 69576 Sample Description: MW 400 Sampled: 5/8/01 1530

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Trichloroethene	<0.30	ug/L	0.30	0.90	1			5/12/01	JBB	EPA 8021
Trichlorofluoromethane	<0.40	ug/L	0.40	1.2	1			5/12/01	JBB	EPA 8021
Vinyl chloride	<0.40	ug/L	0.40	1.3	1			5/12/01	JBB	EPA 8021
m & p-Xylene	260	ug/L	2.0	8.0	10			5/15/01	JBB	EPA 8021
o-Xylene	25	ug/L	0.10	0.40	1			5/12/01	JBB	EPA 8021

CTI LAB#: 69577 Sample Description: DUPLICATE Sampled: 5/8/01

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Organic Results										
Qualifiers applying to all Analytes of Method EPA 8021: V										
1,1,1-Trichloroethane	<3.0	ug/L	3.0	11	10			5/12/01	JBB	EPA 8021
1,1,2,2-Tetrachloroethane	<4.0	ug/L	4.0	12	10			5/12/01	JBB	EPA 8021
1,1,2-Trichloroethane	<2.0	ug/L	2.0	10	10			5/12/01	JBB	EPA 8021
1,1-Dichloroethane	<4.0	ug/L	4.0	13	10			5/12/01	JBB	EPA 8021
1,1-Dichloroethene	<9.0	ug/L	9.0	31	10			5/12/01	JBB	EPA 8021
1,2,3-Trichlorobenzene	<5.0	ug/L	5.0	15	10			5/12/01	JBB	EPA 8021
1,2,4-Trichlorobenzene	<5.0	ug/L	5.0	17	10			5/12/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	180	ug/L	2.0	7.0	10			5/12/01	JBB	EPA 8021
1,2-Dibromo-3-chloropropane	<3.0	ug/L	3.0	10	10			5/12/01	JBB	EPA 8021
1,2-Dibromoethane	<3.0	ug/L	3.0	8.0	10			5/12/01	JBB	EPA 8021
1,2-Dichlorobenzene	<3.0	ug/L	3.0	11	10			5/12/01	JBB	EPA 8021
1,2-Dichloroethane	<4.0	ug/L	4.0	13	10			5/12/01	JBB	EPA 8021
cis-1,2-Dichloroethene	<4.0	ug/L	4.0	14	10			5/12/01	JBB	EPA 8021
trans-1,2-Dichloroethene	<8.0	ug/L	8.0	27	10			5/12/01	JBB	EPA 8021
1,2-Dichloropropane	<3.0	ug/L	3.0	9.0	10			5/12/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	52	ug/L	3.0	10	10			5/12/01	JBB	EPA 8021
1,3-Dichlorobenzene	<4.0	ug/L	4.0	12	10			5/12/01	JBB	EPA 8021
1,3-Dichloropropane	<4.0	ug/L	4.0	13	10			5/12/01	JBB	EPA 8021
1,4-Dichlorobenzene	<4.0	ug/L	4.0	12	10			5/12/01	JBB	EPA 8021
2,2-Dichloropropane	<2.0	ug/L	2.0	8.0	10			5/12/01	JBB	EPA 8021

CTI LAB#: 69577 Sample Description: DUPLICATE Sampled: 5/8/01

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Qualifiers applying to all Analytes of Method EPA 8021: V										
2-Chlorotoluene	<4.0	ug/L	4.0	12	10			5/12/01	JBB	EPA 8021
4-Chlorotoluene	<3.0	ug/L	3.0	10	10			5/12/01	JBB	EPA 8021
Benzene	11000	ug/L	50	150	500			5/15/01	JBB	EPA 8021
Bromobenzene	<5.0	ug/L	5.0	16	10			5/12/01	JBB	EPA 8021
Bromodichloromethane	<2.0	ug/L	2.0	6.0	10			5/12/01	JBB	EPA 8021
n-Butylbenzene	22	ug/L	4.0	12	10			5/12/01	JBB	EPA 8021
sec-Butylbenzene	<3.0	ug/L	3.0	11	10			5/12/01	JBB	EPA 8021
tert-Butylbenzene	<1.0	ug/L	1.0	5.0	10			5/12/01	JBB	EPA 8021
Carbon tetrachloride	<3.0	ug/L	3.0	10	10			5/12/01	JBB	EPA 8021
Chlorobenzene	<3.0	ug/L	3.0	10	10			5/12/01	JBB	EPA 8021
Chlorodibromomethane	<4.0	ug/L	4.0	12	10			5/12/01	JBB	EPA 8021
Chloroethane	<5.0	ug/L	5.0	16	10			5/12/01	JBB	EPA 8021
Chloroform	<5.0	ug/L	5.0	15	10			5/12/01	JBB	EPA 8021
Chloromethane	<3.0	ug/L	3.0	11	10			5/12/01	JBB	EPA 8021
Dichlorodifluoromethane	34	ug/L	5.0	18	10	M		5/12/01	JBB	EPA 8021
Diisopropyl ether	<1.0	ug/L	1.0	3.0	10			5/12/01	JBB	EPA 8021
Ethylbenzene	160	ug/L	1.0	3.0	10			5/12/01	JBB	EPA 8021
Hexachlorobutadiene	<6.0	ug/L	6.0	21	10			5/12/01	JBB	EPA 8021
Isopropylbenzene	7.2	ug/L	1.0	4.0	10	M		5/12/01	JBB	EPA 8021
p-Isopropyltoluene	<2.0	ug/L	2.0	7.0	10			5/12/01	JBB	EPA 8021
Methyl tert-butyl ether	3200	ug/L	550	1900	500			5/15/01	JBB	EPA 8021
Methylene chloride	<19	ug/L	19	63	10			5/12/01	JBB	EPA 8021
Naphthalene	47	ug/L	7.0	24	10			5/12/01	JBB	EPA 8021
n-Propylbenzene	20	ug/L	3.0	9.0	10			5/12/01	JBB	EPA 8021
Tetrachloroethene	<4.0	ug/L	4.0	13	10			5/12/01	JBB	EPA 8021
Toluene	1300	ug/L	50	200	500			5/15/01	JBB	EPA 8021
Trichloroethene	<3.0	ug/L	3.0	9.0	10			5/12/01	JBB	EPA 8021
Trichlorofluoromethane	<4.0	ug/L	4.0	12	10			5/12/01	JBB	EPA 8021
Vinyl chloride	<4.0	ug/L	4.0	13	10			5/12/01	JBB	EPA 8021

CTI LAB#: 69577 Sample Description: DUPLICATE Sampled: 5/8/01

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Qualifiers applying to all Analytes of Method EPA 8021: V										
m & p-Xylene	500	ug/L	2.0	8.0	10			5/12/01	JBB	EPA 8021
o-Xylene	270	ug/L	1.0	4.0	10			5/12/01	JBB	EPA 8021

CTI LAB#: 69578 Sample Description: TRIP BLANK Sampled: 5/8/01

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Organic Results										
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	1			5/12/01	JBB	EPA 8021
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.2	1			5/12/01	JBB	EPA 8021
1,1,2-Trichloroethane	<0.20	ug/L	0.20	1.0	1			5/12/01	JBB	EPA 8021
1,1-Dichloroethane	<0.40	ug/L	0.40	1.3	1			5/12/01	JBB	EPA 8021
1,1-Dichloroethene	<0.90	ug/L	0.90	3.1	1			5/12/01	JBB	EPA 8021
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.5	1			5/12/01	JBB	EPA 8021
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			5/12/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	<0.20	ug/L	0.20	0.70	1			5/12/01	JBB	EPA 8021
1,2-Dibromo-3-chloropropane	<0.30	ug/L	0.30	1.0	1			5/12/01	JBB	EPA 8021
1,2-Dibromoethane	<0.30	ug/L	0.30	0.80	1			5/12/01	JBB	EPA 8021
1,2-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			5/12/01	JBB	EPA 8021
1,2-Dichloroethane	<0.40	ug/L	0.40	1.3	1			5/12/01	JBB	EPA 8021
cis-1,2-Dichloroethene	<0.40	ug/L	0.40	1.4	1			5/12/01	JBB	EPA 8021
trans-1,2-Dichloroethene	<0.80	ug/L	0.80	2.7	1			5/12/01	JBB	EPA 8021
1,2-Dichloropropane	<0.30	ug/L	0.30	0.90	1			5/12/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.0	1			5/12/01	JBB	EPA 8021
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			5/12/01	JBB	EPA 8021
1,3-Dichloropropane	<0.40	ug/L	0.40	1.3	1			5/12/01	JBB	EPA 8021
1,4-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			5/12/01	JBB	EPA 8021
2,2-Dichloropropane	<0.20	ug/L	0.20	0.80	1			5/12/01	JBB	EPA 8021
2-Chlorotoluene	<0.40	ug/L	0.40	1.2	1			5/12/01	JBB	EPA 8021
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			5/12/01	JBB	EPA 8021
Benzene	<0.10	ug/L	0.10	0.30	1			5/12/01	JBB	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 69578 Sample Description: TRIP BLANK Sampled: 5/8/01

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Bromobenzene	<0.50	ug/L	0.50	1.6	1			5/12/01	JBB	EPA 8021
Bromodichloromethane	<0.20	ug/L	0.20	0.60	1			5/12/01	JBB	EPA 8021
n-Butylbenzene	<0.40	ug/L	0.40	1.2	1			5/12/01	JBB	EPA 8021
sec-Butylbenzene	<0.30	ug/L	0.30	1.1	1			5/12/01	JBB	EPA 8021
tert-Butylbenzene	<0.10	ug/L	0.10	0.50	1			5/12/01	JBB	EPA 8021
Carbon tetrachloride	<0.30	ug/L	0.30	1.0	1			5/12/01	JBB	EPA 8021
Chlorobenzene	<0.30	ug/L	0.30	1.0	1			5/12/01	JBB	EPA 8021
Chlorodibromomethane	<0.40	ug/L	0.40	1.2	1			5/12/01	JBB	EPA 8021
Chloroethane	<0.50	ug/L	0.50	1.6	1			5/12/01	JBB	EPA 8021
Chloroform	<0.50	ug/L	0.50	1.5	1			5/12/01	JBB	EPA 8021
Chloromethane	<0.30	ug/L	0.30	1.1	1			5/12/01	JBB	EPA 8021
Dichlorodifluoromethane	<0.50	ug/L	0.50	1.8	1			5/12/01	JBB	EPA 8021
Diisopropyl ether	<0.10	ug/L	0.10	0.30	1			5/12/01	JBB	EPA 8021
Ethylbenzene	<0.10	ug/L	0.10	0.30	1			5/12/01	JBB	EPA 8021
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			5/12/01	JBB	EPA 8021
Isopropylbenzene	<0.10	ug/L	0.10	0.40	1			5/12/01	JBB	EPA 8021
p-Isopropyltoluene	<0.20	ug/L	0.20	0.70	1			5/12/01	JBB	EPA 8021
Methyl tert-butyl ether	<1.1	ug/L	1.1	3.7	1			5/12/01	JBB	EPA 8021
Methylene chloride	<1.9	ug/L	1.9	6.3	1			5/12/01	JBB	EPA 8021
Naphthalene	<0.70	ug/L	0.70	2.4	1			5/12/01	JBB	EPA 8021
n-Propylbenzene	<0.30	ug/L	0.30	0.90	1			5/12/01	JBB	EPA 8021
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			5/12/01	JBB	EPA 8021
Toluene	<0.10	ug/L	0.10	0.40	1			5/12/01	JBB	EPA 8021
Trichloroethene	<0.30	ug/L	0.30	0.90	1			5/12/01	JBB	EPA 8021
Trichlorofluoromethane	<0.40	ug/L	0.40	1.2	1			5/12/01	JBB	EPA 8021
Vinyl chloride	<0.40	ug/L	0.40	1.3	1			5/12/01	JBB	EPA 8021
m & p-Xylene	<0.20	ug/L	0.20	0.80	1			5/12/01	JBB	EPA 8021
o-Xylene	<0.10	ug/L	0.10	0.40	1			5/12/01	JBB	EPA 8021

Notes: * Indicates Value in between LOD and LOQ.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: _____

Record Reviewer

QC Qualifiers

Code	Description
A	Analyte averaged calibration criteria within acceptable limits.
B	Analyte detected in associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
J	Estimated value. The result is less than the reporting limit, but greater than the MDL.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate and/or internal standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Calibration criteria exceeded.

Northern Environmental
Hydrologists • Engineers • Geologists

CHAIN OF CUSTODY RECORD REQUEST FOR ANALYSIS

Page 1 of 1
No: 15142

Check office originating request

- ☐ 1214 W. Venture Ct. Mequon, WI 53092 262-241-3133 FAX 262-241-8222
- ☐ 372 West County Road D New Brighton, MN 55112 651-635-9100 FAX 651-635-0643
- ☒ 954 Circle Drive Green Bay, WI 54304 920-592-8400 FAX 920-592-8444
- ☐ 330 South 4th Avenue Park Falls, WI 54552 715-762-1544 FAX 715-762-1844
- ☐ _____
- ☐ 1203 Storbeck Drive Waupun, WI 53963 920-324-8600 FAX 920-324-3023
- ☐ 3211 Arnold Lane Northbrook, IL 60062 847-562-8577 FAX 847-562-8552
- ☐ 2222 Hwy 52 North, Ste 210 Rochester, MN 55901 507-282-3800 FAX 507-282-3100
- ☐ 31628 Glendale A Livonia, MI 48150 734-422-2624 FAX 734-422-353(

Folder #: 16270
Company: NORTHERN ENVIRON.
Project: SEYMOUR
Logged By: KMB PM: ETK

Project No: CSY1162 Task No:
Project Location: (city) Seymour
Project Manager: Lynette Caine
Sampler: (name) Nicole LaPlant
Sampler: (Signature) Nicole LaPlant
Sampling Date(s): 5-8-01
Reports to be Sent to: Ann Krzyzewski

Laboratory: CTI
Wisconsin DNR Certification #: 157066030
Laboratory Contact: Eric K
Price Quote: PECFA

TURNAROUND TIME REQUIRED
☐ Normal ☒ Rush
Date Needed 5-16-01

Sample Integrity - To be completed by receiving lab
Seal intact upon receipt ☐ yes ☐ no
Method of shipment _____
Contents Temperature _____ °C Refriger

ANALYSES REQUESTED

Lab ID No.	Sample No.	Collection Date	Collection Time	No. of Containers, Size & Type	Description Water	Description Soil	Description Other	Preservative	DRO (WI Modified Method)	GRO (WI Modified Method)	BETX (EPA Method 8020)	PVOC (EPA Method 8020)	VOC (EPA Method 8021)	PAH (EPA Method)	Pb (EPA Method) dissolved
69572	MW100	5-8-01	1621	3-40ml, 1-250ml	X			HCl/HNO3/ICE					X		X
69573	MW300	"	1540	"	X			"					X		X
69574	MW1700	"	1610	"	X			"					X		X
69575	MW200	"	1555	3-40ml, 1-250ml, 1-Li	X			"					X	X	X
69576	MW400	"	1530	3-40ml, 1-250ml, 2-Li	X			"					X	X	X
69577	Duplicate	"	—	3-40ml	X			HCl/ICE					X		
69578	TRIP	—	—	1-40ml	X			"					X		

Packed for Shipping by: A. Krzyzewski
Shipment Date: 5-9-01

Comments:
ICE PRESENT: (YES) NO
TEMPERATURE 1.8 °C

Relinquished By: A. Krzyzewski	Date:	Relinquished By: INITIALS KB	Date:	Relinquished By:	Date:
Company: Northern Envir.	Time: 3:20pm	Company: DATE 5-10-01 TIME 1113	Time:	Company:	Time:
Received By:	Date:	Received By: K. Burns	Date: 5-10-01	Received By:	Date:
Company:	Time:	Company:	Time: 1220	Company:	Time:

Commonwealth
Technology, Inc.
Laboratory Division

1230 Lange Court
Baraboo, WI 53913-3109
Phone: (800) 228-3012
Fax: (608) 356-2766
EMail: bld@ctienv.com

ORIGINAL

ANALYTICAL REPORT

NORTHERN ENVIRONMENTAL
LYNELLE CAINE
954 CIRCLE DRIVE
GREEN BAY, WI 54304

Project Name: SEYMOUR
Contract #: 1595
Project #: CSY-1162
Folder #: 17046
Purchase Order #: INV 17179
Arrival Temperature: See COC
Report Date: 6/15/01
Date Received: 6/6/01
Reprint Date:

CTI LAB#: 73207 Sample Description: PZ 1800 Sampled: 6/5/01 1410

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Metals Results										
Dissolved Lead	<1.4	ug/L	1.4	4.6	1			6/6/01	NAH	EPA 6010B
Organic Results										
1-Methylnaphthalene	9.6	ug/L	0.19	0.64	1		6/7/01	6/11/01	SHU	EPA 8310
2-Methylnaphthalene	4.8	ug/L	0.20	0.67	1		6/7/01	6/11/01	SHU	EPA 8310
Acenaphthene	<0.19	ug/L	0.19	0.62	1		6/7/01	6/11/01	SHU	EPA 8310
Acenaphthylene	7.4	ug/L	0.21	0.70	1		6/7/01	6/11/01	SHU	EPA 8310
Anthracene	<0.036	ug/L	0.036	0.12	1		6/7/01	6/11/01	SHU	EPA 8310
Benzo(a)anthracene	<0.0030	ug/L	0.0030	0.010	1		6/7/01	6/11/01	SHU	EPA 8310
Benzo(a)pyrene	<0.0064	ug/L	0.0064	0.021	1		6/7/01	6/11/01	SHU	EPA 8310
Benzo(b)fluoranthene	<0.0052	ug/L	0.0052	0.017	1		6/7/01	6/11/01	SHU	EPA 8310
Benzo(g,h,i)perylene	<0.017	ug/L	0.017	0.056	1		6/7/01	6/11/01	SHU	EPA 8310
Benzo(k)fluoranthene	<0.0051	ug/L	0.0051	0.017	1		6/7/01	6/11/01	SHU	EPA 8310
Chrysene	<0.030	ug/L	0.030	0.10	1		6/7/01	6/11/01	SHU	EPA 8310
Dibenzo(a,h)anthracene	<0.043	ug/L	0.043	0.14	1		6/7/01	6/11/01	SHU	EPA 8310
Fluoranthene	<0.0086	ug/L	0.0086	0.029	1		6/7/01	6/11/01	SHU	EPA 8310
Fluorene	<0.091	ug/L	0.091	0.30	1		6/7/01	6/11/01	SHU	EPA 8310
Indeno(1,2,3-cd)pyrene	<0.017	ug/L	0.017	0.057	1		6/7/01	6/11/01	SHU	EPA 8310
Naphthalene	25	ug/L	0.21	0.71	1		6/7/01	6/11/01	SHU	EPA 8310
Phenanthrene	<0.036	ug/L	0.036	0.12	1		6/7/01	6/11/01	SHU	EPA 8310
Pyrene	<0.036	ug/L	0.036	0.12	1		6/7/01	6/11/01	SHU	EPA 8310

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#:	73207	Sample Description:	PZ 1800	Sampled:	6/5/01	1410

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Qualifiers applying to all Analytes of Method EPA 8021: V										
1,1,1-Trichloroethane	<30	ug/L	30	110	100			6/14/01	JBB	EPA 8021
1,1,2,2-Tetrachloroethane	<40	ug/L	40	120	100			6/14/01	JBB	EPA 8021
1,1,2-Trichloroethane	<20	ug/L	20	100	100			6/14/01	JBB	EPA 8021
1,1-Dichloroethane	<40	ug/L	40	130	100			6/14/01	JBB	EPA 8021
1,1-Dichloroethene	<90	ug/L	90	310	100			6/14/01	JBB	EPA 8021
1,2,3-Trichlorobenzene	<50	ug/L	50	150	100			6/14/01	JBB	EPA 8021
1,2,4-Trichlorobenzene	<50	ug/L	50	170	100			6/14/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	170	ug/L	20	70	100			6/14/01	JBB	EPA 8021
1,2-Dibromo-3-chloropropane	<30	ug/L	30	100	100			6/14/01	JBB	EPA 8021
1,2-Dibromoethane	<30	ug/L	30	80	100			6/14/01	JBB	EPA 8021
1,2-Dichlorobenzene	<30	ug/L	30	110	100			6/14/01	JBB	EPA 8021
1,2-Dichloroethane	<40	ug/L	40	130	100			6/14/01	JBB	EPA 8021
cis-1,2-Dichloroethene	<40	ug/L	40	140	100			6/14/01	JBB	EPA 8021
trans-1,2-Dichloroethene	<80	ug/L	80	270	100			6/14/01	JBB	EPA 8021
1,2-Dichloropropane	<30	ug/L	30	90	100			6/14/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	160	ug/L	30	100	100			6/14/01	JBB	EPA 8021
1,3-Dichlorobenzene	<40	ug/L	40	120	100			6/14/01	JBB	EPA 8021
1,3-Dichloropropane	<40	ug/L	40	130	100			6/14/01	JBB	EPA 8021
1,4-Dichlorobenzene	<40	ug/L	40	120	100			6/14/01	JBB	EPA 8021
2,2-Dichloropropane	<20	ug/L	20	80	100			6/14/01	JBB	EPA 8021
2-Chlorotoluene	<40	ug/L	40	120	100			6/14/01	JBB	EPA 8021
4-Chlorotoluene	<30	ug/L	30	100	100			6/14/01	JBB	EPA 8021
Benzene	2200	ug/L	10	30	100			6/14/01	JBB	EPA 8021
Bromobenzene	<50	ug/L	50	160	100			6/14/01	JBB	EPA 8021
Bromodichloromethane	<20	ug/L	20	60	100			6/14/01	JBB	EPA 8021
n-Butylbenzene	<40	ug/L	40	120	100			6/14/01	JBB	EPA 8021
sec-Butylbenzene	<30	ug/L	30	110	100			6/14/01	JBB	EPA 8021
tert-Butylbenzene	<10	ug/L	10	50	100			6/14/01	JBB	EPA 8021
Carbon tetrachloride	<30	ug/L	30	100	100			6/14/01	JBB	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 73207 Sample Description: PZ 1800 Sampled: 6/5/01 1410

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Qualifiers applying to all Analytes of Method EPA 8021: V										
Chlorobenzene	<30	ug/L	30	100	100			6/14/01	JBB	EPA 8021
Chlorodibromomethane	<40	ug/L	40	120	100			6/14/01	JBB	EPA 8021
Chloroethane	<50	ug/L	50	160	100			6/14/01	JBB	EPA 8021
Chloroform	<50	ug/L	50	150	100			6/14/01	JBB	EPA 8021
Chloromethane	<30	ug/L	30	110	100			6/14/01	JBB	EPA 8021
Dichlorodifluoromethane	<50	ug/L	50	180	100			6/14/01	JBB	EPA 8021
Diisopropyl ether	<10	ug/L	10	30	100			6/14/01	JBB	EPA 8021
Ethylbenzene	24	ug/L	10 *	30	100			6/14/01	JBB	EPA 8021
Hexachlorobutadiene	<60	ug/L	60	210	100			6/14/01	JBB	EPA 8021
Isopropylbenzene	<10	ug/L	10	40	100			6/14/01	JBB	EPA 8021
p-Isopropyltoluene	<20	ug/L	20	70	100			6/14/01	JBB	EPA 8021
Methyl tert-butyl ether	240	ug/L	110 *	370	100			6/14/01	JBB	EPA 8021
Methylene chloride	<190	ug/L	190	630	100			6/14/01	JBB	EPA 8021
Naphthalene	<70	ug/L	70	240	100			6/14/01	JBB	EPA 8021
n-Propylbenzene	<30	ug/L	30	90	100			6/14/01	JBB	EPA 8021
Tetrachloroethene	<40	ug/L	40	130	100			6/14/01	JBB	EPA 8021
Toluene	27	ug/L	10 *	40	100			6/14/01	JBB	EPA 8021
Trichloroethene	<30	ug/L	30	90	100			6/14/01	JBB	EPA 8021
Trichlorofluoromethane	<40	ug/L	40	120	100			6/14/01	JBB	EPA 8021
Vinyl chloride	<40	ug/L	40	130	100			6/14/01	JBB	EPA 8021
m & p-Xylene	2800	ug/L	20	80	100			6/14/01	JBB	EPA 8021
o-Xylene	19	ug/L	10 *	40	100			6/14/01	JBB	EPA 8021

CTI LAB#: 73208 Sample Description: MW 2300 Sampled: 6/5/01 1259

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Metals Results										
Dissolved Lead	<1.4	ug/L	1.4	4.6	1			6/6/01	NAH	EPA 6010B
Organic Results										
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	1			6/14/01	JBB	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 73208 Sample Description: MW 2300 Sampled: 6/5/01 1259

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.2	1			6/14/01	JBB	EPA 8021
1,1,2-Trichloroethane	<0.20	ug/L	0.20	1.0	1			6/14/01	JBB	EPA 8021
1,1-Dichloroethane	<0.40	ug/L	0.40	1.3	1			6/14/01	JBB	EPA 8021
1,1-Dichloroethene	<0.90	ug/L	0.90	3.1	1			6/14/01	JBB	EPA 8021
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.5	1			6/14/01	JBB	EPA 8021
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			6/14/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	<0.20	ug/L	0.20	0.70	1			6/14/01	JBB	EPA 8021
1,2-Dibromo-3-chloropropane	<0.30	ug/L	0.30	1.0	1			6/14/01	JBB	EPA 8021
1,2-Dibromoethane	<0.30	ug/L	0.30	0.80	1			6/14/01	JBB	EPA 8021
1,2-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			6/14/01	JBB	EPA 8021
1,2-Dichloroethane	<0.40	ug/L	0.40	1.3	1			6/14/01	JBB	EPA 8021
cis-1,2-Dichloroethene	<0.40	ug/L	0.40	1.4	1			6/14/01	JBB	EPA 8021
trans-1,2-Dichloroethene	<0.80	ug/L	0.80	2.7	1			6/14/01	JBB	EPA 8021
1,2-Dichloropropane	<0.30	ug/L	0.30	0.90	1			6/14/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.0	1			6/14/01	JBB	EPA 8021
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			6/14/01	JBB	EPA 8021
1,3-Dichloropropane	<0.40	ug/L	0.40	1.3	1			6/14/01	JBB	EPA 8021
1,4-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			6/14/01	JBB	EPA 8021
2,2-Dichloropropane	<0.20	ug/L	0.20	0.80	1			6/14/01	JBB	EPA 8021
2-Chlorotoluene	<0.40	ug/L	0.40	1.2	1			6/14/01	JBB	EPA 8021
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			6/14/01	JBB	EPA 8021
Benzene	<0.10	ug/L	0.10	0.30	1			6/14/01	JBB	EPA 8021
Bromobenzene	<0.50	ug/L	0.50	1.6	1			6/14/01	JBB	EPA 8021
Bromodichloromethane	<0.20	ug/L	0.20	0.60	1			6/14/01	JBB	EPA 8021
n-Butylbenzene	<0.40	ug/L	0.40	1.2	1			6/14/01	JBB	EPA 8021
sec-Butylbenzene	<0.30	ug/L	0.30	1.1	1			6/14/01	JBB	EPA 8021
tert-Butylbenzene	<0.10	ug/L	0.10	0.50	1			6/14/01	JBB	EPA 8021
Carbon tetrachloride	<0.30	ug/L	0.30	1.0	1			6/14/01	JBB	EPA 8021
Chlorobenzene	<0.30	ug/L	0.30	1.0	1			6/14/01	JBB	EPA 8021
Chlorodibromomethane	<0.40	ug/L	0.40	1.2	1			6/14/01	JBB	EPA 8021
Chloroethane	<0.50	ug/L	0.50	1.6	1			6/14/01	JBB	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 73208 Sample Description: MW 2300 Sampled: 6/5/01 1259

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Chloroform	<0.50	ug/L	0.50	1.5	1			6/14/01	JBB	EPA 8021
Chloromethane	<0.30	ug/L	0.30	1.1	1			6/14/01	JBB	EPA 8021
Dichlorodifluoromethane	<0.50	ug/L	0.50	1.8	1			6/14/01	JBB	EPA 8021
Diisopropyl ether	<0.10	ug/L	0.10	0.30	1			6/14/01	JBB	EPA 8021
Ethylbenzene	<0.10	ug/L	0.10	0.30	1			6/14/01	JBB	EPA 8021
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			6/14/01	JBB	EPA 8021
Isopropylbenzene	<0.10	ug/L	0.10	0.40	1			6/14/01	JBB	EPA 8021
p-Isopropyltoluene	<0.20	ug/L	0.20	0.70	1			6/14/01	JBB	EPA 8021
Methyl tert-butyl ether	<1.1	ug/L	1.1	3.7	1			6/14/01	JBB	EPA 8021
Methylene chloride	<1.9	ug/L	1.9	6.3	1			6/14/01	JBB	EPA 8021
Naphthalene	<0.70	ug/L	0.70	2.4	1			6/14/01	JBB	EPA 8021
n-Propylbenzene	<0.30	ug/L	0.30	0.90	1			6/14/01	JBB	EPA 8021
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			6/14/01	JBB	EPA 8021
Toluene	<0.10	ug/L	0.10	0.40	1			6/14/01	JBB	EPA 8021
Trichloroethene	<0.30	ug/L	0.30	0.90	1			6/14/01	JBB	EPA 8021
Trichlorofluoromethane	<0.40	ug/L	0.40	1.2	1			6/14/01	JBB	EPA 8021
Vinyl chloride	<0.40	ug/L	0.40	1.3	1			6/14/01	JBB	EPA 8021
m & p-Xylene	<0.20	ug/L	0.20	0.80	1			6/14/01	JBB	EPA 8021
o-Xylene	<0.10	ug/L	0.10	0.40	1			6/14/01	JBB	EPA 8021

CTI LAB#: 73209 Sample Description: MW 2400 Sampled: 6/5/01 1309

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Metals Results										
Dissolved Lead	<1.4	ug/L	1.4	4.6	1			6/6/01	NAH	EPA 6010B
Organic Results										
1-Methylnaphthalene	<0.19	ug/L	0.19	0.64	1		6/7/01	6/10/01	SHU	EPA 8310
2-Methylnaphthalene	<0.20	ug/L	0.20	0.67	1		6/7/01	6/10/01	SHU	EPA 8310
Acenaphthene	<0.19	ug/L	0.19	0.62	1		6/7/01	6/10/01	SHU	EPA 8310
Acenaphthylene	0.41	ug/L	0.21	0.70	1	*	6/7/01	6/10/01	SHU	EPA 8310
Anthracene	<0.036	ug/L	0.036	0.12	1		6/7/01	6/10/01	SHU	EPA 8310
Benzo(a)anthracene	<0.0030	ug/L	0.0030	0.010	1		6/7/01	6/10/01	SHU	EPA 8310

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 73209 Sample Description: MW 2400 Sampled: 6/5/01 1309

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Benzo(a)pyrene	<0.0064	ug/L	0.0064	0.021	1		6/7/01	6/10/01	SHU	EPA 8310
Benzo(b)fluoranthene	<0.0052	ug/L	0.0052	0.017	1		6/7/01	6/10/01	SHU	EPA 8310
Benzo(g,h,i)perylene	<0.017	ug/L	0.017	0.056	1		6/7/01	6/10/01	SHU	EPA 8310
Benzo(k)fluoranthene	<0.0051	ug/L	0.0051	0.017	1		6/7/01	6/10/01	SHU	EPA 8310
Chrysene	<0.030	ug/L	0.030	0.10	1		6/7/01	6/10/01	SHU	EPA 8310
Dibenzo(a,h)anthracene	<0.043	ug/L	0.043	0.14	1		6/7/01	6/10/01	SHU	EPA 8310
Fluoranthene	<0.0086	ug/L	0.0086	0.029	1		6/7/01	6/10/01	SHU	EPA 8310
Fluorene	<0.091	ug/L	0.091	0.30	1		6/7/01	6/10/01	SHU	EPA 8310
Indeno(1,2,3-cd)pyrene	<0.017	ug/L	0.017	0.057	1		6/7/01	6/10/01	SHU	EPA 8310
Naphthalene	<0.21	ug/L	0.21	0.71	1		6/7/01	6/10/01	SHU	EPA 8310
Phenanthrene	<0.036	ug/L	0.036	0.12	1		6/7/01	6/10/01	SHU	EPA 8310
Pyrene	<0.036	ug/L	0.036	0.12	1		6/7/01	6/10/01	SHU	EPA 8310
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	1			6/14/01	JBB	EPA 8021
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.2	1			6/14/01	JBB	EPA 8021
1,1,2-Trichloroethane	<0.20	ug/L	0.20	1.0	1			6/14/01	JBB	EPA 8021
1,1-Dichloroethane	<0.40	ug/L	0.40	1.3	1			6/14/01	JBB	EPA 8021
1,1-Dichloroethene	<0.90	ug/L	0.90	3.1	1			6/14/01	JBB	EPA 8021
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.5	1			6/14/01	JBB	EPA 8021
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			6/14/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	<0.20	ug/L	0.20	0.70	1			6/14/01	JBB	EPA 8021
1,2-Dibromo-3-chloropropane	<0.30	ug/L	0.30	1.0	1			6/14/01	JBB	EPA 8021
1,2-Dibromoethane	<0.30	ug/L	0.30	0.80	1			6/14/01	JBB	EPA 8021
1,2-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			6/14/01	JBB	EPA 8021
1,2-Dichloroethane	<0.40	ug/L	0.40	1.3	1			6/14/01	JBB	EPA 8021
cis-1,2-Dichloroethene	<0.40	ug/L	0.40	1.4	1			6/14/01	JBB	EPA 8021
trans-1,2-Dichloroethene	<0.80	ug/L	0.80	2.7	1			6/14/01	JBB	EPA 8021
1,2-Dichloropropane	<0.30	ug/L	0.30	0.90	1			6/14/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.0	1			6/14/01	JBB	EPA 8021
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			6/14/01	JBB	EPA 8021
1,3-Dichloropropane	<0.40	ug/L	0.40	1.3	1			6/14/01	JBB	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#:	73209	Sample Description:	MW 2400	Sampled:	6/5/01	1309

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,4-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			6/14/01	JBB	EPA 8021
2,2-Dichloropropane	<0.20	ug/L	0.20	0.80	1			6/14/01	JBB	EPA 8021
2-Chlorotoluene	<0.40	ug/L	0.40	1.2	1			6/14/01	JBB	EPA 8021
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			6/14/01	JBB	EPA 8021
Benzene	0.33	ug/L	0.10	0.30	1			6/14/01	JBB	EPA 8021
Bromobenzene	<0.50	ug/L	0.50	1.6	1			6/14/01	JBB	EPA 8021
Bromodichloromethane	<0.20	ug/L	0.20	0.60	1			6/14/01	JBB	EPA 8021
n-Butylbenzene	<0.40	ug/L	0.40	1.2	1			6/14/01	JBB	EPA 8021
sec-Butylbenzene	<0.30	ug/L	0.30	1.1	1			6/14/01	JBB	EPA 8021
tert-Butylbenzene	<0.10	ug/L	0.10	0.50	1			6/14/01	JBB	EPA 8021
Carbon tetrachloride	<0.30	ug/L	0.30	1.0	1			6/14/01	JBB	EPA 8021
Chlorobenzene	<0.30	ug/L	0.30	1.0	1			6/14/01	JBB	EPA 8021
Chlorodibromomethane	<0.40	ug/L	0.40	1.2	1			6/14/01	JBB	EPA 8021
Chloroethane	<0.50	ug/L	0.50	1.6	1			6/14/01	JBB	EPA 8021
Chloroform	<0.50	ug/L	0.50	1.5	1			6/14/01	JBB	EPA 8021
Chloromethane	<0.30	ug/L	0.30	1.1	1			6/14/01	JBB	EPA 8021
Dichlorodifluoromethane	<0.50	ug/L	0.50	1.8	1			6/14/01	JBB	EPA 8021
Diisopropyl ether	<0.10	ug/L	0.10	0.30	1			6/14/01	JBB	EPA 8021
Ethylbenzene	1.4	ug/L	0.10	0.30	1			6/14/01	JBB	EPA 8021
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			6/14/01	JBB	EPA 8021
Isopropylbenzene	0.33	ug/L	0.10 *	0.40	1			6/14/01	JBB	EPA 8021
p-Isopropyltoluene	<0.20	ug/L	0.20	0.70	1			6/14/01	JBB	EPA 8021
Methyl tert-butyl ether	12	ug/L	1.1	3.7	1			6/14/01	JBB	EPA 8021
Methylene chloride	<1.9	ug/L	1.9	6.3	1			6/14/01	JBB	EPA 8021
Naphthalene	<0.70	ug/L	0.70	2.4	1			6/14/01	JBB	EPA 8021
n-Propylbenzene	<0.30	ug/L	0.30	0.90	1			6/14/01	JBB	EPA 8021
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			6/14/01	JBB	EPA 8021
Toluene	<0.10	ug/L	0.10	0.40	1			6/14/01	JBB	EPA 8021
Trichloroethene	<0.30	ug/L	0.30	0.90	1			6/14/01	JBB	EPA 8021
Trichlorofluoromethane	<0.40	ug/L	0.40	1.2	1			6/14/01	JBB	EPA 8021
Vinyl chloride	<0.40	ug/L	0.40	1.3	1			6/14/01	JBB	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#:	73209	Sample Description:	MW 2400	Sampled:	6/5/01	1309

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
m & p-Xylene	1.3	ug/L	0.20	0.80	1			6/14/01	JBB	EPA 8021
o-Xylene	1.5	ug/L	0.10	0.40	1			6/14/01	JBB	EPA 8021

CTI LAB#:	73210	Sample Description:	MW 2500	Sampled:	6/5/01	1356

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Metals Results										
Dissolved Lead	<1.4	ug/L	1.4	4.6	1			6/6/01	NAH	EPA 6010B
Organic Results										
1-Methylnaphthalene	<0.19	ug/L	0.19	0.64	1		6/7/01	6/10/01	SHU	EPA 8310
2-Methylnaphthalene	<0.20	ug/L	0.20	0.67	1		6/7/01	6/10/01	SHU	EPA 8310
Acenaphthene	<0.19	ug/L	0.19	0.62	1		6/7/01	6/10/01	SHU	EPA 8310
Acenaphthylene	<0.21	ug/L	0.21	0.70	1		6/7/01	6/10/01	SHU	EPA 8310
Anthracene	<0.036	ug/L	0.036	0.12	1		6/7/01	6/10/01	SHU	EPA 8310
Benzo(a)anthracene	<0.0030	ug/L	0.0030	0.010	1		6/7/01	6/10/01	SHU	EPA 8310
Benzo(a)pyrene	<0.0064	ug/L	0.0064	0.021	1		6/7/01	6/10/01	SHU	EPA 8310
Benzo(b)fluoranthene	<0.0052	ug/L	0.0052	0.017	1		6/7/01	6/10/01	SHU	EPA 8310
Benzo(g,h,i)perylene	<0.017	ug/L	0.017	0.056	1		6/7/01	6/10/01	SHU	EPA 8310
Benzo(k)fluoranthene	<0.0051	ug/L	0.0051	0.017	1		6/7/01	6/10/01	SHU	EPA 8310
Chrysene	<0.030	ug/L	0.030	0.10	1		6/7/01	6/10/01	SHU	EPA 8310
Dibenzo(a,h)anthracene	<0.043	ug/L	0.043	0.14	1		6/7/01	6/10/01	SHU	EPA 8310
Fluoranthene	<0.0086	ug/L	0.0086	0.029	1		6/7/01	6/10/01	SHU	EPA 8310
Fluorene	<0.091	ug/L	0.091	0.30	1		6/7/01	6/10/01	SHU	EPA 8310
Indeno(1,2,3-cd)pyrene	<0.017	ug/L	0.017	0.057	1		6/7/01	6/10/01	SHU	EPA 8310
Naphthalene	<0.21	ug/L	0.21	0.71	1		6/7/01	6/10/01	SHU	EPA 8310
Phenanthrene	<0.036	ug/L	0.036	0.12	1		6/7/01	6/10/01	SHU	EPA 8310
Pyrene	<0.036	ug/L	0.036	0.12	1		6/7/01	6/10/01	SHU	EPA 8310
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	1			6/14/01	JBB	EPA 8021
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.2	1			6/14/01	JBB	EPA 8021
1,1,2-Trichloroethane	<0.20	ug/L	0.20	1.0	1			6/14/01	JBB	EPA 8021
1,1-Dichloroethane	<0.40	ug/L	0.40	1.3	1			6/14/01	JBB	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 73210 Sample Description: MW 2500 Sampled: 6/5/01 1356

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,1-Dichloroethene	<0.90	ug/L	0.90	3.1	1			6/14/01	JBB	EPA 8021
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.5	1			6/14/01	JBB	EPA 8021
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			6/14/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	<0.20	ug/L	0.20	0.70	1			6/14/01	JBB	EPA 8021
1,2-Dibromo-3-chloropropane	<0.30	ug/L	0.30	1.0	1			6/14/01	JBB	EPA 8021
1,2-Dibromoethane	<0.30	ug/L	0.30	0.80	1			6/14/01	JBB	EPA 8021
1,2-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			6/14/01	JBB	EPA 8021
1,2-Dichloroethane	<0.40	ug/L	0.40	1.3	1			6/14/01	JBB	EPA 8021
cis-1,2-Dichloroethene	<0.40	ug/L	0.40	1.4	1			6/14/01	JBB	EPA 8021
trans-1,2-Dichloroethene	<0.80	ug/L	0.80	2.7	1			6/14/01	JBB	EPA 8021
1,2-Dichloropropane	<0.30	ug/L	0.30	0.90	1			6/14/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.0	1			6/14/01	JBB	EPA 8021
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			6/14/01	JBB	EPA 8021
1,3-Dichloropropane	<0.40	ug/L	0.40	1.3	1			6/14/01	JBB	EPA 8021
1,4-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			6/14/01	JBB	EPA 8021
2,2-Dichloropropane	<0.20	ug/L	0.20	0.80	1			6/14/01	JBB	EPA 8021
2-Chlorotoluene	<0.40	ug/L	0.40	1.2	1			6/14/01	JBB	EPA 8021
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			6/14/01	JBB	EPA 8021
Benzene	<0.10	ug/L	0.10	0.30	1			6/14/01	JBB	EPA 8021
Bromobenzene	<0.50	ug/L	0.50	1.6	1			6/14/01	JBB	EPA 8021
Bromodichloromethane	<0.20	ug/L	0.20	0.60	1			6/14/01	JBB	EPA 8021
n-Butylbenzene	<0.40	ug/L	0.40	1.2	1			6/14/01	JBB	EPA 8021
sec-Butylbenzene	<0.30	ug/L	0.30	1.1	1			6/14/01	JBB	EPA 8021
tert-Butylbenzene	<0.10	ug/L	0.10	0.50	1			6/14/01	JBB	EPA 8021
Carbon tetrachloride	<0.30	ug/L	0.30	1.0	1			6/14/01	JBB	EPA 8021
Chlorobenzene	<0.30	ug/L	0.30	1.0	1			6/14/01	JBB	EPA 8021
Chlorodibromomethane	<0.40	ug/L	0.40	1.2	1			6/14/01	JBB	EPA 8021
Chloroethane	<0.50	ug/L	0.50	1.6	1			6/14/01	JBB	EPA 8021
Chloroform	<0.50	ug/L	0.50	1.5	1			6/14/01	JBB	EPA 8021
Chloromethane	<0.30	ug/L	0.30	1.1	1			6/14/01	JBB	EPA 8021
Dichlorodifluoromethane	<0.50	ug/L	0.50	1.8	1			6/14/01	JBB	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 73210 Sample Description: MW 2500 Sampled: 6/5/01 1356

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Diisopropyl ether	<0.10	ug/L	0.10	0.30	1			6/14/01	JBB	EPA 8021
Ethylbenzene	<0.10	ug/L	0.10	0.30	1			6/14/01	JBB	EPA 8021
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			6/14/01	JBB	EPA 8021
Isopropylbenzene	<0.10	ug/L	0.10	0.40	1			6/14/01	JBB	EPA 8021
p-Isopropyltoluene	<0.20	ug/L	0.20	0.70	1			6/14/01	JBB	EPA 8021
Methyl tert-butyl ether	<1.1	ug/L	1.1	3.7	1			6/14/01	JBB	EPA 8021
Methylene chloride	<1.9	ug/L	1.9	6.3	1			6/14/01	JBB	EPA 8021
Naphthalene	<0.70	ug/L	0.70	2.4	1			6/14/01	JBB	EPA 8021
n-Propylbenzene	<0.30	ug/L	0.30	0.90	1			6/14/01	JBB	EPA 8021
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			6/14/01	JBB	EPA 8021
Toluene	<0.10	ug/L	0.10	0.40	1			6/14/01	JBB	EPA 8021
Trichloroethene	<0.30	ug/L	0.30	0.90	1			6/14/01	JBB	EPA 8021
Trichlorofluoromethane	<0.40	ug/L	0.40	1.2	1			6/14/01	JBB	EPA 8021
Vinyl chloride	<0.40	ug/L	0.40	1.3	1			6/14/01	JBB	EPA 8021
m & p-Xylene	<0.20	ug/L	0.20	0.80	1			6/14/01	JBB	EPA 8021
o-Xylene	<0.10	ug/L	0.10	0.40	1			6/14/01	JBB	EPA 8021

CTI LAB#: 73211 Sample Description: MW 2600 Sampled: 6/5/01 1343

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Metals Results										
Dissolved Lead	<1.4	ug/L	1.4	4.6	1			6/6/01	NAH	EPA 6010B
Organic Results										
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	1			6/13/01	JBB	EPA 8021
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.2	1			6/13/01	JBB	EPA 8021
1,1,2-Trichloroethane	<0.20	ug/L	0.20	1.0	1			6/13/01	JBB	EPA 8021
1,1-Dichloroethane	<0.40	ug/L	0.40	1.3	1			6/13/01	JBB	EPA 8021
1,1-Dichloroethene	<0.90	ug/L	0.90	3.1	1			6/13/01	JBB	EPA 8021
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.5	1			6/13/01	JBB	EPA 8021
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			6/13/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	<0.20	ug/L	0.20	0.70	1			6/13/01	JBB	EPA 8021
1,2-Dibromo-3-chloropropane	<0.30	ug/L	0.30	1.0	1			6/13/01	JBB	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 73211 Sample Description: MW 2600 Sampled: 6/5/01 1343

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,2-Dibromoethane	<0.30	ug/L	0.30	0.80	1			6/13/01	JBB	EPA 8021
1,2-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			6/13/01	JBB	EPA 8021
1,2-Dichloroethane	<0.40	ug/L	0.40	1.3	1			6/13/01	JBB	EPA 8021
cis-1,2-Dichloroethene	<0.40	ug/L	0.40	1.4	1			6/13/01	JBB	EPA 8021
trans-1,2-Dichloroethene	<0.80	ug/L	0.80	2.7	1			6/13/01	JBB	EPA 8021
1,2-Dichloropropane	<0.30	ug/L	0.30	0.90	1			6/13/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.0	1			6/13/01	JBB	EPA 8021
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			6/13/01	JBB	EPA 8021
1,3-Dichloropropane	<0.40	ug/L	0.40	1.3	1			6/13/01	JBB	EPA 8021
1,4-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			6/13/01	JBB	EPA 8021
2,2-Dichloropropane	<0.20	ug/L	0.20	0.80	1			6/13/01	JBB	EPA 8021
2-Chlorotoluene	<0.40	ug/L	0.40	1.2	1			6/13/01	JBB	EPA 8021
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			6/13/01	JBB	EPA 8021
Benzene	<0.10	ug/L	0.10	0.30	1			6/13/01	JBB	EPA 8021
Bromobenzene	<0.50	ug/L	0.50	1.6	1			6/13/01	JBB	EPA 8021
Bromodichloromethane	<0.20	ug/L	0.20	0.60	1			6/13/01	JBB	EPA 8021
n-Butylbenzene	<0.40	ug/L	0.40	1.2	1			6/13/01	JBB	EPA 8021
sec-Butylbenzene	<0.30	ug/L	0.30	1.1	1			6/13/01	JBB	EPA 8021
tert-Butylbenzene	<0.10	ug/L	0.10	0.50	1			6/13/01	JBB	EPA 8021
Carbon tetrachloride	<0.30	ug/L	0.30	1.0	1			6/13/01	JBB	EPA 8021
Chlorobenzene	<0.30	ug/L	0.30	1.0	1			6/13/01	JBB	EPA 8021
Chlorodibromomethane	<0.40	ug/L	0.40	1.2	1			6/13/01	JBB	EPA 8021
Chloroethane	<0.50	ug/L	0.50	1.6	1			6/13/01	JBB	EPA 8021
Chloroform	<0.50	ug/L	0.50	1.5	1			6/13/01	JBB	EPA 8021
Chloromethane	<0.30	ug/L	0.30	1.1	1			6/13/01	JBB	EPA 8021
Dichlorodifluoromethane	<0.50	ug/L	0.50	1.8	1			6/13/01	JBB	EPA 8021
Diisopropyl ether	<0.10	ug/L	0.10	0.30	1			6/13/01	JBB	EPA 8021
Ethylbenzene	<0.10	ug/L	0.10	0.30	1			6/13/01	JBB	EPA 8021
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			6/13/01	JBB	EPA 8021
Isopropylbenzene	<0.10	ug/L	0.10	0.40	1			6/13/01	JBB	EPA 8021
p-Isopropyltoluene	<0.20	ug/L	0.20	0.70	1			6/13/01	JBB	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 73211 Sample Description: MW 2600 Sampled: 6/5/01 1343

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Methyl tert-butyl ether	6.3	ug/L	1.1	3.7	1			6/13/01	JBB	EPA 8021
Methylene chloride	<1.9	ug/L	1.9	6.3	1			6/13/01	JBB	EPA 8021
Naphthalene	<0.70	ug/L	0.70	2.4	1			6/13/01	JBB	EPA 8021
n-Propylbenzene	<0.30	ug/L	0.30	0.90	1			6/13/01	JBB	EPA 8021
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			6/13/01	JBB	EPA 8021
Toluene	<0.10	ug/L	0.10	0.40	1			6/13/01	JBB	EPA 8021
Trichloroethene	<0.30	ug/L	0.30	0.90	1			6/13/01	JBB	EPA 8021
Trichlorofluoromethane	<0.40	ug/L	0.40	1.2	1			6/13/01	JBB	EPA 8021
Vinyl chloride	<0.40	ug/L	0.40	1.3	1			6/13/01	JBB	EPA 8021
m & p-Xylene	<0.20	ug/L	0.20	0.80	1			6/13/01	JBB	EPA 8021
o-Xylene	<0.10	ug/L	0.10	0.40	1			6/13/01	JBB	EPA 8021

CTI LAB#: 73212 Sample Description: MW 2700 Sampled: 6/5/01

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Metals Results										
Dissolved Lead	<1.4	ug/L	1.4	4.6	1			6/6/01	NAH	EPA 6010B
Organic Results										
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	1			6/13/01	JBB	EPA 8021
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.2	1			6/13/01	JBB	EPA 8021
1,1,2-Trichloroethane	<0.20	ug/L	0.20	1.0	1			6/13/01	JBB	EPA 8021
1,1-Dichloroethane	<0.40	ug/L	0.40	1.3	1			6/13/01	JBB	EPA 8021
1,1-Dichloroethene	<0.90	ug/L	0.90	3.1	1			6/13/01	JBB	EPA 8021
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.5	1			6/13/01	JBB	EPA 8021
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			6/13/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	<0.20	ug/L	0.20	0.70	1			6/13/01	JBB	EPA 8021
1,2-Dibromo-3-chloropropane	<0.30	ug/L	0.30	1.0	1			6/13/01	JBB	EPA 8021
1,2-Dibromoethane	<0.30	ug/L	0.30	0.80	1			6/13/01	JBB	EPA 8021
1,2-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			6/13/01	JBB	EPA 8021
1,2-Dichloroethane	<0.40	ug/L	0.40	1.3	1			6/13/01	JBB	EPA 8021
cis-1,2-Dichloroethene	<0.40	ug/L	0.40	1.4	1			6/13/01	JBB	EPA 8021
trans-1,2-Dichloroethene	<0.80	ug/L	0.80	2.7	1			6/13/01	JBB	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 73212 Sample Description: MW 2700 Sampled: 6/5/01

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,2-Dichloropropane	<0.30	ug/L	0.30	0.90	1			6/13/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.0	1			6/13/01	JBB	EPA 8021
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			6/13/01	JBB	EPA 8021
1,3-Dichloropropane	<0.40	ug/L	0.40	1.3	1			6/13/01	JBB	EPA 8021
1,4-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			6/13/01	JBB	EPA 8021
2,2-Dichloropropane	<0.20	ug/L	0.20	0.80	1			6/13/01	JBB	EPA 8021
2-Chlorotoluene	<0.40	ug/L	0.40	1.2	1			6/13/01	JBB	EPA 8021
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			6/13/01	JBB	EPA 8021
Benzene	<0.10	ug/L	0.10	0.30	1			6/13/01	JBB	EPA 8021
Bromobenzene	<0.50	ug/L	0.50	1.6	1			6/13/01	JBB	EPA 8021
Bromodichloromethane	<0.20	ug/L	0.20	0.60	1			6/13/01	JBB	EPA 8021
n-Butylbenzene	<0.40	ug/L	0.40	1.2	1			6/13/01	JBB	EPA 8021
sec-Butylbenzene	<0.30	ug/L	0.30	1.1	1			6/13/01	JBB	EPA 8021
tert-Butylbenzene	<0.10	ug/L	0.10	0.50	1			6/13/01	JBB	EPA 8021
Carbon tetrachloride	<0.30	ug/L	0.30	1.0	1			6/13/01	JBB	EPA 8021
Chlorobenzene	<0.30	ug/L	0.30	1.0	1			6/13/01	JBB	EPA 8021
Chlorodibromomethane	<0.40	ug/L	0.40	1.2	1			6/13/01	JBB	EPA 8021
Chloroethane	<0.50	ug/L	0.50	1.6	1			6/13/01	JBB	EPA 8021
Chloroform	<0.50	ug/L	0.50	1.5	1			6/13/01	JBB	EPA 8021
Chloromethane	<0.30	ug/L	0.30	1.1	1			6/13/01	JBB	EPA 8021
Dichlorodifluoromethane	<0.50	ug/L	0.50	1.8	1			6/13/01	JBB	EPA 8021
Diisopropyl ether	<0.10	ug/L	0.10	0.30	1			6/13/01	JBB	EPA 8021
Ethylbenzene	<0.10	ug/L	0.10	0.30	1			6/13/01	JBB	EPA 8021
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			6/13/01	JBB	EPA 8021
Isopropylbenzene	<0.10	ug/L	0.10	0.40	1			6/13/01	JBB	EPA 8021
p-Isopropyltoluene	<0.20	ug/L	0.20	0.70	1			6/13/01	JBB	EPA 8021
Methyl tert-butyl ether	<1.1	ug/L	1.1	3.7	1			6/13/01	JBB	EPA 8021
Methylene chloride	<1.9	ug/L	1.9	6.3	1			6/13/01	JBB	EPA 8021
Naphthalene	<0.70	ug/L	0.70	2.4	1			6/13/01	JBB	EPA 8021
n-Propylbenzene	<0.30	ug/L	0.30	0.90	1			6/13/01	JBB	EPA 8021
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			6/13/01	JBB	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#:	73212	Sample Description:	MW 2700	Sampled:	6/5/01

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Toluene	<0.10	ug/L	0.10	0.40	1			6/13/01	JBB	EPA 8021
Trichloroethene	<0.30	ug/L	0.30	0.90	1			6/13/01	JBB	EPA 8021
Trichlorofluoromethane	<0.40	ug/L	0.40	1.2	1			6/13/01	JBB	EPA 8021
Vinyl chloride	<0.40	ug/L	0.40	1.3	1			6/13/01	JBB	EPA 8021
m & p-Xylene	<0.20	ug/L	0.20	0.80	1			6/13/01	JBB	EPA 8021
o-Xylene	<0.10	ug/L	0.10	0.40	1			6/13/01	JBB	EPA 8021

CTI LAB#:	73213	Sample Description:	DUP	Sampled:	6/5/01

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Organic Results										
Qualifiers applying to all Analytes of Method EPA 8021: V										
1,1,1-Trichloroethane	<30	ug/L	30	110	100			6/14/01	JBB	EPA 8021
1,1,2,2-Tetrachloroethane	<40	ug/L	40	120	100			6/14/01	JBB	EPA 8021
1,1,2-Trichloroethane	<20	ug/L	20	100	100			6/14/01	JBB	EPA 8021
1,1-Dichloroethane	<40	ug/L	40	130	100			6/14/01	JBB	EPA 8021
1,1-Dichloroethene	<90	ug/L	90	310	100			6/14/01	JBB	EPA 8021
1,2,3-Trichlorobenzene	<50	ug/L	50	150	100			6/14/01	JBB	EPA 8021
1,2,4-Trichlorobenzene	<50	ug/L	50	170	100			6/14/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	180	ug/L	20	70	100			6/14/01	JBB	EPA 8021
1,2-Dibromo-3-chloropropane	<30	ug/L	30	100	100			6/14/01	JBB	EPA 8021
1,2-Dibromoethane	<30	ug/L	30	80	100			6/14/01	JBB	EPA 8021
1,2-Dichlorobenzene	<30	ug/L	30	110	100			6/14/01	JBB	EPA 8021
1,2-Dichloroethane	<40	ug/L	40	130	100			6/14/01	JBB	EPA 8021
cis-1,2-Dichloroethene	<40	ug/L	40	140	100			6/14/01	JBB	EPA 8021
trans-1,2-Dichloroethene	<80	ug/L	80	270	100			6/14/01	JBB	EPA 8021
1,2-Dichloropropane	<30	ug/L	30	90	100			6/14/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	160	ug/L	30	100	100			6/14/01	JBB	EPA 8021
1,3-Dichlorobenzene	<40	ug/L	40	120	100			6/14/01	JBB	EPA 8021
1,3-Dichloropropane	<40	ug/L	40	130	100			6/14/01	JBB	EPA 8021
1,4-Dichlorobenzene	<40	ug/L	40	120	100			6/14/01	JBB	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 73213 Sample Description: DUP Sampled: 6/5/01

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Qualifiers applying to all Analytes of Method EPA 8021: V										
2,2-Dichloropropane	<20	ug/L	20	80	100			6/14/01	JBB	EPA 8021
2-Chlorotoluene	<40	ug/L	40	120	100			6/14/01	JBB	EPA 8021
4-Chlorotoluene	<30	ug/L	30	100	100			6/14/01	JBB	EPA 8021
Benzene	2200	ug/L	10	30	100			6/14/01	JBB	EPA 8021
Bromobenzene	<50	ug/L	50	160	100			6/14/01	JBB	EPA 8021
Bromodichloromethane	<20	ug/L	20	60	100			6/14/01	JBB	EPA 8021
n-Butylbenzene	<40	ug/L	40	120	100			6/14/01	JBB	EPA 8021
sec-Butylbenzene	<30	ug/L	30	110	100			6/14/01	JBB	EPA 8021
tert-Butylbenzene	<10	ug/L	10	50	100			6/14/01	JBB	EPA 8021
Carbon tetrachloride	<30	ug/L	30	100	100			6/14/01	JBB	EPA 8021
Chlorobenzene	<30	ug/L	30	100	100			6/14/01	JBB	EPA 8021
Chlorodibromomethane	<40	ug/L	40	120	100			6/14/01	JBB	EPA 8021
Chloroethane	<50	ug/L	50	160	100			6/14/01	JBB	EPA 8021
Chloroform	<50	ug/L	50	150	100			6/14/01	JBB	EPA 8021
Chloromethane	<30	ug/L	30	110	100			6/14/01	JBB	EPA 8021
Dichlorodifluoromethane	<50	ug/L	50	180	100			6/14/01	JBB	EPA 8021
Diisopropyl ether	<10	ug/L	10	30	100			6/14/01	JBB	EPA 8021
Ethylbenzene	23	ug/L	10	* 30	100			6/14/01	JBB	EPA 8021
Hexachlorobutadiene	<60	ug/L	60	210	100			6/14/01	JBB	EPA 8021
Isopropylbenzene	<10	ug/L	10	40	100			6/14/01	JBB	EPA 8021
p-Isopropyltoluene	<20	ug/L	20	70	100			6/14/01	JBB	EPA 8021
Methyl tert-butyl ether	240	ug/L	110	* 370	100			6/14/01	JBB	EPA 8021
Methylene chloride	<190	ug/L	190	630	100			6/14/01	JBB	EPA 8021
Naphthalene	<70	ug/L	70	240	100			6/14/01	JBB	EPA 8021
n-Propylbenzene	<30	ug/L	30	90	100			6/14/01	JBB	EPA 8021
Tetrachloroethene	<40	ug/L	40	130	100			6/14/01	JBB	EPA 8021
Toluene	29	ug/L	10	* 40	100			6/14/01	JBB	EPA 8021
Trichloroethene	<30	ug/L	30	90	100			6/14/01	JBB	EPA 8021
Trichlorofluoromethane	<40	ug/L	40	120	100			6/14/01	JBB	EPA 8021

CTI LAB#: 73213 Sample Description: DUP Sampled: 6/5/01

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Qualifiers applying to all Analytes of Method EPA 8021: V										
Vinyl chloride	<40	ug/L	40	130	100			6/14/01	JBB	EPA 8021
m & p-Xylene	2900	ug/L	20	80	100			6/14/01	JBB	EPA 8021
o-Xylene	17	ug/L	10 *	40	100			6/14/01	JBB	EPA 8021

CTI LAB#: 73214 Sample Description: TRIP BLANK Sampled: 6/5/01

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Organic Results										
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	1			6/13/01	JBB	EPA 8021
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.2	1			6/13/01	JBB	EPA 8021
1,1,2-Trichloroethane	<0.20	ug/L	0.20	1.0	1			6/13/01	JBB	EPA 8021
1,1-Dichloroethane	<0.40	ug/L	0.40	1.3	1			6/13/01	JBB	EPA 8021
1,1-Dichloroethene	<0.90	ug/L	0.90	3.1	1			6/13/01	JBB	EPA 8021
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.5	1			6/13/01	JBB	EPA 8021
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			6/13/01	JBB	EPA 8021
1,2,4-Trimethylbenzene	<0.20	ug/L	0.20	0.70	1			6/13/01	JBB	EPA 8021
1,2-Dibromo-3-chloropropane	<0.30	ug/L	0.30	1.0	1			6/13/01	JBB	EPA 8021
1,2-Dibromoethane	<0.30	ug/L	0.30	0.80	1			6/13/01	JBB	EPA 8021
1,2-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			6/13/01	JBB	EPA 8021
1,2-Dichloroethane	<0.40	ug/L	0.40	1.3	1			6/13/01	JBB	EPA 8021
cis-1,2-Dichloroethene	<0.40	ug/L	0.40	1.4	1			6/13/01	JBB	EPA 8021
trans-1,2-Dichloroethene	<0.80	ug/L	0.80	2.7	1			6/13/01	JBB	EPA 8021
1,2-Dichloropropane	<0.30	ug/L	0.30	0.90	1			6/13/01	JBB	EPA 8021
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.0	1			6/13/01	JBB	EPA 8021
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			6/13/01	JBB	EPA 8021
1,3-Dichloropropane	<0.40	ug/L	0.40	1.3	1			6/13/01	JBB	EPA 8021
1,4-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			6/13/01	JBB	EPA 8021
2,2-Dichloropropane	<0.20	ug/L	0.20	0.80	1			6/13/01	JBB	EPA 8021
2-Chlorotoluene	<0.40	ug/L	0.40	1.2	1			6/13/01	JBB	EPA 8021
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			6/13/01	JBB	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 73214 Sample Description: TRIP BLANK Sampled: 6/5/01

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Benzene	<0.10	ug/L	0.10	0.30	1			6/13/01	JBB	EPA 8021
Bromobenzene	<0.50	ug/L	0.50	1.6	1			6/13/01	JBB	EPA 8021
Bromodichloromethane	<0.20	ug/L	0.20	0.60	1			6/13/01	JBB	EPA 8021
n-Butylbenzene	<0.40	ug/L	0.40	1.2	1			6/13/01	JBB	EPA 8021
sec-Butylbenzene	<0.30	ug/L	0.30	1.1	1			6/13/01	JBB	EPA 8021
tert-Butylbenzene	<0.10	ug/L	0.10	0.50	1			6/13/01	JBB	EPA 8021
Carbon tetrachloride	<0.30	ug/L	0.30	1.0	1			6/13/01	JBB	EPA 8021
Chlorobenzene	<0.30	ug/L	0.30	1.0	1			6/13/01	JBB	EPA 8021
Chlorodibromomethane	<0.40	ug/L	0.40	1.2	1			6/13/01	JBB	EPA 8021
Chloroethane	<0.50	ug/L	0.50	1.6	1			6/13/01	JBB	EPA 8021
Chloroform	<0.50	ug/L	0.50	1.5	1			6/13/01	JBB	EPA 8021
Chloromethane	<0.30	ug/L	0.30	1.1	1			6/13/01	JBB	EPA 8021
Dichlorodifluoromethane	<0.50	ug/L	0.50	1.8	1			6/13/01	JBB	EPA 8021
Diisopropyl ether	<0.10	ug/L	0.10	0.30	1			6/13/01	JBB	EPA 8021
Ethylbenzene	<0.10	ug/L	0.10	0.30	1			6/13/01	JBB	EPA 8021
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			6/13/01	JBB	EPA 8021
Isopropylbenzene	<0.10	ug/L	0.10	0.40	1			6/13/01	JBB	EPA 8021
p-Isopropyltoluene	<0.20	ug/L	0.20	0.70	1			6/13/01	JBB	EPA 8021
Methyl tert-butyl ether	<1.1	ug/L	1.1	3.7	1			6/13/01	JBB	EPA 8021
Methylene chloride	<1.9	ug/L	1.9	6.3	1			6/13/01	JBB	EPA 8021
Naphthalene	<0.70	ug/L	0.70	2.4	1			6/13/01	JBB	EPA 8021
n-Propylbenzene	<0.30	ug/L	0.30	0.90	1			6/13/01	JBB	EPA 8021
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			6/13/01	JBB	EPA 8021
Toluene	<0.10	ug/L	0.10	0.40	1			6/13/01	JBB	EPA 8021
Trichloroethene	<0.30	ug/L	0.30	0.90	1			6/13/01	JBB	EPA 8021
Trichlorofluoromethane	<0.40	ug/L	0.40	1.2	1			6/13/01	JBB	EPA 8021
Vinyl chloride	<0.40	ug/L	0.40	1.3	1			6/13/01	JBB	EPA 8021
m & p-Xylene	<0.20	ug/L	0.20	0.80	1			6/13/01	JBB	EPA 8021
o-Xylene	<0.10	ug/L	0.10	0.40	1			6/13/01	JBB	EPA 8021

Notes: * Indicates Value in between LOD and LOQ.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: _____

Record Reviewer

QC Qualifiers

Code	Description
A	Analyte averaged calibration criteria within acceptable limits.
B	Analyte detected in associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
J	Estimated value. The result is less than the reporting limit, but greater than the MDL.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate and/or internal standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Calibration criteria exceeded.

Northern Environmental
Hydrologists • Engineers • Geologists

CHAIN OF CUSTODY RECORD REQUEST FOR ANALYSIS

Page 1 of 1
No: 16469

Check office originating request

- ☐ 1214 W. Venture Ct. Mequon, WI 53092 262-241-3133 FAX 262-241-8222
- ☐ 372 West County Road D New Brighton, MN 55112 651-635-9100 FAX 651-635-0643
- ☒ 954 Circle Drive Green Bay, WI 54304 920-592-8400 FAX 920-592-8444
- ☐ 330 South 4th Avenue Park Falls, WI 5 715-762-1544 FAX 715-762-1
- ☐ 1203 Storbeck Drive Waupun, WI 53963 920-324-8600 FAX 920-324-3023
- ☐ 3211 Arnold Lane Northbrook, IL 60062 847-562-8577 FAX 847-562-8552
- ☐ 112 7th Street NE Rochester, MN 55906 507-282-3800 FAX 507-282-3100
- ☐ 31628 Glendale Livonia, MI 481 734-422-2624 FAX 734-422-3

Folder #: 17046
Company: NORTHERN ENVIRON
Project: SEYMOUR
Logged By: KMB PM: ETK

Project No: CSV-11162 Task No:
Project Location: (city) Seymour
Project Manager: Lynelle Caine
Sampler: (name) Kevin Eibenholz
Sampler: (Signature) Kevin R E
Sampling Date(s): 6-5-01
Reports to be Sent to: AKRZYZEWSKI@Northern-env.com

Laboratory: C.T.E.
Wisconsin DNR Certification #: 157066030
Laboratory Contact: Eric Koethals
Price Quote:

TURNAROUND TIME REQUIRED
☐ Normal ☒ Rush
Date Needed: 6-19-01

Sample Integrity - To be completed by receiving
Seal intact upon receipt ☐ yes ☐ no
Method of shipment
Contents Temperature °C Refrigerator No. 1 1 0 7 6

ANALYSES REQUESTED

ICE PRESENT: YES NO
TEMPERATURE 0.2 °C
INITIALS
DATE 6/6/01 TIME 1154

Lab ID No.	Sample No.	Collection Date	Collection Time	No. of Containers, Size & Type	Description Water	Description Soil	Description Other	Preservative	DRO (WI Modified Method)	GRO (WI Modified Method)	BETX (EPA Method 8020)	PVOC (EPA Method 8020)	VOC (EPA Method 8021)	PAH (EPA Method	Pb (EPA Method	dissolved Pb
73207	PZ1800	6-5-01	1410	3-40mL, 1-250mL 2-1L 1 amber	X			HCL/HNO3					X	X		X
73208	MW2300		1259	3-40mL, 1-250mL	X								X			X
73209	MW2400		1309	3-40mL, 1-250mL 2-1L 1 amber	X								X	X		X
73210	MW2500		1356	↓	X								X	X		X
73211	MW2600		1343	3-40mL/1-250mL	X								X			X
73212	MW2700		1324	↓	X			↓					X			X
73213	Dup		—	3-40mL	X			HCL					X			
73214	Trip	↓	—	↓	X			↓					X			

Packed for Shipping by: Kevin Eibenholz
Shipment Date: 6-5-01

Comments:

Relinquished By:	Date:	Relinquished By:	Date:	Relinquished By:	Date:
Kevin R E	6-5-01				
Company: NETI	Time: 1525	Company:	Time:	Company:	Time:
Received By:	Date:	Received By: K.B.	Date: 6-6-01	Received By:	Date:
Company:	Time:	Company: 1123	Time:	Company:	Time:

1230 Lange Court
Baraboo, WI 53913-3109
Phone: (800) 228-3012
Fax: (608) 356-2766
www.ctlaboratories.com

ANALYTICAL REPORT

ORIGINAL

NORTHERN ENVIRONMENTAL
ANN KRZYZEWSKI
954 CIRCLE DRIVE
GREEN BAY, WI 54304

Project Name: SEYMOUR
Contract #: 1595
Project #: CSY 03 1109 1162
Folder #: 23381
Purchase Order #: INV 23301
Arrival Temperature: See COC
Report Date: 1/29/02
Date Received: 1/17/02
Reprint Date:

CTI LAB#: 106810 Sample Description: PZ 1800 Sampled: 1/11/02 1227

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Organic Results										
Benzene	1400	ug/L	20	65	50			1/26/02	RKR	EPA 8020
Ethylbenzene	38	ug/L	20 *	65	50			1/26/02	RKR	EPA 8020
Methyl tert-butyl ether	290	ug/L	20	75	50			1/26/02	RKR	EPA 8020
Naphthalene	<65	ug/L	65	220	50			1/26/02	RKR	EPA 8020
Toluene	33	ug/L	20 *	65	50			1/26/02	RKR	EPA 8020
1,2,4-Trimethylbenzene	130	ug/L	25	85	50			1/26/02	RKR	EPA 8020
1,3,5-Trimethylbenzene	35	ug/L	20 *	70	50			1/26/02	RKR	EPA 8020
m & p-Xylene	1300	ug/L	45	160	50			1/26/02	RKR	EPA 8020
o-Xylene	<25	ug/L	25	80	50			1/26/02	RKR	EPA 8020

Notes: * Indicates Value in between LOD and LOQ.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: _____

Record Reviewer

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

Northern Environmental
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CHAIN OF CUSTODY RECORD REQUEST FOR ANALYSIS

No: 17407

Check office originating request

- [x] 954 Circle Drive, Green Bay, WI 54304, 920-592-8400, FAX 920-592-8444
- [ ] 330 South 4th Avenue, Park Falls, WI 54552, 715-762-1544, FAX 715-762-1844
- [ ] 16543 State Hwy 371, Brainerd, MN 56401, 218-825-9001, FAX 218-828-8600
- [ ] 647 Academy Dr., Northbrook, IL 60062, 847-562-8577, FAX 847-562-8552
- [ ] 3349 Southgate Court SW #102, Cedar Rapids, IA 52404, 319-365-0466, FAX 319-365-0464
- [ ] 1214 W. Venture Ct., Mequon, WI 53092, 262-241-3133, FAX 262-241-8222
- [ ] 1203 Storbeck Drive, Waupun, WI 53963, 920-324-8600, FAX 920-324-3023
- [ ] 372 West County Road D, New Brighton, MN 55112, 651-635-9100, FAX 651-635-0643
- [ ] 112 7th Street NE, Rochester, MN 55906, 507-282-3800, FAX 507-282-3100
- [ ] 801 East Mt. Hope, Lansing, MI 48910, 517-702-0470, FAX 517-702-0477
- [ ] _____

Project No: CSy 03 1109 1162 Task No:

Project Location: (city) Seymour

Project Manager: Lynette Caine

Sampler: (name) Jeff Brandl

Sampler: (Signature) Jeff Brandl

Sampling Date(s): 1-11-02

Reports to be Sent to: Ann K.

Laboratory: CT Laboratory

Wisconsin DNR Certification #: 157066030

Laboratory Contact: Eric Koethe

Price Quote:

TURNAROUND TIME REQUIRED

[x] Normal [ ] Rush

Date Needed _____

Sample Integrity - To be completed by receiving lab
Seal intact upon receipt [ ] yes [ ] no
Method of shipment _____
Contents Temperature _____ °C Refrigerator No. _____

ANALYSES REQUESTED

Lab ID No.	Sample No.	Collection Date	Collection Time	No. of Containers, Size & Type	Description Water	Description Soil	Description Other	Preservative	DRO (WI Modified Method)	GRO (WI Modified Method)	BETX (EPA Method 8020)	PVOC (EPA Method 8020)	VOC (EPA Method 8021)	PAH (EPA Method	Pb (EPA Method	Naphthalene
106510	Pz 1800	1-11-02	1227	3-40-1	X			HCl				X				X

23381

Folder # 23381
Company NORTHERN ENVIRON
Project SEYMOUR
Logged By KDB PM ETK

Packed for Shipping by: Jeff Brandl

Shipment Date: 1-16-02

Comments: e MAILED 1-30-02

Relinquished By:	Date:	Relinquished By:	Date:	Relinquished By:	Date:
Jeff Brandl	1-16-02				
Company: Northern Environmental	Time: 15:00	Company:	Time:	Company:	Time:
Received By: KDB	Date: 1/17/02	Received By:	Date:	Received By:	Date:
Company: CT LABORATORIES	Time: 1339	Company:	Time:	Company:	Time:

1230 Lange Court
Baraboo, WI 53913-3109
Phone: (800) 228-3012
Fax: (608) 356-2766
www.ctlaboratories.com

ORIGINAL ANALYTICAL REPORT

NORTHERN ENVIRONMENTAL
ANN KRZYZEWSKI
954 CIRCLE DRIVE
GREEN BAY, WI 54304

Project Name: SEYMOUR
Contract #: 1595
Project #: CSY03-1109-1162
Folder #: 24379
Purchase Order #: INV 24241
Arrival Temperature: See COC
Report Date: 3/8/02
Date Received: 2/28/02
Reprint Date:

CTI LAB#: 112397 Sample Description: MW100 Sampled: 2/27/02 1302

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Organic Results										
Benzene	9800	ug/L	200	650	500			3/7/02	PRH	EPA 8020
Ethylbenzene	2400	ug/L	200	650	500			3/7/02	PRH	EPA 8020
Methyl tert-butyl ether	<200	ug/L	200	750	500			3/7/02	PRH	EPA 8020
Naphthalene	<650	ug/L	650	2200	500			3/7/02	PRH	EPA 8020
Toluene	13000	ug/L	200	650	500			3/7/02	PRH	EPA 8020
1,2,4-Trimethylbenzene	2400	ug/L	250	850	500			3/7/02	PRH	EPA 8020
1,3,5-Trimethylbenzene	590	ug/L	200 *	700	500			3/7/02	PRH	EPA 8020
m & p-Xylene	8900	ug/L	450	1600	500			3/7/02	PRH	EPA 8020
o-Xylene	4600	ug/L	250	800	500			3/7/02	PRH	EPA 8020

CTI LAB#: 112398 Sample Description: MW200 Sampled: 2/27/02 1312

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Organic Results										
Benzene	580	ug/L	20	65	50			3/6/02	PRH	EPA 8020
Ethylbenzene	350	ug/L	20	65	50			3/6/02	PRH	EPA 8020
Methyl tert-butyl ether	74	ug/L	20 *	75	50			3/6/02	PRH	EPA 8020
Naphthalene	150	ug/L	65 *	220	50			3/6/02	PRH	EPA 8020
Toluene	24	ug/L	20 *	65	50			3/6/02	PRH	EPA 8020
1,2,4-Trimethylbenzene	1300	ug/L	25	85	50			3/6/02	PRH	EPA 8020
1,3,5-Trimethylbenzene	270	ug/L	20	70	50			3/6/02	PRH	EPA 8020

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#:	112398	Sample Description:	MW200	Sampled:	2/27/02	1312

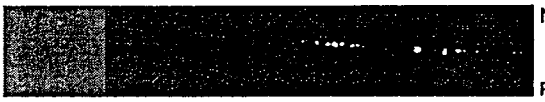
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
m & p-Xylene	1300	ug/L	45	160	50			3/6/02	PRH	EPA 8020
o-Xylene	160	ug/L	25	80	50			3/6/02	PRH	EPA 8020

CTI LAB#:	112399	Sample Description:	MW300	Sampled:	2/27/02	1258

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Organic Results										
Benzene	240	ug/L	20	65	50			3/6/02	PRH	EPA 8020
Ethylbenzene	550	ug/L	20	65	50			3/6/02	PRH	EPA 8020
Methyl tert-butyl ether	<20	ug/L	20	75	50			3/6/02	PRH	EPA 8020
Naphthalene	<65	ug/L	65	220	50			3/6/02	PRH	EPA 8020
Toluene	<20	ug/L	20	65	50			3/6/02	PRH	EPA 8020
1,2,4-Trimethylbenzene	460	ug/L	25	85	50			3/6/02	PRH	EPA 8020
1,3,5-Trimethylbenzene	74	ug/L	20	70	50			3/6/02	PRH	EPA 8020
m & p-Xylene	590	ug/L	45	160	50			3/6/02	PRH	EPA 8020
o-Xylene	<25	ug/L	25	80	50			3/6/02	PRH	EPA 8020

CTI LAB#:	112400	Sample Description:	MW400	Sampled:	2/27/02	1253

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Organic Results										
Benzene	37	ug/L	2.0	6.5	5	M		3/7/02	PRH	EPA 8020
Ethylbenzene	28	ug/L	2.0	6.5	5	M		3/7/02	PRH	EPA 8020
Methyl tert-butyl ether	3.7	ug/L	2.0 *	7.5	5	M		3/7/02	PRH	EPA 8020
Naphthalene	7.6	ug/L	6.5 *	22	5	M		3/7/02	PRH	EPA 8020
Toluene	<2.0	ug/L	2.0	6.5	5	M		3/7/02	PRH	EPA 8020
1,2,4-Trimethylbenzene	230	ug/L	2.5	8.5	5	M		3/7/02	PRH	EPA 8020
1,3,5-Trimethylbenzene	7.1	ug/L	2.0	7.0	5	M		3/7/02	PRH	EPA 8020
m & p-Xylene	290	ug/L	4.5	16	5	M		3/7/02	PRH	EPA 8020
o-Xylene	<2.5	ug/L	2.5	8.0	5	M		3/7/02	PRH	EPA 8020



NORTHERN ENVIRONMENTAL

Contract #: 1595
Folder #: 24379

Project Name: SEYMOUR
Project #: CSY03-1109-1162

CTI LAB#: 112401 Sample Description: PZ1800 Sampled: 2/27/02 1306

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Organic Results										
Benzene	1200	ug/L	20	65	50			3/7/02	PRH	EPA 8020
Ethylbenzene	<20	ug/L	20	65	50			3/7/02	PRH	EPA 8020
Methyl tert-butyl ether	160	ug/L	20	75	50			3/7/02	PRH	EPA 8020
Naphthalene	<65	ug/L	65	220	50			3/7/02	PRH	EPA 8020
Toluene	<20	ug/L	20	65	50			3/7/02	PRH	EPA 8020
1,2,4-Trimethylbenzene	130	ug/L	25	85	50			3/7/02	PRH	EPA 8020
1,3,5-Trimethylbenzene	<20	ug/L	20	70	50			3/7/02	PRH	EPA 8020
m & p-Xylene	1100	ug/L	45	160	50			3/7/02	PRH	EPA 8020
o-Xylene	<25	ug/L	25	80	50			3/7/02	PRH	EPA 8020

CTI LAB#: 112402 Sample Description: MW2500 Sampled: 2/27/02 1248

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Organic Results										
Benzene	<0.40	ug/L	0.40	1.3	1			3/7/02	PRH	EPA 8020
Ethylbenzene	<0.40	ug/L	0.40	1.3	1			3/7/02	PRH	EPA 8020
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.5	1			3/7/02	PRH	EPA 8020
Naphthalene	<1.3	ug/L	1.3	4.4	1			3/7/02	PRH	EPA 8020
Toluene	<0.40	ug/L	0.40	1.3	1			3/7/02	PRH	EPA 8020
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	1.7	1			3/7/02	PRH	EPA 8020
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1			3/7/02	PRH	EPA 8020
m & p-Xylene	<0.90	ug/L	0.90	3.1	1			3/7/02	PRH	EPA 8020
o-Xylene	<0.50	ug/L	0.50	1.6	1			3/7/02	PRH	EPA 8020

CTI LAB#: 112403 Sample Description: MW1700 Sampled: 2/27/02 1244

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Organic Results										
Benzene	<0.40	ug/L	0.40	1.3	1			3/5/02	PRH	EPA 8020
Ethylbenzene	<0.40	ug/L	0.40	1.3	1			3/5/02	PRH	EPA 8020
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.5	1			3/5/02	PRH	EPA 8020

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

[redacted] NORTHERN ENVIRONMENTAL

Contract #: 1595
Folder #: 24379

Project Name: SEYMOUR
Project #: CSY03-1109-1162

CTI LAB#: 112403 Sample Description: MW1700 Sampled: 2/27/02 1244

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Naphthalene	<1.3	ug/L	1.3	4.4	1			3/5/02	PRH	EPA 8020
Toluene	<0.40	ug/L	0.40	1.3	1			3/5/02	PRH	EPA 8020
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	1.7	1			3/5/02	PRH	EPA 8020
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1			3/5/02	PRH	EPA 8020
m & p-Xylene	<0.90	ug/L	0.90	3.1	1			3/5/02	PRH	EPA 8020
o-Xylene	<0.50	ug/L	0.50	1.6	1			3/5/02	PRH	EPA 8020

CTI LAB#: 112404 Sample Description: MW2300 Sampled: 2/27/02 1228

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Organic Results										
Benzene	<0.40	ug/L	0.40	1.3	1			3/5/02	PRH	EPA 8020
Ethylbenzene	<0.40	ug/L	0.40	1.3	1			3/5/02	PRH	EPA 8020
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.5	1			3/5/02	PRH	EPA 8020
Naphthalene	<1.3	ug/L	1.3	4.4	1			3/5/02	PRH	EPA 8020
Toluene	<0.40	ug/L	0.40	1.3	1			3/5/02	PRH	EPA 8020
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	1.7	1			3/5/02	PRH	EPA 8020
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1			3/5/02	PRH	EPA 8020
m & p-Xylene	<0.90	ug/L	0.90	3.1	1			3/5/02	PRH	EPA 8020
o-Xylene	<0.50	ug/L	0.50	1.6	1			3/5/02	PRH	EPA 8020

CTI LAB#: 112405 Sample Description: MW2400 Sampled: 2/27/02 1222

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Organic Results										
Benzene	<0.40	ug/L	0.40	1.3	1			3/5/02	PRH	EPA 8020
Ethylbenzene	<0.40	ug/L	0.40	1.3	1			3/5/02	PRH	EPA 8020
Methyl tert-butyl ether	6.2	ug/L	0.40	1.5	1			3/5/02	PRH	EPA 8020
Naphthalene	<1.3	ug/L	1.3	4.4	1			3/5/02	PRH	EPA 8020
Toluene	<0.40	ug/L	0.40	1.3	1			3/5/02	PRH	EPA 8020
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	1.7	1			3/5/02	PRH	EPA 8020
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1			3/5/02	PRH	EPA 8020

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 112405 Sample Description: MW2400 Sampled: 2/27/02 1222

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
m & p-Xylene	<0.90	ug/L	0.90	3.1	1			3/5/02	PRH	EPA 8020
o-Xylene	<0.50	ug/L	0.50	1.6	1			3/5/02	PRH	EPA 8020

CTI LAB#: 112406 Sample Description: MW2600 Sampled: 2/27/02 1237

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Organic Results										
Benzene	<0.40	ug/L	0.40	1.3	1			3/5/02	PRH	EPA 8020
Ethylbenzene	<0.40	ug/L	0.40	1.3	1			3/5/02	PRH	EPA 8020
Methyl tert-butyl ether	4.6	ug/L	0.40	1.5	1			3/5/02	PRH	EPA 8020
Naphthalene	<1.3	ug/L	1.3	4.4	1			3/5/02	PRH	EPA 8020
Toluene	<0.40	ug/L	0.40	1.3	1			3/5/02	PRH	EPA 8020
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	1.7	1			3/5/02	PRH	EPA 8020
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1			3/5/02	PRH	EPA 8020
m & p-Xylene	<0.90	ug/L	0.90	3.1	1			3/5/02	PRH	EPA 8020
o-Xylene	<0.50	ug/L	0.50	1.6	1			3/5/02	PRH	EPA 8020

CTI LAB#: 112407 Sample Description: MW2700 Sampled: 2/27/02 1233

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Organic Results										
Benzene	<0.40	ug/L	0.40	1.3	1			3/5/02	PRH	EPA 8020
Ethylbenzene	<0.40	ug/L	0.40	1.3	1			3/5/02	PRH	EPA 8020
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.5	1			3/5/02	PRH	EPA 8020
Naphthalene	<1.3	ug/L	1.3	4.4	1			3/5/02	PRH	EPA 8020
Toluene	<0.40	ug/L	0.40	1.3	1			3/5/02	PRH	EPA 8020
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	1.7	1			3/5/02	PRH	EPA 8020
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1			3/5/02	PRH	EPA 8020
m & p-Xylene	<0.90	ug/L	0.90	3.1	1			3/5/02	PRH	EPA 8020
o-Xylene	<0.50	ug/L	0.50	1.6	1			3/5/02	PRH	EPA 8020

CTI LAB#: 112408 Sample Description: PZ3100 Sampled: 2/27/02 1217

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Organic Results										
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	1			3/5/02	RLD	EPA 8021
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.2	1			3/5/02	RLD	EPA 8021
1,1,2-Trichloroethane	<0.20	ug/L	0.20	1.0	1			3/5/02	RLD	EPA 8021
1,1-Dichloroethane	<0.40	ug/L	0.40	1.3	1			3/5/02	RLD	EPA 8021
1,1-Dichloroethene	<0.90	ug/L	0.90	3.1	1			3/5/02	RLD	EPA 8021
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.5	1			3/5/02	RLD	EPA 8021
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			3/5/02	RLD	EPA 8021
1,2,4-Trimethylbenzene	<0.20	ug/L	0.20	0.70	1			3/5/02	RLD	EPA 8021
1,2-Dibromo-3-chloropropane	<0.30	ug/L	0.30	1.0	1			3/5/02	RLD	EPA 8021
1,2-Dibromoethane	<0.30	ug/L	0.30	0.80	1			3/5/02	RLD	EPA 8021
1,2-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			3/5/02	RLD	EPA 8021
1,2-Dichloroethane	<0.40	ug/L	0.40	1.3	1			3/5/02	RLD	EPA 8021
cis-1,2-Dichloroethene	<0.40	ug/L	0.40	1.4	1			3/5/02	RLD	EPA 8021
trans-1,2-Dichloroethene	<0.80	ug/L	0.80	2.7	1			3/5/02	RLD	EPA 8021
1,2-Dichloropropane	<0.30	ug/L	0.30	0.90	1			3/5/02	RLD	EPA 8021
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.0	1			3/5/02	RLD	EPA 8021
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			3/5/02	RLD	EPA 8021
1,3-Dichloropropane	<0.40	ug/L	0.40	1.3	1			3/5/02	RLD	EPA 8021
1,4-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			3/5/02	RLD	EPA 8021
2,2-Dichloropropane	<0.20	ug/L	0.20	0.80	1			3/5/02	RLD	EPA 8021
2-Chlorotoluene	<0.40	ug/L	0.40	1.2	1			3/5/02	RLD	EPA 8021
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			3/5/02	RLD	EPA 8021
Benzene	<0.10	ug/L	0.10	0.30	1			3/5/02	RLD	EPA 8021
Bromobenzene	<0.50	ug/L	0.50	1.6	1			3/5/02	RLD	EPA 8021
Bromodichloromethane	<0.20	ug/L	0.20	0.60	1			3/5/02	RLD	EPA 8021
n-Butylbenzene	<0.40	ug/L	0.40	1.2	1			3/5/02	RLD	EPA 8021
sec-Butylbenzene	<0.30	ug/L	0.30	1.1	1			3/5/02	RLD	EPA 8021
tert-Butylbenzene	<0.10	ug/L	0.10	0.50	1			3/5/02	RLD	EPA 8021
Carbon tetrachloride	<0.30	ug/L	0.30	1.0	1			3/5/02	RLD	EPA 8021
Chlorobenzene	<0.30	ug/L	0.30	1.0	1			3/5/02	RLD	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#: 112408 Sample Description: PZ3100 Sampled: 2/27/02 1217

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Chlorodibromomethane	<0.40	ug/L	0.40	1.2	1			3/5/02	RLD	EPA 8021
Chloroethane	<0.50	ug/L	0.50	1.6	1			3/5/02	RLD	EPA 8021
Chloroform	<0.50	ug/L	0.50	1.5	1			3/5/02	RLD	EPA 8021
Chloromethane	<0.30	ug/L	0.30	1.1	1			3/5/02	RLD	EPA 8021
Dichlorodifluoromethane	<0.50	ug/L	0.50	1.8	1			3/5/02	RLD	EPA 8021
Diisopropyl ether	<0.10	ug/L	0.10	0.30	1			3/5/02	RLD	EPA 8021
Ethylbenzene	<0.10	ug/L	0.10	0.30	1			3/5/02	RLD	EPA 8021
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			3/5/02	RLD	EPA 8021
Isopropylbenzene	<0.10	ug/L	0.10	0.40	1			3/5/02	RLD	EPA 8021
p-Isopropyltoluene	<0.20	ug/L	0.20	0.70	1			3/5/02	RLD	EPA 8021
Methyl tert-butyl ether	<1.1	ug/L	1.1	3.7	1			3/5/02	RLD	EPA 8021
Methylene chloride	<1.9	ug/L	1.9	6.3	1			3/5/02	RLD	EPA 8021
Naphthalene	<0.70	ug/L	0.70	2.4	1			3/5/02	RLD	EPA 8021
n-Propylbenzene	<0.30	ug/L	0.30	0.90	1			3/5/02	RLD	EPA 8021
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			3/5/02	RLD	EPA 8021
Toluene	<0.10	ug/L	0.10	0.40	1			3/5/02	RLD	EPA 8021
Trichloroethene	<0.30	ug/L	0.30	0.90	1			3/5/02	RLD	EPA 8021
Trichlorofluoromethane	<0.40	ug/L	0.40	1.2	1			3/5/02	RLD	EPA 8021
Vinyl chloride	<0.40	ug/L	0.40	1.3	1			3/5/02	RLD	EPA 8021
m & p-Xylene	<0.20	ug/L	0.20	0.80	1			3/5/02	RLD	EPA 8021
o-Xylene	<0.10	ug/L	0.10	0.40	1			3/5/02	RLD	EPA 8021

CTI LAB#: 112409 Sample Description: DUP Sampled: 2/27/02

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Organic Results										
Benzene	580	ug/L	20	65	50			3/6/02	PRH	EPA 8020
Ethylbenzene	340	ug/L	20	65	50			3/6/02	PRH	EPA 8020
Methyl tert-butyl ether	76	ug/L	20	75	50			3/6/02	PRH	EPA 8020
Toluene	<20	ug/L	20	65	50			3/6/02	PRH	EPA 8020
1,2,4-Trimethylbenzene	1300	ug/L	25	85	50			3/6/02	PRH	EPA 8020

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#:	112409	Sample Description:	DUP	Sampled:	2/27/02

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,3,5-Trimethylbenzene	270	ug/L	20	70	50			3/6/02	PRH	EPA 8020
m & p-Xylene	1300	ug/L	45	160	50			3/6/02	PRH	EPA 8020
o-Xylene	150	ug/L	25	80	50			3/6/02	PRH	EPA 8020

CTI LAB#:	112410	Sample Description:	TRIP BLANK	Sampled:	2/27/02

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Organic Results										
Benzene	<0.40	ug/L	0.40	1.3	1			3/6/02	PRH	EPA 8020
Ethylbenzene	<0.40	ug/L	0.40	1.3	1			3/6/02	PRH	EPA 8020
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.5	1			3/6/02	PRH	EPA 8020
Toluene	<0.40	ug/L	0.40	1.3	1			3/6/02	PRH	EPA 8020
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	1.7	1			3/6/02	PRH	EPA 8020
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1			3/6/02	PRH	EPA 8020
m & p-Xylene	<0.90	ug/L	0.90	3.1	1			3/6/02	PRH	EPA 8020
o-Xylene	<0.50	ug/L	0.50	1.6	1			3/6/02	PRH	EPA 8020

Notes: * Indicates Value in between LOD and LOQ.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: _____

Record Reviewer

QC Qualifiers

Code	Description
A	Analyte averaged calibration criteria within acceptable limits.
B	Analyte detected in associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
J	Estimated value. The result is less than the reporting limit, but greater than the MDL.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate and/or internal standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Calibration criteria exceeded.

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CHAIN OF CUSTODY RECORD REQUEST FOR ANALYSIS

No: 17442

Folder #: 24379
Company: NORTHERN ENVIRON
Project SEYMOR
Logged By: KDB PM: ETK

Check office originating request

☒ 954 Circle Drive, Green Bay, WI 54304, 920-592-8400, FAX 920-592-8444
☐ 1214 W. Venture Ct., Mequon, WI 53092, 262-241-3133, FAX 262-241-8222
☐ 1203 Storbeck Drive, Waupun, WI 53963, 920-324-8600, FAX 920-324-3023
☐ 647 Academy Dr., Northbrook, IL 60062, 847-562-8577, FAX 847-562-8552
☐ 801 East Mt. Hope, Lansing, MI 48910, 517-702-0470, FAX 517-702-0477
☐ 3349 Southgate Court SW #102, Cedar Rapids, IA 52404, 319-365-0466, FAX 319-365-0464

Project No: GSV 03-1109-1162 Task No:
Project Location: (city) Seymour
Project Manager: Lynelle Caine
Sampler: (name) Kevin Eibenholzl
Sampler: (Signature)
Sampling Date(s): 2-27-02
Reports to be Sent to: AKrzyzewski

Laboratory: C.T. Labs
Wisconsin DNR Certification #: 157066030
Laboratory Contact: Eric Korthals
Price Quote:

TURNAROUND TIME REQUIRED
☒ Normal ☐ Rush
Date Needed

Sample Integrity - To be completed by receiving lab
Seal intact upon receipt ☐ yes ☐ no
Method of shipment
Contents Temperature °C Refrigerator No.

ANALYSES REQUESTED

24379

Ice Present: Yes No
Temperature 1.6 °C
Initials EDS
Date 4/28/02 Time 1200

Lab ID No.	Sample No.	Collection Date	Collection Time	No. of Containers, Size & Type	Description Water	Description Soil	Description Other	Preservative	DRO (WI Modified Method)	GRO (WI Modified Method)	BETX (EPA Method 8020)	PVOC (EPA Method 8020)	VOC (EPA Method 8021)	PAH (EPA Method	Pb (EPA Method	Naphthalene
112 397	MW100	2-27-02	1302	3-40 mL	X			HCL				X				X
398	MW200		1312		X							X				X
399	MW300		1258		X							X				X
400	MW400		1253		X							X				X
401	PZ1800		1306		X							X				X
402	MW2500		1248		X							X				X
403	MW1700		1244		X							X				X
404	MW2300		1228		X							X				X
405	MW2400		1222		X							X				X
406	MW2600		1237		X							X				X

Packed for Shipping by: Kevin Eibenholzl
Shipment Date: 2-27-02

Comments:

Relinquished By: K. R.	Date: 2-27-02	Relinquished By:	Date:	Relinquished By:	Date:
Company: NETI	Time: 1450	Company:	Time:	Company:	Time:
Received By:	Date: 2/28/02	Received By:	Date:	Received By:	Date:
Company:	Time: 1204	Company:	Time:	Company:	Time:

No: 17444

Northern Environmental℠

Hydrologists • Engineers • Geologists

CHAIN OF CUSTODY RECORD REQUEST FOR ANALYSIS

Check office originating request

☒ 954 Circle Drive, Green Bay, WI 54304, 920-592-8400, FAX 920-592-8444

☐ 330 South 4th Avenue, Park Falls, WI 54552, 715-762-1544, FAX 715-762-1844

☐ 16543 State Hwy 371, Brainerd, MN 56401, 218-825-9001, FAX 218-828-8600

☐ 647 Academy Dr., Northbrook, IL 60062, 847-562-8577, FAX 847-562-8552

☐ 3349 Southgate Court SW #102, Cedar Rapids, IA 52404, 319-365-0466, FAX 319-365-0464

☐ 1214 W. Venture Ct., Mequon, WI 53092, 262-241-3133, FAX 262-241-8222

☐ 1203 Storbeck Drive, Waupun, WI 53963, 920-324-8600, FAX 920-324-3023

☐ 372 West County Road D, New Brighton, MN 55112, 651-635-9100, FAX 651-635-0643

☐ 112 7th Street NE, Rochester, MN 55906, 507-282-3800, FAX 507-282-3100

☐ 801 East Mt. Hope, Lansing, MI 48910, 517-702-0470, FAX 517-702-0477

☐ _____

Project No: CSX03-1109-1162 Task No:

Project Location: (city) Seymour

Project Manager: Cynelle Caine

Sampler: (name) Kevin Eibenholz

Sampler: (Signature)

Sampling Date(s): 2-27-02

Reports to be Sent to: Akrzyzewski

Laboratory: C.T. Labs

Wisconsin DNR Certification #: 157066030

Laboratory Contact: Eric Korthals

Price Quote:

TURNAROUND TIME REQUIRED

☒ Normal ☐ Rush

Date Needed _____

Sample Integrity - To be completed by receiving lab

Seal intact upon receipt ☐ yes ☐ no

Method of shipment _____

Contents Temperature _____ °C Refrigerator No. _____

ANALYSES REQUESTED

Lab ID No.	Sample No.	Collection Date	Collection Time	No. of Containers, Size & Type	Description Water	Description Soil	Description Other	Preservative	DRO (WI Modified Method)	GRO (WI Modified Method)	BETX (EPA Method 8020)	PVOC (EPA Method 8020)	VOC (EPA Method 8021)	PAH (EPA Method)	Pb (EPA Method)	Naphthalene
407	MW2700	2-27-02	1233	3-40mL	X			HCL				X				X
408	P23100	↓	1217	↓	X			↓					X			
409	Dup	↓	—	↓	X			↓				X				
410	Trip	↓	—	1-40mL	X			↓				X				

112

Packed for Shipping by: Kevin Eibenholz

Shipment Date: 2-27-02

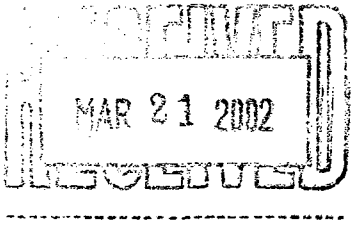
Comments:

Relinquished By:	Date:	Relinquished By:	Date:	Relinquished By:	Date:
Company: NETI	Time: 1450	Company:	Time:	Company:	Time:
Received By:	Date:	Received By:	Date:	Received By:	Date:
Company:	Time:	Company:	Time:	Company:	Time:

CTLaboratories

1230 Lange Court
Baraboo, WI 53913-3109
Phone: (800) 228-3012
Fax: (608) 356-2766
www.ctlaboratories.com

ORIGINAL



ANALYTICAL REPORT

NORTHERN ENVIRONMENTAL
ANN KRZYZEWSKI
954 CIRCLE DRIVE
GREEN BAY, WI 54304

Project Name: SEYMOUR
Contract #: 1595
Project #: CSY-1162
Folder #: 24505
Purchase Order #: INV 24356
Arrival Temperature: See COC
Report Date: 3/19/02
Date Received: 3/6/02
Reprint Date:

CTI LAB#: 113264 Sample Description: PZ2800 Sampled: 3/4/02 1530

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Organic Results										
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	1			3/12/02	RLD	EPA 8021
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.2	1			3/12/02	RLD	EPA 8021
1,1,2-Trichloroethane	<0.20	ug/L	0.20	1.0	1			3/12/02	RLD	EPA 8021
1,1-Dichloroethane	<0.40	ug/L	0.40	1.3	1			3/12/02	RLD	EPA 8021
1,1-Dichloroethene	<0.90	ug/L	0.90	3.1	1			3/12/02	RLD	EPA 8021
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.5	1			3/12/02	RLD	EPA 8021
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			3/12/02	RLD	EPA 8021
1,2,4-Trimethylbenzene	<0.20	ug/L	0.20	0.70	1			3/12/02	RLD	EPA 8021
1,2-Dibromo-3-chloropropane	<0.30	ug/L	0.30	1.0	1			3/12/02	RLD	EPA 8021
1,2-Dibromoethane	<0.30	ug/L	0.30	0.80	1			3/12/02	RLD	EPA 8021
1,2-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			3/12/02	RLD	EPA 8021
1,2-Dichloroethane	<0.40	ug/L	0.40	1.3	1			3/12/02	RLD	EPA 8021
cis-1,2-Dichloroethene	<0.40	ug/L	0.40	1.4	1			3/12/02	RLD	EPA 8021
trans-1,2-Dichloroethene	<0.80	ug/L	0.80	2.7	1			3/12/02	RLD	EPA 8021
1,2-Dichloropropane	<0.30	ug/L	0.30	0.90	1			3/12/02	RLD	EPA 8021
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.0	1			3/12/02	RLD	EPA 8021
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			3/12/02	RLD	EPA 8021
1,3-Dichloropropane	<0.40	ug/L	0.40	1.3	1			3/12/02	RLD	EPA 8021
1,4-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			3/12/02	RLD	EPA 8021
2,2-Dichloropropane	<0.20	ug/L	0.20	0.80	1			3/12/02	RLD	EPA 8021
2-Chlorotoluene	<0.40	ug/L	0.40	1.2	1			3/12/02	RLD	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTLaboratories

NORTHERN ENVIRONMENTAL

Contract #: 1595
Folder #: 24505

Project Name: SEYMOUR
Project #: CSY-1162

CTI LAB#:	113264	Sample Description:	PZ2800	Sampled:	3/4/02	1530

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			3/12/02	RLD	EPA 8021
Benzene	<0.10	ug/L	0.10	0.30	1			3/12/02	RLD	EPA 8021
Bromobenzene	<0.50	ug/L	0.50	1.6	1			3/12/02	RLD	EPA 8021
Bromodichloromethane	<0.20	ug/L	0.20	0.60	1			3/12/02	RLD	EPA 8021
n-Butylbenzene	<0.40	ug/L	0.40	1.2	1			3/12/02	RLD	EPA 8021
sec-Butylbenzene	<0.30	ug/L	0.30	1.1	1			3/12/02	RLD	EPA 8021
tert-Butylbenzene	<0.10	ug/L	0.10	0.50	1			3/12/02	RLD	EPA 8021
Carbon tetrachloride	<0.30	ug/L	0.30	1.0	1			3/12/02	RLD	EPA 8021
Chlorobenzene	<0.30	ug/L	0.30	1.0	1			3/12/02	RLD	EPA 8021
Chlorodibromomethane	<0.40	ug/L	0.40	1.2	1			3/12/02	RLD	EPA 8021
Chloroethane	<0.50	ug/L	0.50	1.6	1			3/12/02	RLD	EPA 8021
Chloroform	<0.50	ug/L	0.50	1.5	1			3/12/02	RLD	EPA 8021
Chloromethane	<0.30	ug/L	0.30	1.1	1			3/12/02	RLD	EPA 8021
Dichlorodifluoromethane	<0.50	ug/L	0.50	1.8	1			3/12/02	RLD	EPA 8021
Diisopropyl ether	<0.10	ug/L	0.10	0.30	1			3/12/02	RLD	EPA 8021
Ethylbenzene	<0.10	ug/L	0.10	0.30	1			3/12/02	RLD	EPA 8021
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			3/12/02	RLD	EPA 8021
Isopropylbenzene	<0.10	ug/L	0.10	0.40	1			3/12/02	RLD	EPA 8021
p-Isopropyltoluene	<0.20	ug/L	0.20	0.70	1			3/12/02	RLD	EPA 8021
Methyl tert-butyl ether	<1.1	ug/L	1.1	3.7	1			3/12/02	RLD	EPA 8021
Methylene chloride	<1.9	ug/L	1.9	6.3	1			3/12/02	RLD	EPA 8021
Naphthalene	<0.70	ug/L	0.70	2.4	1			3/12/02	RLD	EPA 8021
n-Propylbenzene	<0.30	ug/L	0.30	0.90	1			3/12/02	RLD	EPA 8021
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			3/12/02	RLD	EPA 8021
Toluene	<0.10	ug/L	0.10	0.40	1			3/12/02	RLD	EPA 8021
Trichloroethene	<0.30	ug/L	0.30	0.90	1			3/12/02	RLD	EPA 8021
Trichlorofluoromethane	<0.40	ug/L	0.40	1.2	1			3/12/02	RLD	EPA 8021
Vinyl chloride	<0.40	ug/L	0.40	1.3	1			3/12/02	RLD	EPA 8021
m & p-Xylene	<0.20	ug/L	0.20	0.80	1			3/12/02	RLD	EPA 8021
o-Xylene	<0.10	ug/L	0.10	0.40	1			3/12/02	RLD	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTI LAB#:	113265	Sample Description:	PZ2900	Sampled:	3/4/02	1540

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Organic Results										
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	1			3/12/02	RLD	EPA 8021
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.2	1			3/12/02	RLD	EPA 8021
1,1,2-Trichloroethane	<0.20	ug/L	0.20	1.0	1			3/12/02	RLD	EPA 8021
1,1-Dichloroethane	<0.40	ug/L	0.40	1.3	1			3/12/02	RLD	EPA 8021
1,1-Dichloroethene	<0.90	ug/L	0.90	3.1	1			3/12/02	RLD	EPA 8021
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.5	1			3/12/02	RLD	EPA 8021
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			3/12/02	RLD	EPA 8021
1,2,4-Trimethylbenzene	<0.20	ug/L	0.20	0.70	1			3/12/02	RLD	EPA 8021
1,2-Dibromo-3-chloropropane	<0.30	ug/L	0.30	1.0	1			3/12/02	RLD	EPA 8021
1,2-Dibromoethane	<0.30	ug/L	0.30	0.80	1			3/12/02	RLD	EPA 8021
1,2-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			3/12/02	RLD	EPA 8021
1,2-Dichloroethane	<0.40	ug/L	0.40	1.3	1			3/12/02	RLD	EPA 8021
cis-1,2-Dichloroethene	<0.40	ug/L	0.40	1.4	1			3/12/02	RLD	EPA 8021
trans-1,2-Dichloroethene	<0.80	ug/L	0.80	2.7	1			3/12/02	RLD	EPA 8021
1,2-Dichloropropane	<0.30	ug/L	0.30	0.90	1			3/12/02	RLD	EPA 8021
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.0	1			3/12/02	RLD	EPA 8021
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			3/12/02	RLD	EPA 8021
1,3-Dichloropropane	<0.40	ug/L	0.40	1.3	1			3/12/02	RLD	EPA 8021
1,4-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			3/12/02	RLD	EPA 8021
2,2-Dichloropropane	<0.20	ug/L	0.20	0.80	1			3/12/02	RLD	EPA 8021
2-Chlorotoluene	<0.40	ug/L	0.40	1.2	1			3/12/02	RLD	EPA 8021
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			3/12/02	RLD	EPA 8021
Benzene	<0.10	ug/L	0.10	0.30	1			3/12/02	RLD	EPA 8021
Bromobenzene	<0.50	ug/L	0.50	1.6	1			3/12/02	RLD	EPA 8021
Bromodichloromethane	<0.20	ug/L	0.20	0.60	1			3/12/02	RLD	EPA 8021
n-Butylbenzene	<0.40	ug/L	0.40	1.2	1			3/12/02	RLD	EPA 8021
sec-Butylbenzene	<0.30	ug/L	0.30	1.1	1			3/12/02	RLD	EPA 8021
tert-Butylbenzene	<0.10	ug/L	0.10	0.50	1			3/12/02	RLD	EPA 8021
Carbon tetrachloride	<0.30	ug/L	0.30	1.0	1			3/12/02	RLD	EPA 8021
Chlorobenzene	<0.30	ug/L	0.30	1.0	1			3/12/02	RLD	EPA 8021

Solid sample results reported on a Dry Weight Basis

CTI LAB#:	113265	Sample Description:	PZ2900	Sampled:	3/4/02	1540

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Chlorodibromomethane	<0.40	ug/L	0.40	1.2	1			3/12/02	RLD	EPA 8021
Chloroethane	<0.50	ug/L	0.50	1.6	1			3/12/02	RLD	EPA 8021
Chloroform	<0.50	ug/L	0.50	1.5	1			3/12/02	RLD	EPA 8021
Chloromethane	<0.30	ug/L	0.30	1.1	1			3/12/02	RLD	EPA 8021
Dichlorodifluoromethane	<0.50	ug/L	0.50	1.8	1			3/12/02	RLD	EPA 8021
Diisopropyl ether	<0.10	ug/L	0.10	0.30	1			3/12/02	RLD	EPA 8021
Ethylbenzene	<0.10	ug/L	0.10	0.30	1			3/12/02	RLD	EPA 8021
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			3/12/02	RLD	EPA 8021
Isopropylbenzene	<0.10	ug/L	0.10	0.40	1			3/12/02	RLD	EPA 8021
p-Isopropyltoluene	<0.20	ug/L	0.20	0.70	1			3/12/02	RLD	EPA 8021
Methyl tert-butyl ether	<1.1	ug/L	1.1	3.7	1			3/12/02	RLD	EPA 8021
Methylene chloride	<1.9	ug/L	1.9	6.3	1			3/12/02	RLD	EPA 8021
Naphthalene	<0.70	ug/L	0.70	2.4	1			3/12/02	RLD	EPA 8021
n-Propylbenzene	<0.30	ug/L	0.30	0.90	1			3/12/02	RLD	EPA 8021
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			3/12/02	RLD	EPA 8021
Toluene	<0.10	ug/L	0.10	0.40	1			3/12/02	RLD	EPA 8021
Trichloroethene	<0.30	ug/L	0.30	0.90	1			3/12/02	RLD	EPA 8021
Trichlorofluoromethane	<0.40	ug/L	0.40	1.2	1			3/12/02	RLD	EPA 8021
Vinyl chloride	<0.40	ug/L	0.40	1.3	1			3/12/02	RLD	EPA 8021
m & p-Xylene	<0.20	ug/L	0.20	0.80	1			3/12/02	RLD	EPA 8021
o-Xylene	<0.10	ug/L	0.10	0.40	1			3/12/02	RLD	EPA 8021

CTI LAB#:	113266	Sample Description:	PZ3000	Sampled:	3/4/02	1535

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Organic Results										
1,1,1-Trichloroethane	<0.30	ug/L	0.30	1.1	1			3/12/02	RLD	EPA 8021
1,1,2,2-Tetrachloroethane	<0.40	ug/L	0.40	1.2	1			3/12/02	RLD	EPA 8021
1,1,2-Trichloroethane	<0.20	ug/L	0.20	1.0	1			3/12/02	RLD	EPA 8021
1,1-Dichloroethane	<0.40	ug/L	0.40	1.3	1			3/12/02	RLD	EPA 8021
1,1-Dichloroethene	<0.90	ug/L	0.90	3.1	1			3/12/02	RLD	EPA 8021

CTLaboratories

NORTHERN ENVIRONMENTAL

Contract #: 1595
Folder #: 24505

Project Name: SEYMOUR
Project #: CSY-1162

CTI LAB#: 113266 Sample Description: PZ3000 Sampled: 3/4/02 1535

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.5	1			3/12/02	RLD	EPA 8021
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			3/12/02	RLD	EPA 8021
1,2,4-Trimethylbenzene	<0.20	ug/L	0.20	0.70	1			3/12/02	RLD	EPA 8021
1,2-Dibromo-3-chloropropane	<0.30	ug/L	0.30	1.0	1			3/12/02	RLD	EPA 8021
1,2-Dibromoethane	<0.30	ug/L	0.30	0.80	1			3/12/02	RLD	EPA 8021
1,2-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			3/12/02	RLD	EPA 8021
1,2-Dichloroethane	<0.40	ug/L	0.40	1.3	1			3/12/02	RLD	EPA 8021
cis-1,2-Dichloroethene	<0.40	ug/L	0.40	1.4	1			3/12/02	RLD	EPA 8021
trans-1,2-Dichloroethene	<0.80	ug/L	0.80	2.7	1			3/12/02	RLD	EPA 8021
1,2-Dichloropropane	<0.30	ug/L	0.30	0.90	1			3/12/02	RLD	EPA 8021
1,3,5-Trimethylbenzene	<0.30	ug/L	0.30	1.0	1			3/12/02	RLD	EPA 8021
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			3/12/02	RLD	EPA 8021
1,3-Dichloropropane	<0.40	ug/L	0.40	1.3	1			3/12/02	RLD	EPA 8021
1,4-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			3/12/02	RLD	EPA 8021
2,2-Dichloropropane	<0.20	ug/L	0.20	0.80	1			3/12/02	RLD	EPA 8021
2-Chlorotoluene	<0.40	ug/L	0.40	1.2	1			3/12/02	RLD	EPA 8021
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			3/12/02	RLD	EPA 8021
Benzene	<0.10	ug/L	0.10	0.30	1			3/12/02	RLD	EPA 8021
Bromobenzene	<0.50	ug/L	0.50	1.6	1			3/12/02	RLD	EPA 8021
Bromodichloromethane	<0.20	ug/L	0.20	0.60	1			3/12/02	RLD	EPA 8021
n-Butylbenzene	<0.40	ug/L	0.40	1.2	1			3/12/02	RLD	EPA 8021
sec-Butylbenzene	<0.30	ug/L	0.30	1.1	1			3/12/02	RLD	EPA 8021
tert-Butylbenzene	<0.10	ug/L	0.10	0.50	1			3/12/02	RLD	EPA 8021
Carbon tetrachloride	<0.30	ug/L	0.30	1.0	1			3/12/02	RLD	EPA 8021
Chlorobenzene	<0.30	ug/L	0.30	1.0	1			3/12/02	RLD	EPA 8021
Chlorodibromomethane	<0.40	ug/L	0.40	1.2	1			3/12/02	RLD	EPA 8021
Chloroethane	<0.50	ug/L	0.50	1.6	1			3/12/02	RLD	EPA 8021
Chloroform	<0.50	ug/L	0.50	1.5	1			3/12/02	RLD	EPA 8021
Chloromethane	<0.30	ug/L	0.30	1.1	1			3/12/02	RLD	EPA 8021
Dichlorodifluoromethane	<0.50	ug/L	0.50	1.8	1			3/12/02	RLD	EPA 8021
Diisopropyl ether	<0.10	ug/L	0.10	0.30	1			3/12/02	RLD	EPA 8021

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289

Solid sample results reported on a Dry Weight Basis

CTLaboratories

NORTHERN ENVIRONMENTAL

Contract #: 1595
Folder #: 24505

Project Name: SEYMOUR
Project #: CSY-1162

CTI LAB#:	113266	Sample Description:	PZ3000	Sampled:	3/4/02	1535

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Ethylbenzene	<0.10	ug/L	0.10	0.30	1			3/12/02	RLD	EPA 8021
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			3/12/02	RLD	EPA 8021
Isopropylbenzene	<0.10	ug/L	0.10	0.40	1			3/12/02	RLD	EPA 8021
p-Isopropyltoluene	<0.20	ug/L	0.20	0.70	1			3/12/02	RLD	EPA 8021
Methyl tert-butyl ether	<1.1	ug/L	1.1	3.7	1			3/12/02	RLD	EPA 8021
Methylene chloride	<1.9	ug/L	1.9	6.3	1			3/12/02	RLD	EPA 8021
Naphthalene	<0.70	ug/L	0.70	2.4	1			3/12/02	RLD	EPA 8021
n-Propylbenzene	<0.30	ug/L	0.30	0.90	1			3/12/02	RLD	EPA 8021
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			3/12/02	RLD	EPA 8021
Toluene	<0.10	ug/L	0.10	0.40	1			3/12/02	RLD	EPA 8021
Trichloroethene	<0.30	ug/L	0.30	0.90	1			3/12/02	RLD	EPA 8021
Trichlorofluoromethane	<0.40	ug/L	0.40	1.2	1			3/12/02	RLD	EPA 8021
Vinyl chloride	<0.40	ug/L	0.40	1.3	1			3/12/02	RLD	EPA 8021
m & p-Xylene	<0.20	ug/L	0.20	0.80	1			3/12/02	RLD	EPA 8021
o-Xylene	<0.10	ug/L	0.10	0.40	1			3/12/02	RLD	EPA 8021

Notes: * Indicates Value in between LOD and LOQ.

Submitted by: _____

Record Reviewer

Solid sample results reported on a Dry Weight Basis

Northern Environmental℠

Hydrologists • Engineers • Geologists

CHAIN OF CUSTODY RECORD REQUEST FOR ANALYSIS

Page 1 of 1

No: 17447

Check office originating request

- ☒ 954 Circle Drive, Green Bay, WI 54304, 920-592-8400, FAX 920-592-8444
- ☐ 330 South 4th Avenue, Park Falls, WI 54552, 715-762-1544, FAX 715-762-1844
- ☐ 16543 State Hwy 371, Brainerd, MN 56401, 218-825-9001, FAX 218-828-8600
- ☐ 647 Academy Dr., Northbrook, IL 60062, 847-562-8577, FAX 847-562-8552
- ☐ 3349 Southgate Court SW #102, Cedar Rapids, IA 52404, 319-365-0466, FAX 319-365-0464
- ☐ 1214 W. Venture Ct., Mequon, WI 53092, 262-241-3133, FAX 262-241-8222
- ☐ 1203 Storbeck Drive, Waupun, WI 53963, 920-324-8600, FAX 920-324-3023
- ☐ 372 West County Road D, New Brighton, MN 55112, 651-635-9100, FAX 651-635-0643
- ☐ 112 7th Street NE, Rochester, MN 55906, 507-282-3800, FAX 507-282-3100
- ☐ 801 East Mt. Hope, Lansing, MI 48910, 517-702-0470, FAX 517-702-0477
- ☐ _____

Project No: CSY-1162 Task No:

Project Location: (city) Seymour

Project Manager: Lynelle Caine

Sampler: (name) Kevin Eibenholz

Sampler: (Signature)

Sampling Date(s): 3-4-02

Reports to be Sent to: A Krzyzewski

Laboratory: C.T. Labs

Wisconsin DNR Certification #: 157066030

Laboratory Contact: Eric Karthals

Price Quote:

TURNAROUND TIME REQUIRED

☒ Normal ☐ Rush

Date Needed _____

Sample Integrity - To be completed by receiving lab

Seal intact upon receipt ☐ yes ☐ no

Method of shipment _____

Contents Temperature _____ °C Refrigerator No. _____

24505

ANALYSES REQUESTED

Lab ID No.	Sample No.	Collection Date	Collection Time	No. of Containers, Size & Type	Description Water	Description Soil	Description Other	Preservative	DRO (WI Modified Method)	GRO (WI Modified Method)	BETX (EPA Method 8020)	PVOC (EPA Method 8020)	VOC (EPA Method 8021)	PAH (EPA Method	Pb (EPA Method
113 264	PZ2800	3-4-02	1530	3-40 mL	X			HCl					X		
265	PZ2900	"	1540	"	X			"					X		
266	PZ3000	"	1535	"	X			"					X		

Ice Present: (Yes) No

Temperature 1.1 °C

Initials KDB

Date 3/6/02 Time 1425

Folder #: 24505

Company: NORTHERN ENVIRON

Project SEYMOUR

Logged By: KDB PM: ETK

Packed for Shipping by: Kevin Eibenholz

Shipment Date: 3-4-02

Comments:

Relinquished By:	Date:	Relinquished By:	Date:	Relinquished By:	Date:
Kevin Eibenholz	3-5-02				
Company: Northern Environmental	Time: 15:30	Company:	Time:	Company:	Time:
Received By: KDB	Date: 3/6/02	Received By:	Date:	Received By:	Date:
Company: CT Laboratories	Time: 1405	Company:	Time:	Company:	Time: