Site Investigation Report

Lime Pit Site

1960 67th Place

West Allis, Wisconsin

March 2006

Prepared For
City of West Allis
Community Development Authority

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC

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SITE INVESTIGATION
LIME PIT SITE

SECTION 1 GENERAL INFORMATION

1.1 Client Information

Community Development Authority (CDA)
City of West Allis
City Hall
7525 West Greenfield Avenue
West Allis, Wisconsin 53214

Contact: Mr. John F. Stibal, Director, CDA
Phone: 414-302-8462

1.2 Site Description

The WTM91 coordinates of the site are

X = 683378
Y = 283739

The site is located at 1960 South 67th Place, West Allis, Wisconsin and is an 11.61-acre parcel (Figure 1). The site is bounded by the Union Pacific railroad tracks on the north, Becher Place on the east, the West Allis Fire Station #2 on the south, and St. Augustine Catholic Church and School on the west. The site is currently zoned as an —1 Manufacturing District.

The site is surrounded on the west and south by a predominately residential neighborhood. Heavy manufacturing is located across the railroad tracks to the north. The City of West Allis Department of Public Works complex is located east of the site. Additional industrial properties are located northeast of the site.

The site was acquired by the City of West Allis Community Development Authority in 2006. Air Reduction Company (AIRCO Industrial and AIRCO Welding Products) occupied the site between 1932 and 1984. They manufactured carbide gas which produced the byproduct lime slurry. The lime slurry was disposed in pits on the site. The subsequent owner acquired the site in 1985 and over the past 20 years portions of the site have been rented out to various businesses. The property has been used as lime slurry pit, a waste storage and transfer facility, an oil/hazardous waste trucking terminal, and a salvage/junkyard. The property contains five dilapidated metal and brick industrial/storage buildings varying in size between approximately 3600 to 5500 square feet.

1.3 Consulting Firm and Contractor Information

Consulting Firm

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
P.O. Box 856
2088 Washington Avenue
Cedarburg, WI 53012

Contact: Jeffrey L. Hosler
Phone: 262-675-6000
Fax: 262-675-6170
Email: jlhosler@temco-llc.com

Contractors

Moraine Environmental, Inc.
1402 7th Avenue
Grafton, WI 53024-2330

Phone: 262-377-9060
Service: Soil Boring and groundwater monitoring well installation

Synergy Environmental Lab
500 West Franklin Street
Appleton, WI 54911

Phone: 920-830-2455
Service: Laboratory analysis of soil and groundwater samples

En Chem, Inc.
1241 Bellevue Street
Suite 9
Green Bay, WI 54302

Phone: 920-469-2436
Service: Laboratory Analysis of Soil Samples

CGC, Inc.
336 South Curtis Road
West Allis, WI 53214

Phone: 414-443-2000
Service: Geotechnical Site Assessment

Graef Anhalt Schloemer and Associates Inc.
One Honey Creek Corporate Center
125 South 84th Street
Suite 401
Milwaukee, WI 53214-1470

Phone: 414-259-1500
Service: Site Survey

SECTION 2 BACKGROUND INFORMATION

2.1 Regional and Site Geologic and Groundwater Conditions

The regional geology in which the Lime Pit property is located consists of approximately 100 to 200 feet of glacial sediments overlying sedimentary (limestone) bedrock. The glacial sediments are primarily ground moraine and till. These deposits are generally composed of a clay and/or silt matrix with varying amounts of entrained sand and gravel. They are often interbedded with sediment deposited by glacial meltwaters, which locally results in seams and lenses of sand and fine gravel.

Native soils in the vicinity of the project are primarily silty clay. Due to historic local land filling practices and the industrial heritage of the project area, it is anticipated that shallow fill is present at many locations in the area surrounding the site. The fill typically consists of mixtures of clay, silt, and sand, and may include debris such as brick, concrete and wood, and industrial wastes such as foundry sand, slag, or flyash. Fill consistency may vary from loose to very hard and dense.

Due to former use of the site as a carbide gas manufacturing plant and the subsequent excavation, dewatering, and handling of the associated lime slurry, shallow fill on-site contains appreciable quantities of dewatered lime slurry. Following removal and off-site sale of most of the lime slurry from the pits located in the southern and eastern areas of the site, the pits were filled with material from unknown sources. The fill included primarily imported soil, with some broken limestone and shale bedrock sourced from excavation of the deep tunnel system developed by MMSD, as well as some construction debris (brick, concrete, wood).

The shallow groundwater table in the site area varies in depth from approximately 4.5 feet below ground surface (bgs) to 15 feet bgs. The depth to groundwater is controlled by the type of soil or fill underlying the site, the proximity of preferred pathways of groundwater migration, such as areas of loose fill, site topography, and natural seasonal fluctuations. Generally, native glacial soils composed primarily of clay and silt (ground moraine and till) have low hydraulic conductivity. The fill placed in the former lime pit areas is generally looser and more granular than the silty clay, and has a moderately higher average hydraulic conductivity. The direction of groundwater flow in the site area is generally from southwest to northeast with some evidence of groundwater mounding in the southwestern and central areas of the site.

Local surface water bodies include the Menomonee River, approximately 1.5 miles east-northeast of the site area and Lake Michigan, located approximately five miles east of the site area.

2.2 Site History and Land Use

The historical uses and condition of the property were determined from the following sources:

- Conversations with the owner of the site from 1985 to 2006, Mr. John Novak
- Review of Wisconsin Department of Natural Resources (WDNR) files for the site
- Review of Department of Commerce (Comm) storage tank database files for the site
- Review of City of West Allis Department of Building Inspection and Fire Department records for the site
- Review of Sanborn Fire Insurance Company maps, City Directories, and historical aerial photographs for the site

The following summary of historical environmental site use/condition and response actions was prepared from review of WDNR files:

Air Reduction (AIRCO Division) - owned property from before 1932 to approximately 1984

- Lime slurry was byproduct of manufacturing carbide gas
- Lime slurry was disposed in pits on the site
- Lime slurry is slightly caustic and has a high pH level, though not considered toxic waste by DNR

Alliance Transportation Services - tenant of John Novak

- August 9, 1991 - Call was placed to DNR by former Alliance employee notifying them of activities taking place on site
  - Caller said Alliance owner, Robert Klimoski, knew that violations were occurring but did not report them because he didn't want insurance rates to go up
  - Alliance stored and washed trucks on the site that transported hazardous waste
  - Used garage on site for six years
- December 1992 - Alliance Transportation left site, replaced by Oetzman Trucking
- March 26, 1993 - DNR Hazardous Waste Investigator Michael Ellenbecker performs

unannounced site investigation to check out alleged disposal of wash waters used to clean Alliance trucks

- Inspection showed poor facility house keeping, soil stains throughout site, and presence of lime pit.

Jay's Fuel Oil (Owned by John Jay Urban, tenant of John Novak)

- February 23, 1998 - DNR notified about unknown volume of heating oil that contaminated the soil
  - City of West Allis Police and Fire Departments, Milwaukee County Emergency Management, and DNR responded to an estimated 200 gallon oil spill on site
- February 26, 1998 - DNR Hydrogeologist Michael Thompson met with John Urban's son Jesse, who was operating the business while father on vacation
- April 14, 1998 - DNR sent letter to John Urban notifying him of his legal responsibilities
  - He must hire an environmental consultant, and he must clean up the contamination
- April 29, 1998 - Key Engineering performed Phase II site assessment
  - Three soil samples collected from the ground surface in the immediate vicinity of spilled area
  - Petroleum free product associated with spill has been removed to the extent practicable
  - Level of residual contamination related to the fuel oil spilled is not significant
  - No soil contamination encountered at concentration exceeding applicable soil standard based on the protection of groundwater
  - No soil contamination encountered at concentration exceeding applicable soil standard based on direct contact exposure
  - Site area in serviced by municipal water and there is no potential for residual contaminant discharges to a surface water or wetland
  - It would likely not be feasible to distinguish residual impact associated with the oil spilled from other apparent releases on the site or general scrap yard

impact

- November 2, 2000 - DNR sends Urban a Notice of Violation
  - Violation is to remind him that cleanup process was supposed to be taken care of nearly two years ago
- November 27, 2000 - DNR spill Coordinator Mike Thompson met with Urban to discuss oil leaks which occurred in 1998
  - Thompson and Urban reviewed Key Engineering report form 1998, Urban thought they had forwarded a copy of report to DNR back in 1998, but they had not done so, thus DNR had no idea Urban had made an attempt to have site investigated
  - Thompson said that more investigation is needed to determine the extent and degree of contamination caused by the leaking truck before clean up could be completed
  - Urban agreed and said that he will rehire Key to continue with the investigation and clean up
- January 17, 2001 - Key Engineering files request with DNR to close the Jay's Fuel Oil case based on their previous investigation
- July 4, 2001 - DNR Closure Committee denied request for closure
- Additional soil sampling needs to be conducted at location of Jay's Oil fuel oil spill

John Novak operations (owns entire site since approximately 1985, rents out to other tenants)

- September 29, 2000 - DNR inspected entire Novak property
- Traces of lime deposits found in water that leaked beyond the property line retaining wall
  - On-site test showed pH 13, laboratory test showed pH 12
- October 5, 2000 - DNR met with Novak
  - Novak submitted an action plan with dates for the immediate problem of lime leaving the site
- October 10, 2000 - DNR Wastewater Engineer Ted Bosch inspected Novak property

- Observed petroleum spills on soil
- Wastewater discharged with traces of lime, there is no wastewater discharge permit for the site, test reveled pH 12 to 13
- Site has characteristic of a salvage yard, but best management practices required for scrap and waste material general permit were not in place
- Lime being removed from pit and sold to a tannery
- Sorce Services (another tenant) operates on the site, used site to consolidate waste prior to transfer to landfill

- October 12, 2000 - Ted Bosch from DNR notified Novak to complete the following actions
  - Water in the puddle along the sidewalk (Becher Place) should be neutralized to a pH less than 9.0
  - Ruts along retaining wall/street sidewalk should be filled to prevent pooling
  - Water in lime pit should be pumped to sanitary sewer on a daily basis to reduce seepage from the site
- October 20, 2000 - DNR sends Novak a Notice of Violation

2.3 Potential Contaminant Sources

The Phase I ESA and preliminary Phase II ESA of the site conducted by TEMCO in March 2004 identified various potential soil and groundwater contaminant sources associated with past and current site facilities and uses:

- The former lime slurry pond and settling basin area, which covers the eastern and southern parts of the site along Becher Place, and separately, the southwestern corner of the site. Residual lime slurry or lime dust is not a significant environmental concern. The primary reason these areas required assessment was to identify any contaminants in the fill used to reclaim these areas to present grade, and contamination resulting from surface releases from equipment and materials stored in these areas.
- The area of the former and current building complex in the central part of the site. This area includes several potential contaminant sources from former and current site operations:
  - Former terminal operations of a hazardous waste trucking firm, including

washing and cleaning waste heels out of trucks onto the ground surface

- Former terminal operations of fuel oil supply company, including a known fuel oil release

- Former acetylene manufacturing plant, transmission repair business, construction company yards, and an additional trucking company

- Former use of the building complex area by a commercial printing and lithography company, roofing firm, trucking company, construction company, and lime storage and sales firm

- Former and current use of the entire site for containerized and non-containerized storage of solid waste and scrap material by a waste collection and hauling company (Sorce)

- Several areas of the site, particularly the north central and northwestern parts of the site as well as smaller areas in the south-central and west central part of the site, which currently and historically have been used for equipment and material storage. Historical photographs and on-site observations identified numerous junk vehicles, waste piles, tanks, tanker trucks, 55 gallon drum and other containers, waste containing roll-off boxes and other equipment and debris scattered throughout these areas.

- Roofing materials covering the on-site buildings contain asbestos, as indicated in historical site records

- The on-site buildings currently store numerous containers which potentially contain petroleum and/or other hazardous substances. Poor housekeeping and haphazard storage of these materials indicates significant potential for accidental spillage.

2.4 Previous Environmental Investigations

Several previous environmental assessments have been conducted on the site, as described in Section 2.3 of this report. These include several by the WDNR concerning operation of the lime slurry ponds and off-site discharge of pond overflow, WDNR follow-up to a report of site use by a hazardous waste trucking firm, and a preliminary investigation into a reported discharge of heating oil by a commercial supplier using the site as a delivery truck terminal.

In preparation for acquisition and redevelopment of the site by the City of West Allis CDA, TEMCO conducted a Phase I ESA and preliminary Phase II ESA of the site in March 2004. Data developed during these assessments is incorporated into this Site Investigation report.

SECTION 3 OBJECTIVES AND SCOPE OF WORK

3.1 Objectives

The objectives of the Site Investigation

- Characterization of on-site soil and shallow groundwater conditions using geoprobe soil borings and selection of appropriate locations for installation of permanent groundwater monitoring wells
- Verification of the presence or absence of various contaminants potentially on-site as a result of discharge from the sources described in Section 2.3
- Characterization of the types, concentrations, and distributions of soil and groundwater contamination on the site
- Characterization of stratigraphic, geologic, hydrogeologic, and geochemical data sufficient to support analysis and selection of remedial and/or closure options for the site
- Evaluation of the need for site remediation considering soil and groundwater cleanup criteria and site redevelopment plans. Development of the data required to select the most appropriate site remediation alternatives, and support the development of a remedial plan and cost estimate.

3.2 Scope of Work

The principal elements of the Site Investigation scope of work completed by TEMCO to address the Site Investigation objectives include:

- Development of a soil boring and sampling plan designed to complete the assessment of subsurface conditions presented in the March 2004 preliminary Phase II ESA of the following areas of the site:
  - The central area of the site, including the building complex, where past and current operations potentially discharged a variety of contaminants
  - The southern and eastern parts of the site formerly occupied by lime slurry ponds which were reclaimed with fill of unknown origin and quality
  - Peripheral areas in the southeastern, west-central, and north-central part of the site where a variety of equipment, waste containers, tanks, salvage, and scrap material was historically and currently stored

- Installation and logging of fifteen (15) additional geoprobe soil borings and fourteen (14) hollow stem auger soil borings in the above listed areas ranging in depth up to twenty-five (25) feet below ground surface (bgs).

- Collection and laboratory analysis of thirty (32) soil samples for a broad range of contaminants associated with the potential contaminant sources described in Section 2.3

- Construction and development of fourteen (14) WAC NR 141 compliant groundwater monitoring wells in the hollow stem auger soil borings

- Completion of a site survey to locate and establish elevations for groundwater monitoring wells, property boundaries, and site features

- Completion of two (2) rounds of groundwater monitoring and laboratory analysis of groundwater samples for Volatile Organic Compounds (VOC), Polyaromatic Hydrocarbons (PAH), and RCRA metals

- Preparation of the Site Investigation report describing field activities, the laboratory analytical program and results, and interpretation of the field and laboratory data. Laboratory analytical results for the soil and groundwater samples are summarized in the Tables section and laboratory analytical reports are provided as Appendix A. Site figures, including site location, soil boring and monitoring well plan, soil and groundwater contaminant distribution and groundwater elevation figures are included in the Figures section. Soil boring logs are provided as Appendix B. Soil boring abandonment forms are provided as Appendix C. Monitoring well construction diagrams are included in Appendix D. Monitoring well development forms are included in Appendix E.

SECTION 4 FIELD AND LABORATORY PROGRAM

4.1 Soil Borings

Prior to soil boring and sampling, on-site and near off-site utilities were located and marked. On May 26 and 27, 2004, 15 additional soil borings were drilled at the locations shown in Figure 2 (soil borings SB-1 through SB-10 were completed during the March 2004 Preliminary Phase II ESA). The borings were drilled by direct push using a truck mounted Geoprobe drill rig. 2.0 inch diameter, 4 feet long hollow steel sampling tubes with plastic liners were driven in 4 feet increments by hydraulic pressure and percussion to total depths ranging from 3 feet to 16 feet bgs. TEMCO used continuous soil sampling to ensure that changes in soil type, evidence of contaminants, and groundwater conditions were observed and recorded.

Soil samples were inspected and classified according to the Unified Soil Classification System. Soil

sample descriptions, evidence of contamination, and groundwater conditions are recorded on soil boring logs (WDNR Form 4400-122) prepared for each borehole, and are presented in Appendix B.

Soil borings were located by measuring from the various on-site buildings and property boundaries. Soil borings were abandoned in accordance with WAC NR 141 by filling the borehole with granular bentonite from bottom to top after soil sampling was completed. Soil boring abandonment forms (WDNR Form 3300-5B) are provided in Appendix C.

4.2 Soil Analyses

Soil samples selected for laboratory analysis were containerized and preserved immediately following sample collection. Sample containers were placed on ice in a cooler and transported along with a chain-of-custody document to a WDNR certified analytical laboratory.

The analytical program was designed considering the results of the preliminary Phase II ESA and to address the Site Investigation objectives outlined in Section 3.1.

- Soil samples collected from the central area of the site and the peripheral equipment and scrap storage areas were analyzed for the contaminants most likely associated with past and current operations in these areas.
  - Volatile Organic Compounds (VOC)
  - Polycyclic Aromatic Hydrocarbons (PAH)
- Soil samples collected from the reclaimed lime slurry pond area were analyzed for a more comprehensive list of contaminants, including Resource Conservation and Recovery Act (RCRA) metals and Polychlorinated Biphenyls (PCB) in response to the lack of information concerning the type of fill used to reclaim the lime slurry ponds.

4.3 Hollow Stem Auger Soil Borings and Groundwater Monitoring Wells

In August, 2004, fourteen (14) soil borings and monitoring wells were installed on the site in locations selected based on the results of geoprobe soil borings investigations. Soil borings were installed using a truck mounted rotary drill rig and hollow stem augers. Soil sample descriptions, classification, and screening were performed in accordance with the Unified Soil Classification System. Soil boring logs (WDNR Form 4400-122) were prepared for each boring and are included in Appendix B.

Fifteen (15) soil samples collected from the soil borings were submitted for laboratory analysis of PAH; two (2) soil samples were submitted for laboratory analysis of PCB.

Well Construction: Each monitoring well was constructed of two inch diameter Schedule 40 PVC

casing coupled to a section of 0.010" factory slotted PVC well screen positioned to intersect the water table based on observations during borehole drilling. The casing and screen were field assembled from sealed packages to ensure well integrity. The wells were completed in accordance with Wisconsin Administrative Code, Chapter NR 141, "Groundwater Monitoring Well Requirements". The position of the filter pack, filter pack seal, annular space seal and surface seal were confirmed by measuring with weighted measuring tape. Following the complete removal of augers, a stick-up steel pipe with locking cap was installed over each well top, except MW-8 which was finished with a flush mounted protective cover. Monitoring Well Construction Diagrams (DNR Form 4400-113A) were completed for each well and are included as Appendix D.

Well Development: Each well was developed by slowly pumping and bailing multiple well volumes of groundwater until nearly sediment-free water was obtained. Well development was completed in accordance with Wisconsin Administrative Code, Chapter NR141. Well Development Forms (DNR Form 4400-113B) were completed for each well and are included as Appendix E.

Well Sampling: Following development, groundwater samples were collected from the fourteen (14) groundwater monitoring wells on August 23, 2004 by gently lowering a dedicated, disposable polyethylene bailer into the well. After the bailer filled with water, the contents were transferred into appropriate containers for laboratory analyses. The VOC samples were preserved with hydrochloric acid to a pH of <2.0. The containers were sealed to ensure that no head space was present, and were placed in a cooler containing ice for transport to the laboratory. The samples were analyzed for VOC and PAH.

In May 2005 a second round of groundwater samples was collected from the fourteen (14) on-site monitoring wells. The wells were first purged of a minimum of four well volumes. Sampling procedures used were as reported for the initial sampling. These samples were analyzed for VOC, PAH, and RCRA metals.

A site survey to establish locations and elevations of groundwater monitoring wells, geotechnical investigation soil borings, property boundaries, and other site features was completed in April 2005.

SECTION 5 RESULTS OF SOIL INVESTIGATION

The site surface topography generally slopes from southwest to northeast, with a maximum decrease in elevation across the site of approximately 8.5 feet.

Subsurface soils in the central, central-western and northern parts of the site consist primarily of silty clay, with minor amounts of sand and gravel. The upper 3 to 6 feet of the silty clay is fill. Subsurface soils in the eastern and southern parts of the site consist of fill used to reclaim the former lime slurry ponds, and consist of mixtures of silty clay, clayey and silty sand and gravel, residual lime slurry, and minor amounts of brick, wood, concrete, and black, organic silt. The thickness of the fill varies from a few feet to 19 feet bgs. Based on a series of eleven additional soil borings completed during the preliminary geotechnical assessment of the site, the native silty clay soil extends continuously to the maximum depth of assessment, 45 feet bgs.

Soil samples collected in each boring primarily from the depth interval 0 to 4 feet bgs were selected for laboratory analysis based on the following:

- Soil contamination in the central building complex area and the western and northern parts of the site would have primarily resulted from surface spills and discharges related to historical and current site operations

- Soil conditions observed in the borings completed in the southern and eastern areas of the site (the area of the former lime slurry pond) were relatively consistent through the depth interval sampled (usually 0 to 12 feet bgs). Since contamination in the 0-4 feet bgs depth interval poses a potential direct contact exposure threat during and potentially following site redevelopment, this interval was selected from each soil boring for laboratory analysis.

Soil samples collected from borings located in both the central-northern-western areas of the site, as well as from the lime slurry pit areas, and representing depths ranging from 4 to 20 feet bgs, were also selected for laboratory analysis to determine both the maximum depth of any surface derived contamination and to identify contamination associated directly with fill placed at depth in the former lime pit areas.

Significant levels of soil contamination were identified in the samples analyzed. The contamination consists almost exclusively of PAH compounds. The highest PAH levels were identified in soil samples collected from the borings completed in the former lime slurry pond area, i.e. the eastern and southern areas of the site (Figure 3.1). Levels of PAH compounds detected in these soils samples were elevated sufficiently to result in exceedances of both relevant Residual Contaminant Level (RCL) types for PAH compounds, i.e. the groundwater pathway RCL and the industrial site direct contact RCL (Table 3). Additionally, the high levels of PAH contaminants are contained almost exclusively in the upper four to six feet of the fill. The industrial RCL's are used to evaluate levels of soil contamination since the CDA has determined that the site will be redeveloped into light industrial use(s).

Soil analyses for VOC were universally non-detect, except for naphthalene, which is also a PAH. Soil analyses for PCB were all non-detect.

DRO levels were detected above the lower DRO RCL (100 mg/kg) in most of the soil samples analyzed in the initial phases of the Site Investigation (Table 2). The DRO levels measured were generally proportional to the total PAH level of each soil sample. As a result, DRO analysis was deleted from the remaining phases of the Site Investigation.

Several exceedances of the arsenic industrial site RCL (Table 4) were identified in the soil samples collected in the former lime slurry pond area. The arsenic levels observed are common in local soils and not indicative of a specific contaminant source.

The source of the contamination identified is not known. A wide variety of industrial processes produce wastes with the high levels of PAH compounds identified in the fill samples collected in

the Site Investigation. The previous site owner, John Novak, was unable to provide any useful information concerning the source of the contamination.

SECTION 6 RESULTS OF GROUNDWATER INVESTIGATION

The groundwater table at the site varies from approximately 4.5 feet bgs to approximately 15 feet bgs. Groundwater depths of approximately 1+ foot bgs were recorded at monitoring well MW-8 because the well is located in a small low area on the northwest corner of the central building complex on the site. The direction of groundwater flow across the site generally follows the surface topography i.e. southwest to northeast. There is some evidence of groundwater mounding beneath the central area of the site, beneath the buildings, observed during the first groundwater monitoring event in August 2004. The maximum hydraulic gradient across the site is approximately 0.02 feet/feet. The hydraulic conductivity of subsurface native silty clay soils and fill at the site likely varies by 2 to 3 orders of magnitude, although a reasonable estimate for the average velocity of groundwater flow across the site is the range of one to ten feet per year.

Based on the results of the comprehensive soil sampling and analysis program, groundwater samples from the 14 on-site monitoring wells were analyzed for VOC, PAH, and RCRA metals. Spring and late summer sampling events were conducted to monitor the approximate limits of the seasonal fluctuation in the depth of the groundwater table. Monitoring wells were typically constructed with 15 feet of screen to ensure well exposure to the maximum thickness of fill in the former lime pit area. No Enforcement Standard (ES) exceedances were observed for any VOC contaminants in the groundwater samples collected from the 14 monitoring wells. Preventive Action Limit (PAL) exceedances were observed for benzene (MW-1, MW-4, MW-5, MW-6, MW-12, MW-14), naphthalene (MW-4, MW-5, MW-6, MW-12, MW-14), trichloroethylene (MW-4), and chloroform (MW-11). The distribution of these contaminants indicates they are apparently associated with the fill used to reclaim the lime pits following removal of the lime slurry.

Similarly, no ES exceedances were observed for RCRA metals in the groundwater samples collected from the former lime pit area (MW-4, MW-14) or the former site tenant operations area around the buildings in the central part of the site (MW-8, MW-11). RCRA metal concentrations in groundwater in the former lime pit area, however, are generally higher than in the unfilled area of the site (central and northwestern areas).

The distribution of PAH contaminants in groundwater is generally widespread across the site, similar to the distribution of PAH contaminants in soil, although at levels which reflect the very low solubilities of most of these contaminants. Although higher levels of soil PAH contaminants are distributed throughout the former lime pit area (southern and eastern parts of the site), the highest levels of groundwater PAH contaminants are confined to a relatively small area in the south-central part the site around monitoring well MW-2. The source of the PAH contaminants in groundwater samples collected from MW-2 is unknown, although the levels are two to three orders of magnitude higher than in all other areas of the site. No subsurface conditions were observed in the soil samples collected from boring MW-2 which suggest a specific PAH source. The soil sample collected from MW-2 (12 - 14 feet bgs) submitted for analysis yielded very low levels of PAH contaminants.

It should be noted that the highest groundwater elevations occurred at MW-2 in both monitoring events. The topography of the site and surrounding area indicate the primary direction of groundwater flow from MW-2 is east-northeast. As such, groundwater contamination is likely contained on the site with minor potential off-site migration onto the City of West Allis Fire Department property to the south or the West Becher Place right-of-way to the east.

SECTION 7 CONCLUSIONS

The following conclusions regarding current site conditions, potential contaminant receptors, and implications for site remediation and site redevelopment can be drawn from the results of the Site Investigation:

- Subsurface soil and groundwater contamination at the site which occurs at levels exceeding relevant state standards consists almost exclusively of a variety of PAH compounds. The highest levels of these contaminants are contained in the upper four to six feet of the fill in the former lime pit areas located in the southern and eastern parts of the site.

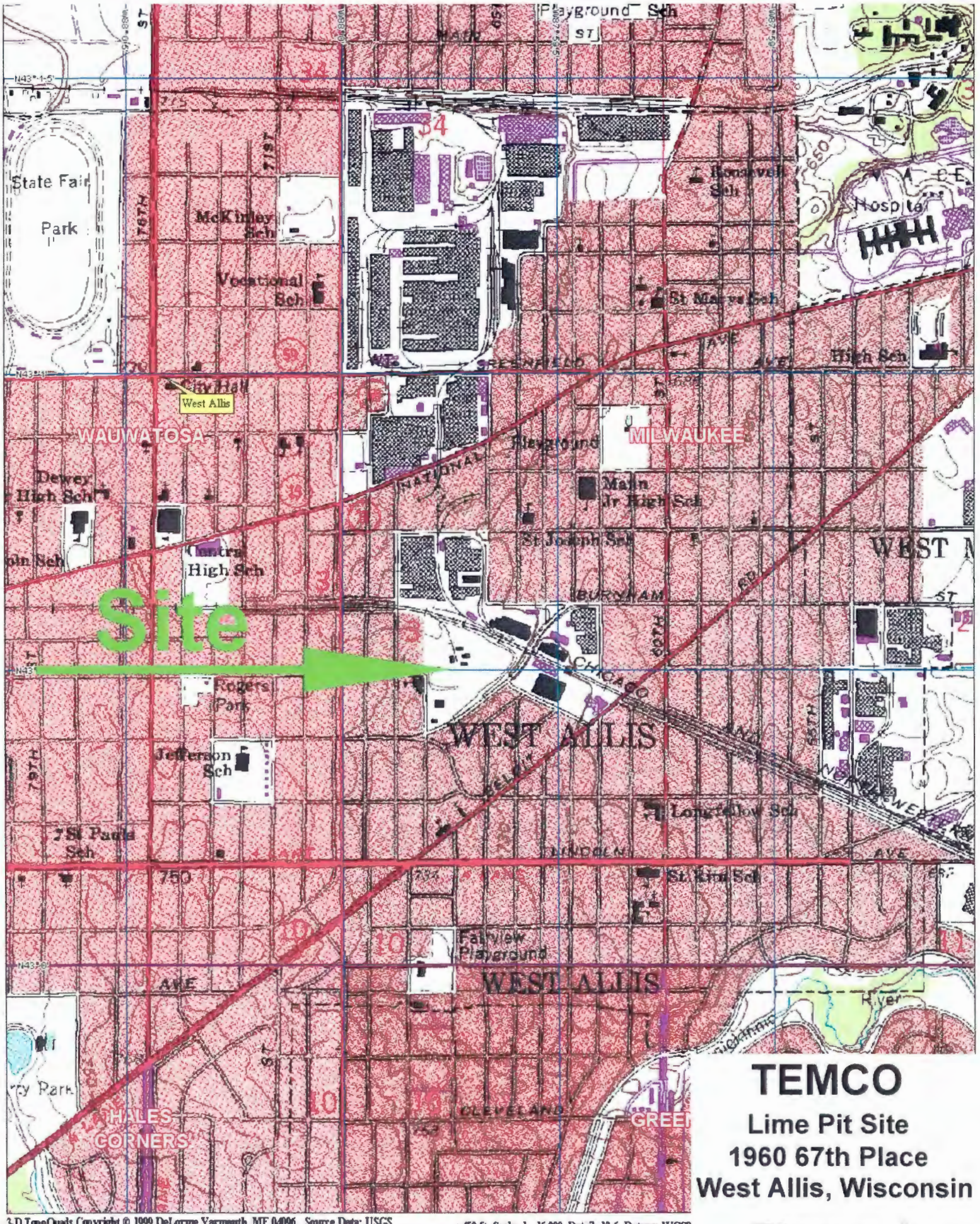
- The site contains no apparent environmental receptors. The only subsurface utility trenches are for water/sanitary sewer and natural gas. These trenches enter the site from the upgradient side (west) and terminate in the building complex in the center of the site.

- With the exception of the mixed fill in the former lime pit areas of the site (south - western corner, south eastern and eastern areas), the site is underlain by silty clay soil. PAH compounds have very limited mobility in clay soil, and have likely not migrated off-site a significant distance. TEMCO, however, will investigate soil and groundwater off-site in the down gradient direction (northeast) to verify the extent of off-site migration of contamination and determine the impact on any off-site receptors. Additionally to complete the on-site site investigation, TEMCO will investigate potential subsurface contamination beneath the on-site buildings following removal of building contents and building demolition. These investigations will be issued as an addendum to the Site Investigation report.

- Pending the results of the additional site investigation it appears likely that the only significant environmental concern posed by current site conditions is the direct contact issue associated with RCL exceedances of PAH compounds in the upper four feet of fill on the site, primarily in the former lime pit areas.

- The most cost-effective remedial alternative to mitigate the direct contact issue is development of a cap over the areas of concern. Portions of the proposed cap may be in the form of a new buildings and paving associated with proposed light industrial redevelopment of the site. Since the site surface elevation currently falls up to nine feet from southwest to northeast, the CDA or site redeveloper may want

to place soil fill in the southern and eastern areas of the site (former lime pit areas) prior to redevelopment to create a more level building site. The nearby Six Points / Farmers Market Redevelopment Project (West National Avenue and South 66th Street) will require excavation and off-site disposal of large volumes of soil to accommodate underground basement and parking facilities. Some of this soil contains contaminants similar to those on the Lime Pit Site, particularly PAH compounds, although typically at much lower levels. As such, placement of these soils as a cap over the former lime pit areas may serve the needs of both redevelopment projects. These issues will be addressed in detail in the Remedial Action Plan for the Lime Pit site.



TEMCO

Lime Pit Site
1960 67th Place
West Allis, Wisconsin

Figure 1

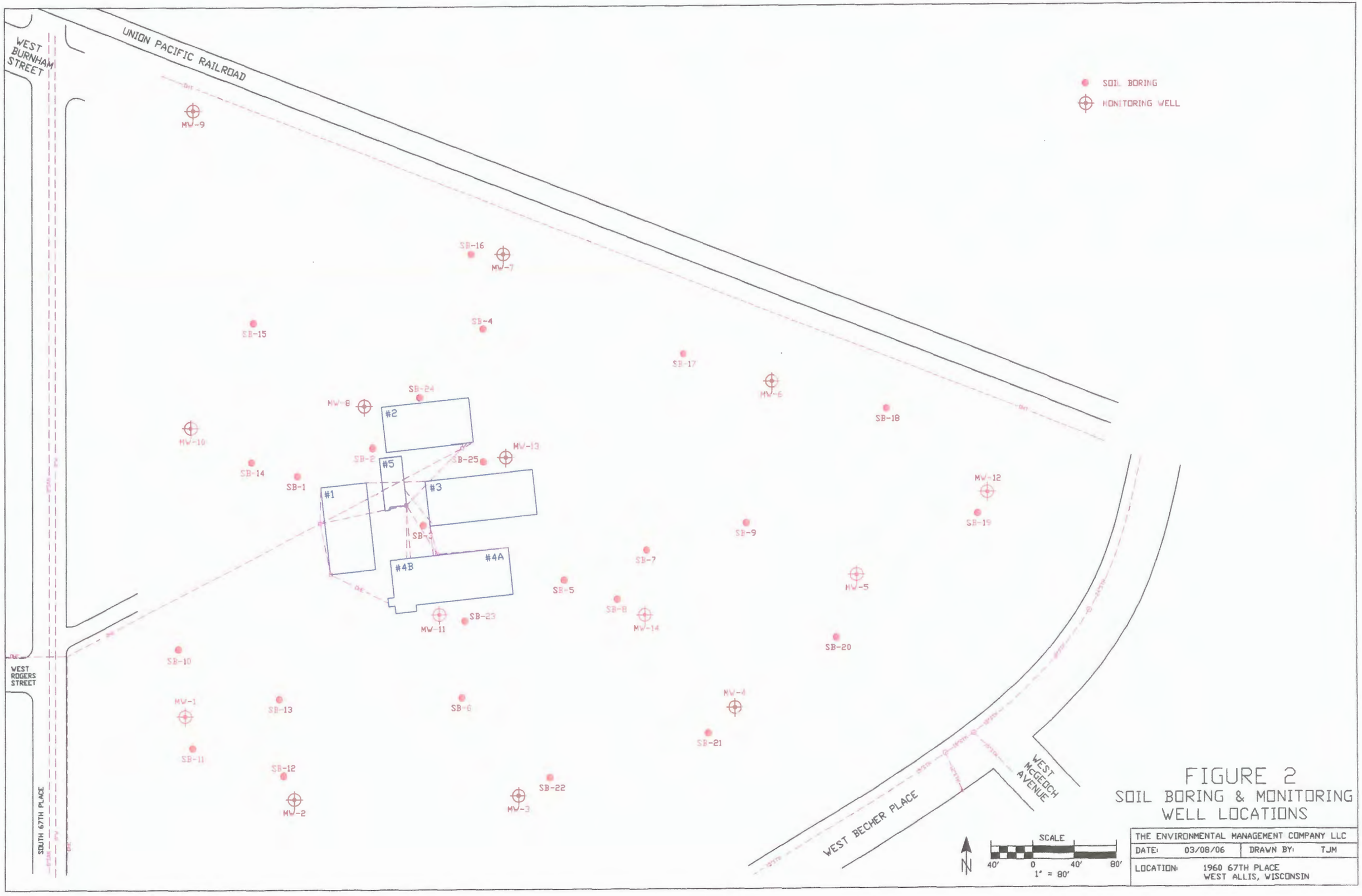


FIGURE 2
SOIL BORING & MONITORING WELL LOCATIONS

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC			
DATE:	03/08/06	DRAWN BY:	TJM
LOCATION:	1960 67TH PLACE WEST ALLIS, WISCONSIN		

WEST BURNHAM STREET

UNION PACIFIC RAILROAD

SOIL BORING

MONITORING WELL

DRO	DIESEL RANGE ORGANICS
NAP	NAPHTHALENE
ARS	ARSENIC
ACEN	ACENAPHTHYLENE
B(a)A	BENZO(a)ANTHRACENE
B(a)P	BENZO(a)PYRENE
B(b)F	BENZO(b)FLUORANTHENE
B(ghi)P	BENZO(g,h,i)PERYLENE
B(k)F	BENZO(k)FLUORANTHENE
CHRY	CHRYSENE
D(a,h)A	DIBENZ(a,h)ANTHRACENE
INDENO	INDENO(1,2,3-cd)PYRENE
PHEN	PHENANTHRENE

RECOMMENDED RESIDUAL CONTAMINANT LEVEL EXCEEDANCES SHOWN FOR
- GROUNDWATER PROTECTION
- DIRECT CONTACT – INDUSTRIAL

ALL CONTAMINANTS SHOWN IN mg/kg

MW-9

SB-16

MW-7

SB-15

SB-4

CONTAM	DETECT	DEPTH	DATE
B(a)P	1.30	2-3	08/09/04

CONTAM	DETECT	DEPTH	DATE
B(a)P	1.6J	0-4	02/20/04
PHEN	2.2J	0-4	02/20/04
DRO	190	0-4	02/20/04

SB-17

MW-6

CONTAM	DETECT	DEPTH	DATE
B(a)P	1.1J	0-4	02/20/04

MW-8

SB-24

#2

SB-18

CONTAM	DETECT	DEPTH	DATE
B(a)P	0.9J	0-4	05/27/04

MW-10

MW-13

SB-2

SB-25

#5

#1

#3

SB-14

SB-1

SB-3

CONTAM	DETECT	DEPTH	DATE
DRO	160	0-4	02/20/04
ACEN	2.9	0-4	02/20/04
B(a)A	6.2	0-4	02/20/04
B(a)P	6.4	0-4	02/20/04
B(b)F	6.2	0-4	02/20/04
D(a,h)A	1.6	0-4	02/20/04
INDENO	5.9	0-4	02/20/04
PHEN	6.4	0-4	02/20/04

CONTAM	DETECT	DEPTH	DATE
B(a)P	0.6J	0-4	02/20/04

SB-5

#4B

#4A

CONTAM	DETECT	DEPTH	DATE
DRO	200	0-4	02/20/04
ARS	3.1B	0-4	02/20/04
B(a)A	16	0-4	02/20/04
B(a)P	15J	0-4	02/20/04
B(b)F	20	0-4	02/20/04
INDENO	6.4J	0-4	02/20/04
PHEN	24	0-4	02/20/04

SB-9

MW-12

CONTAM	DETECT	DEPTH	DATE
B(a)A	11	4-6	08/09/04
B(a)P	5.7	4-6	08/09/04
B(b)F	12	4-6	08/09/04
D(a,h)A	0.63	4-6	08/09/04
INDENO	4.3J	4-6	08/09/04
NAP	0.60	4-6	08/09/04
PHEN	20	4-6	08/09/04

SB-19

CONTAM	DETECT	DEPTH	DATE
B(a)A	11	0-4	02/20/04
B(a)P	11	0-4	02/20/04
B(b)F	13	0-4	02/20/04
INDENO	4.6J	0-4	02/20/04
PHEN	13	0-4	02/20/04

SB-10

CONTAM	DETECT	DEPTH	DATE
NAP	2.46	0-3	05/27/04
ACEN	3.6J	0-3	05/27/04
B(a)A	41	0-3	05/27/04
B(a)P	35	0-3	05/27/04
B(b)F	49	0-3	05/27/04
CHRY	46	0-3	05/27/04
D(a,h)A	5.6J	0-3	05/27/04
INDENO	17	0-3	05/27/04
PHEN	53	0-3	05/27/04

SB-13

MW-11

SB-23

CONTAM	DETECT	DEPTH	DATE
B(a)P	0.43	0-4	05/27/04

SB-8

MW-14

CONTAM	DETECT	DEPTH	DATE
DRO	450	0-4	02/20/04
ARSE	3.06	0-4	02/20/04
ACEN	1.9J	0-4	02/20/04
B(a)A	11	0-4	02/20/04
B(a)P	14	0-4	02/20/04
B(b)F	16	0-4	02/20/04
INDENO	6.1	0-4	02/20/04
PHEN	11	0-4	02/20/04

SB-7

MW-5

CONTAM	DETECT	DEPTH	DATE
B(a)A	4.2J	0-4	05/27/04
B(a)P	3.6J	0-4	05/27/04
B(b)F	4.2J	0-4	05/27/04
PHEN	11	0-4	05/27/04

SB-20

CONTAM	DETECT	DEPTH	DATE
NAP	0.633	0-4	05/27/04
B(a)A	5.6	0-4	05/27/04
B(a)P	5.1	0-4	05/27/04
B(b)F	6.1	0-4	05/27/04
PHEN	12	0-4	05/27/04

WEST ROGERS STREET

MW-1

CONTAM	DETECT	DEPTH	DATE
B(a)A	32	0-4	05/27/04
B(a)P	26	0-4	05/27/04
B(b)F	31	0-4	05/27/04
INDENO	14J	0-4	05/27/04
PHEN	54	0-4	05/27/04
NAP	1.39	0-4	05/27/04

SB-11

SB-6

CONTAM	DETECT	DEPTH	DATE
NAP	130	0-4	02/20/04
DRO	450	0-4	02/20/04
B(a)A	23	0-4	02/20/04
B(a)P	21	0-4	02/20/04
B(b)F	25	0-4	02/20/04
D(a,h)A	2.5J	0-4	02/20/04
INDENO	9.4	0-4	02/20/04
NAP	37	0-4	02/20/04
PHEN	59	0-4	02/20/04

CONTAM	DETECT	DEPTH	DATE
NAP	154	0-4	02/20/04
DRO	350	0-4	02/20/04
ACEN	2.5J	0-4	02/20/04
B(a)A	75	0-4	02/20/04
B(a)P	46	0-4	02/20/04
B(b)F	90	0-4	02/20/04
CHRY	68	0-4	02/20/04
D(a,h)A	9.7	0-4	02/20/04
INDENO	32	0-4	02/20/04
NAP	55	0-4	02/20/04
PHEN	150	0-4	02/20/04

MW-4

CONTAM	DETECT	DEPTH	DATE
B(a)A	46	0-3	05/27/04
B(a)P	39	0-3	05/27/04
B(b)F	48	0-3	05/27/04
CHRY	44	0-3	05/27/04
D(a,h)A	5.7J	0-3	05/27/04
INDENO	17	0-3	05/27/04
PHEN	58	0-3	05/27/04

SB-21

SB-12

MW-2

CONTAM	DETECT	DEPTH	DATE
NAP	1.33	0-4	05/27/04
ACEN	4J	0-4	05/27/04
B(a)A	99	0-4	05/27/04
B(a)P	80	0-4	05/27/04
B(b)F	94	0-4	05/27/04
B(ghi)P	43	0-4	05/27/04

CONTAM	DETECT	DEPTH	DATE
B(k)F	41	0-4	05/27/04
CHRY	90	0-4	05/27/04
D(a,h)A	13J	0-4	05/27/04
INDENO	40	0-4	05/27/04
PHEN	140	0-4	05/27/04
ARS	4.0	0-4	05/27/04

MW-3

SB-22

CONTAM	DETECT	DEPTH	DATE
B(a)P	0.88	4-8	05/27/04
ARS	7.1	4-8	05/27/04

SOUTH 67TH PLACE

WEST BECHER PLACE

WEST MCGEOCH AVENUE

N

SCALE
40' 0 40' 80'
1" = 80'

FIGURE 3.1
SOIL CONTAMINANT DISTRIBUTION

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC

DATE: 03/08/06 | DRAWN BY: TJM

LOCATION: 1960 67TH PLACE
WEST ALLIS, WISCONSIN

WEST BURNHAM STREET

UNION PACIFIC RAILROAD

WEST ROGERS STREET

SOUTH 67TH PLACE

WEST BECHER PLACE

WEST MCGEOCH AVENUE

MONITORING WELL

NAP	NAPHTHALENE
B(a)P	BENZO(a)PYRENE
B(b)F	BENZO(b)FLUORANTHENE
CHRY	CHRYSENE
FLUO	FLUORANTHENE
INDENO	INDENO(1,2,3-cd)PYRENE
PHEN	PHENANTHRENE
PYR	PYRENE
CAD	CADMIUM
CHRO	CHROMIUM
MER	MERCURY
SEL	SELENIUM
SILV	SILVER
CHLOR	CHLOROFORM

ONLY PREVENTIVE ACTION LIMIT & ENFORCEMENT STANDARD EXCEEDANCES SHOWN

ALL CONTAMINANTS SHOWN IN ug/l

MW-9

CONTAM	DETECT	STANDARD	DATE
B(a)P	0.57	ES	08/23/04
B(b)F	0.96	ES	08/23/04
CHRY	0.52	ES	08/23/04
B(a)P	0.11	PAL	05/10/05
B(b)F	0.18	PAL	05/10/05
CHRY	0.11	PAL	05/10/05

MW-7

CONTAM	DETECT	STANDARD	DATE
B(b)F	0.029	PAL	08/23/04
CHRY	0.023J	PAL	08/23/04

MW-8

CONTAM	DETECT	STANDARD	DATE
B(b)F	0.023J	PAL	08/23/04
B(a)P	0.037	PAL	05/10/05
B(b)F	0.064	PAL	05/10/05
CHRY	0.54	ES	05/10/05
LEAD	4.4J	PAL	05/10/05

MW-10

CONTAM	DETECT	STANDARD	DATE
B(b)F	0.030	PAL	05/10/05

MW-13

CONTAM	DETECT	STANDARD	DATE
B(a)A	0.16	PAL	08/23/04
B(b)F	0.32	ES	08/23/04
CHRY	0.20	ES	08/23/04

MW-14

CONTAM	DETECT	STANDARD	DATE
CHRY	0.08J	PAL	08/23/04
NAP	14	PAL	08/23/04
BEN	1.2	PAL	08/23/04
NAP	17	PAL	08/23/04
B(b)F	0.03J	PAL	05/10/05
CHRY	0.02J	PAL	05/10/05
NAP	15	PAL	05/10/05
BEN	1.2	PAL	05/10/05
NAP	28	PAL	05/10/05
CAD	3.1	PAL	05/10/05
CHRO	12	PAL	05/10/05
LEAD	51J	PAL	05/10/05
MER	0.46	PAL	05/10/05
SEL	21	PAL	05/10/05
SILV	21	PAL	05/10/05

MW-6

CONTAM	DETECT	STANDARD	DATE
B(a)P	0.10J	PAL	08/23/04
B(b)F	0.17	PAL	08/23/04
CHRY	0.17	PAL	08/23/04
NAP	12	PAL	08/23/04
BEN	1.6	PAL	08/23/04
NAP	16	PAL	08/23/04
B(a)P	0.47	ES	05/10/05
B(b)F	0.67	ES	05/10/05
CHRY	0.61	ES	05/10/05
NAP	8.2	PAL	05/10/05
BEN	1.4	PAL	05/10/05
NAP	19	PAL	05/10/05

MW-12

CONTAM	DETECT	STANDARD	DATE
B(b)F	0.065J	PAL	08/23/04
CHRY	0.071J	PAL	08/23/04
NAP	10	PAL	08/23/04
BEN	1.8	PAL	08/23/04
NAP	21	PAL	08/23/04
B(a)P	0.023J	PAL	05/10/05
B(b)F	0.037	PAL	05/10/05
CHRY	0.042	PAL	05/10/05
NAP	9.4	PAL	05/10/05
BEN	1.8	PAL	05/10/05
NAP	16	PAL	05/10/05

MW-5

CONTAM	DETECT	STANDARD	DATE
B(b)F	0.13J	PAL	08/23/04
CHRY	0.15J	PAL	08/23/04
NAP	33	PAL	08/23/04
BEN	1.8	PAL	08/23/04
NAP	31	PAL	08/23/04
BEN	1.6	PAL	05/10/05
NAP	34	PAL	05/10/05
NAP	28	PAL	05/10/05

MW-4

CONTAM	DETECT	STANDARD	DATE
B(a)A	0.12	PAL	08/23/04
B(b)F	0.13	PAL	08/23/04
CHRY	0.16	PAL	08/23/04
BEN	1.4	PAL	08/23/04
NAP	8.4	PAL	08/23/04
BEN	0.79J	PAL	05/10/05
NAP	4.1	PAL	05/10/05
TCE	0.53J	PAL	05/10/05
CAD	0.9J	PAL	05/10/05
CHRO	10	PAL	05/10/05
MER	0.2J	PAL	05/10/05
SEL	21	PAL	05/10/05

MW-11

CONTAM	DETECT	STANDARD	DATE
B(b)F	0.020J	PAL	08/23/04
CHLOR	1.78J	PAL	08/23/04
CHLOR	1.73J	PAL	05/10/05

MW-1

CONTAM	DETECT	STANDARD	DATE
B(a)A	0.17	PAL	08/23/04
B(b)F	0.29	ES	08/23/04
CHRY	0.22	ES	08/23/04
BEN	0.61J	PAL	08/23/04

MW-2

CONTAM	DETECT	STANDARD	DATE
B(a)A	8.6	ES	08/23/04
B(b)F	13	ES	08/23/04
CHRY	7.9	ES	08/23/04
B(a)P	96	ES	05/10/05
B(b)F	127	ES	05/10/05
CHRY	86	ES	05/10/05
FLUO	219	PAL	05/10/05
PYR	164	PAL	05/10/05

MW-3

CONTAM	DETECT	STANDARD	DATE
B(a)A	0.14	PAL	08/23/04
B(b)F	0.24	ES	08/23/04
CHRY	0.14	PAL	08/23/04
B(b)F	0.027J	PAL	05/10/05

#1 #2 #3 #4A #4B #5

N

SCALE 40' 0 40' 80'

1" = 80'

FIGURE 3.2
GROUNDWATER CONTAMINANT DISTRIBUTION

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC		
DATE: 03/08/06	DRAWN BY:	TJM
LOCATION: 1960 67TH PLACE WEST ALLIS, WISCONSIN		

WEST BURNHAM STREET

UNION PACIFIC RAILROAD

MONITORING WELL

708.36 GROUNDWATER ELEVATION

MW-9
717.47

MW-7
717.65

714.07
MW-6

719.90
MW-8

717.37
MW-10

#2

718.66
MW-13

#5

#1

#3

#4B

#4A

MW-11
720.12

708.36
MW-12

711.70
MW-5

716.25
MW-14

WEST ROGERS STREET

721.36
MW-1

713.47
MW-4

722.47
MW-2

709.99
MW-3

SOUTH 67TH PLACE

WEST BECHER PLACE

WEST MCGEOCH AVENUE

N

SCALE
40' 0 40' 80'
1" = 80'

FIGURE 4.1
GROUNDWATER ELEVATIONS - 08/23/04

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC			
DATE:	03/08/06	DRAWN BY:	TJM
LOCATION:	1960 67TH PLACE WEST ALLIS, WISCONSIN		

UNION PACIFIC RAILROAD

WEST BURNHAM STREET

WEST ROGERS STREET

SOUTH 67TH PLACE

WEST BECHER PLACE

WEST MCGEOCH AVENUE

MONITORING WELL

708.06 GROUNDWATER ELEVATION

MW-9
718.30

MW-7
717.30

MW-6
714.07

MW-8
721.12

MW-10
722.71

MW-13
719.73

MW-12
708.06

#1
#2
#3
#4A
#4B
#5

MW-5
711.60

MW-14
717.40

MW-11
720.33

MW-1
721.99

MW-4
714.43

MW-2
723.33

MW-3
718.70

N

SCALE
40' 0 40' 80'
1" = 80'

FIGURE 4.2
GROUNDWATER ELEVATIONS - 05/10/05

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC			
DATE:	03/08/06	DRAWN BY:	TJM
LOCATION:	1960 67TH PLACE WEST ALLIS, WISCONSIN		

Table 1.2
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Soil Sample Analytical Results
Diesel Range Organics (DRO) & Gasoline Range Organics (GRO)
Novak Property (Lime Pit)
West Allis, Wisconsin
All Contaminants Shown In mg/kg (milligrams per kilogram)

Sample ID	Sample Date	Feet (bgs)	DRO (mg/kg)	GRO (mg/kg)
SB-1	02/20/04	0 - 4	***160***	<10
SB-2	02/20/04	0 - 4	58	<10
SB-3	02/20/04	0 - 4	14	<10
SB-4	02/20/04	0 - 4	***190***	<10
SB-5	02/20/04	0 - 4	28	<10
SB-6	02/20/04	0 - 4	***450***	11
SB-7	02/20/04	0 - 4	***450***	<10
SB-8	02/20/04	0 - 4	***350***	<10
SB-9	02/20/04	0 - 4	***200***	<10
SB-10	02/20/04	0 - 4	84	<10
Residual Contaminant Level (RCL)			100	100

bgs = below ground surface outlined = exceeds RCL March 22, 2004

Table 1.1
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Soil Sample Analytical Results - Volatile Organic Compounds (VOC)
Novak Site (Lime Pit) - West Allis, Wisconsin
All Contaminants Shown In mg/kg • Only Contaminants With Detects Shown

Sample ID	Sample Date	Feet (bgs)	Benzene	tert-Butyl benzene	sec-Butyl benzene	n –Butyl benzene	1,2-DCA	1,1-DCE	Ethyl benzene	Iso propyl benzene	p-Isopropyl toluene	1,4-DCB	Methylene chloride	Naphthalene	n–Propyl benzene	Toluene	1,1,1-TCA	TCE	1,2,4-TMB	1,3,5-TMB	Vinyl Chloride	Xylenes
SB-1	2/20/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.25	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-2	2/20/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-3	2/20/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-4	2/20/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.038[J]	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-5	2/20/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-6	2/20/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	***130***	<0.025	0.029	<0.025	<0.025	0.037	<0.025	<0.025	0.032
SB-7	2/20/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.157	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-8	2/20/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	***1.54***	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-9	2/20/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.257	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-10	2/20/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.069	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-11	5/27/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	***1.33***	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-12	5/27/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	***1.33***	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-13	5/27/04	0 - 3	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	***2.46***	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-14	5/27/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.025[J]	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-15	5/27/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-18	5/27/04	4 - 8	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.107	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-19	5/27/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.338	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-20	5/27/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	***0.633***	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-22	5/27/04	4 - 8	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.32	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-24	5/27/04	3 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Residual Contaminant Levels			0.0055	-	-	-	0.0049	-	2.9	-	-	-	-	0.4†	-	1.5	-	-	-	-	-	4.1

mg/kg = milligrams per kilogram † = recommended RCL Bold & Outlined = exceeds RCL J = Analyte detected between LOD and LOQ

July 7, 2004

Table 1.3
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Soil Sample Analytical Results - PolyAromatic Hydrocarbons (PAH)
Novak Site (Lime Pit), West Allis, Wisconsin
All Contaminants Shown In (mg/kg)

Sample ID	Sample Date	Depth (feet bgs)	Acenaph thene	Acenaph thylene	Anthr acene	Benz(a) anthra cene	Benzo(a) pyrene	Benzo(b) fluoran thene	Benzo (g,h,i) perylene	Benzo(k) fluoran thene	Chry sene	Dibenz (a,h) anthracene	Fluor anthene	Fluorene	Indeno (1,2,3-cd) pyrene	1-Methyl naphth alene	2-Methyl naphthal ene	Naph thalene	Phenan threne	Pyrene
SB-1	02/20/04	0 - 4	< 0.056	**2.9**	3	**6.2**	**8.4**	**6.2**	6.6	2.7	6.9	**1.6**	12	0.83^{J}	**5.9**	<0.094	<0.044	<0.078	**6.4**	11
SB-2	02/20/04	0 - 4	<0.28	<0.32	0.77^{J}	1^{J}	**1.1^{J}**	1.5	0.46^{J}	<0.45	0.89^{J}	<0.47	2.4	<0.32	<0.56	<0.47	<0.22	<0.39	1.7	2.1
SB-3	02/20/04	0 - 4	<0.028	<0.032	<0.046	0.04^{J}	0.045^{J}	0.09^{J}	<0.032	<0.045	<0.046	<0.047	0.084^{J}	<0.032	<0.056	<0.047	<0.022	<0.039	0.041^{J}	0.079^{J}
SB-4	02/20/04	0 - 4	<0.56	<0.64	1.04^{J}	1.6^{J}	**1.6^{J}**	2.3^{J}	<0.64	<0.9	1.6^{J}	<0.94	3.8	<0.64	<1.12	<0.94	<0.44	<0.78	**2.2^{J}**	3.4
SB-5	02/20/04	0 - 4	<0.14	<0.16	<0.23	0.53^{J}	**0.6^{J}**	1	0.22^{J}	0.25^{J}	0.64^{J}	<0.235	1.1	<0.16	<0.28	<0.235	<0.11	<0.195	0.43^{J}	0.98
SB-6	02/20/04	0 - 4	15	<1.6	29	**23**	**21**	**25**	9.2	9.8	23	**2.9^{J}**	50	19	**9.4**	4.8^{J}	9.5	**37**	**59**	45
SB-7	02/20/04	0 - 4	<1.4	**1.9^{J}**	5.1^{J}	**11**	**14**	**16**	6.2	7.8	12	<2.35	22	1.6^{J}	**6^{J}**	<2.35	<1.1	<1.95	**11**	19
SB-8	02/20/04	0 - 4	20	**2.5^{J}**	49	**75**	**46**	**90**	30	30	**68**	**9.7**	180	25	**32**	2.7^{J}	2.9^{J}	**5^{J}**	**150**	170
SB-9	02/20/04	0 - 4	3.1^{J}	<1.6	11	**16**	**15^{J}**	**20**	5.7	5.2^{J}	16	<2.35	33	4.4^{J}	**6.4^{J}**	<2.35	<1.1	<1.95	**24**	29
SB-10	02/20/04	0 - 4	<1.4	<1.6	6.2J	**11**	**11**	**13**	3.9^{J}	4.2^{J}	11	<2.35	21	1.9^{J}	**4.6^{J}**	<2.35	<1.1	<1.95	**13**	18
SB-11	05/27/04	0 - 4	7.4^{J}	<3.2	17	**32**	**26**	**31**	15	14	30	<4.7	76	8.7^{J}	**14^{J}**	<4.7	<2.2	<3.9	**54**	69
SB-12	05/27/04	0 - 4	18	**4^{J}**	66	**99**	**80**	**94**	**43**	**41**	**90**	**13^{J}**	180	29	**40**	<4.7	<2.2	<3.9	**140**	170
SB-13	05/27/04	0 - 3	6.9	**3.6^{J}**	23	**41**	**35**	**49**	17	19	**40**	**5.6^{J}**	69	8.1	**17**	<2.35	<1.1	<1.95	**53**	71
SB-14	05/27/04	0 - 4	<0.028	0.035^{J}	<0.046	0.092^{J}	0.11^{J}	0.17	<0.032	0.064^{J}	0.11^{J}	<0.047	0.2	<0.032	<0.056	<0.047	<0.022	<0.039	0.13	0.2
SB-15	05/27/04	0 - 4	<0.028	0.056^{J}	<0.046	0.14	0.16	0.25	0.084^{J}	0.091^{J}	0.18	<0.047	0.32	<0.032	0.081^{J}	<0.047	<0.022	<0.039	0.14	0.34
SB-16	05/27/04	0 - 4	<0.028	<0.032	0.053^{J}	0.11	0.095^{J}	0.14	0.033^{J}	<0.045	0.11^{J}	<0.047	0.24	<0.032	<0.056	<0.047	<0.022	<0.039	0.15	0.26
SB-17	05/27/04	0 - 4	<0.028	<0.032	<0.046	<0.033	<0.043	<0.042	<0.032	<0.045	<0.046	<0.047	0.047^{J}	<0.032	<0.056	<0.047	<0.022	<0.039	<0.036	0.050^{J}
SB-18	05/27/04	0 - 4	<0.28	<0.32	<0.46	0.91^{J}	**0.9^{J}**	1.2^{J}	0.32^{J}	0.47^{J}	0.88^{J}	<0.47	1.9	<0.32	<0.56	<0.47	<0.22	<0.39	1.2	2.0
SB-18	05/27/04	4 - 8	<0.028	0.069^{J}	<0.046	0.15	0.26	0.33	0.11	0.1^{J}	0.16	<0.047	0.2	<0.032	0.11^{J}	<0.047	<0.022	<0.039	0.1^{J}	0.26
Recommended Residual Contaminant Level	GW DC-I	38 60000	0.7 360	3000 300000	17 3.9	48 0.39	360 3.9	6800 39	870 39	37 390	38 0.39	500 40000	100 40000	680 3.9	23 70000	20 40000	0.4 110	1.8 390	8700 30000	

mg/kg = milligrams per kilogram GW = groundwater pathway J = Analyte detected between LOD and LOQ DC-I = direct contact pathway, industrial
Bold & Outlined = Exceeds 1 or more of the Recommended Residual Contaminant Levels

March 6, 2006

Table 1.3
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Soil Sample Analytical Results - PolyAromatic Hydrocarbons (PAH)
Novak Site (Lime Pit), West Allis, Wisconsin
All Contaminants Shown In (mg/kg)

Sample ID	Sample Date	Depth (feet bgs)	Acenaph thene	Acenaph thylene	Anthr acene	Benz(a) anthra cene	Benzo(a) pyrene	Benzo(b) fluoran thene	Benzo (g,h,i) perylene	Benzo(k) fluoran thene	Chry sene	Dibenz (a,h) anthracene	Fluor anthene	Fluorene	Indeno (1,2,3-cd) pyrene	1-Methyl naphth alene	2-Methyl naphthal ene	Naph thalene	Phenan threne	Pyrene
SB-19	05/27/04	0 - 4	<1.4	<1.6	3[J]	**4.2[J]**	**3.6[J]**	**4.2[J]**	1.6[J]	<2.25	4.5[J]	<2.35	11	<1.6	<2.8	<2.35	<1.1	<1.95	**11**	11
SB-20	05/27/04	0 - 4	1.3[J]	<0.64	3.8	**5.6**	**5.1**	**6.1**	2.3	2.5[J]	5.3	<0.94	12	1.7[J]	2.4[J]	<0.94	<0.44	<0.78	**12**	12
SB-21	05/27/04	0 - 3	7.4[J]	<3.2	23	**46**	**39**	**48**	17	20	**44**	**5.7[J]**	90	7.8[J]	**17**	<4.7	<2.2	<3.9	**58**	91
SB-22	05/27/04	4 - 8	0.2	0.055[J]	0.57	0.98	**0.88**	1.2	0.26	0.41	0.92	0.09[J]	1.6	0.25	0.28	<0.047	0.031[J]	0.04[J]	1.3	1.7
SB-23	05/27/04	0 - 4	<0.028	<0.032	0.11[J]	0.42	**0.43**	0.65	0.14	0.21	0.46	0.057[J]	0.83	<0.032	0.16[J]	<0.047	<0.022	<0.039	0.39	0.99
SB-24	05/27/04	3 - 4	<0.028	<0.032	<0.046	<0.033	<0.043	<0.042	<0.032	<0.045	<0.046	<0.047	<0.030	<0.032	<0.056	<0.047	<0.022	<0.039	<0.036	<0.039
SB-25	05/27/04	0 - 4	<0.028	<0.032	<0.046	<0.033	<0.043	<0.042	<0.032	<0.045	<0.046	<0.047	<0.030	<0.032	<0.056	<0.047	<0.022	<0.039	<0.036	<0.039
MW-1	08/02/04	18 - 20	<0.041	<0.042	<0.034	<0.054	<0.059	<0.042	<0.082	<0.079	<0.038	<0.076	<0.042	<0.041	<0.069	<0.037	<0.072	<0.040	0.022[J]	<0.058
MW-2	08/02/04	12 - 14	<0.041	<0.042	<0.034	<0.054	<0.059	<0.042	<0.082	<0.079	<0.038	<0.076	<0.042	<0.041	<0.069	<0.037	<0.072	<0.040	<0.020	<0.058
MW-3	08/02/04	9 - 11	<0.041	<0.042	<0.034	<0.054	<0.059	<0.042	<0.082	<0.079	<0.038	<0.076	<0.042	<0.041	<0.069	<0.037	<0.072	<0.040	<0.020	<0.058
MW-4	08/03/04	12 - 14	<0.041	<0.042	<0.034	<0.054	<0.059	<0.042	<0.082	<0.079	<0.038	<0.076	<0.042	<0.041	<0.069	<0.037	<0.072	<0.040	<0.020	<0.058
MW-5	08/03/04	13.5 - 14	0.097[J]	<0.042	0.2	0.34	0.32	0.41	0.11[J]	0.12[J]	0.33	<0.076	0.83	0.14	0.13[J]	0.048[J]	<0.072	0.31	0.75	0.74
MW-6	08/03/04	15 - 17	<0.041	<0.042	<0.034	<0.054	<0.059	<0.042	<0.082	<0.079	<0.038	<0.076	<0.042	<0.041	<0.069	<0.037	<0.072	<0.040	<0.020	<0.058
MW-7	08/03/04	3 - 5	<0.041	<0.042	<0.034	<0.054	<0.059	<0.042	<0.082	<0.079	<0.038	<0.076	<0.042	<0.041	<0.069	<0.037	<0.072	<0.040	<0.020	<0.058
MW-8	08/09/04	2-3	0.110[J]	0.310	0.410	1.20	**1.30**	1.80	0.30	0.95	1.50	0.12[J]	3.40	0.17	0.310	0.041[J]	<0.072	0.078[J]	1.40	3.0
MW-8	08/09/04	4-6	<0.041	<0.042	<0.034	<0.054	<0.059	<0.042	<0.082	<0.079	<0.038	<0.076	<0.042	<0.041	<0.069	<0.037	<0.072	<0.040	<0.020	<0.058
MW-9	08/09/04	8.5-9	<0.041	<0.042	<0.034	<0.054	<0.059	<0.042	<0.082	<0.079	<0.038	<0.076	<0.042	<0.041	<0.069	<0.037	<0.072	<0.040	<0.020	<0.058
MW-10	08/09/04	4-6	<0.041	<0.042	<0.034	<0.054	<0.059	<0.042	<0.082	<0.079	<0.038	<0.076	<0.042	<0.041	<0.069	<0.037	<0.072	<0.040	<0.020	<0.058
MW-11	08/09/04	4-6	<0.041	<0.042	<0.034	<0.054	<0.059	<0.042	<0.082	<0.079	<0.038	<0.076	<0.042	<0.041	<0.069	<0.037	<0.072	<0.040	<0.020	<0.058
MW-12	08/09/04	4-6	1.4	0.24	5.7[J]	**11.0**	**9.7**	**12.0**	4.6[J]	4.1[J]	11.0	**0.63**	28.0	2.3[J]	**4.3[J]**	0.210	0.240	**0.60**	**20.0**	24.0
Recommended Residual Contaminant Level		GW DC-I	38 60000	0.7 360	3000 300000	17 3.9	48 0.39	360 3.9	6800 39	870 39	37 390	38 0.39	500 40000	100 40000	680 3.9	23 70000	20 40000	0.4 110	1.8 390	8700 30000

mg/kg = milligrams per kilogram GW = groundwater pathway J = Analyte detected between LOD and LOQ DC-I = direct contact pathway, industrial
Bold & Outlined = Exceeds 1 or more of the Recommended Residual Contaminant Levels

March 6, 2006

Table 1.3
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Soil Sample Analytical Results - PolyAromatic Hydrocarbons (PAH)
Novak Site (Lime Pit), West Allis, Wisconsin
All Contaminants Shown In (mg/kg)

Sample ID	Sample Date	Depth (feet bgs)	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
MW-13	08/09/04	4-6	<0.041	<0.042	<0.034	<0.054	<0.059	<0.042	<0.082	<0.079	<0.038	<0.076	<0.042	<0.041	<0.069	<0.037	<0.072	<0.040	0.021[J]	<0.058
MW-14	08/09/04	4-6	0.370	<0.042	0.170	0.380	0.380	0.380	<0.082	0.270	0.430	<0.076	0.800	0.240	0.074[J]	0.110[J]	0.220[J]	0.180	0.680	0.930
Recommended Residual Contaminant Level		GW DC-I	38 60000	0.7 360	3000 300000	17 3.9	48 0.39	360 3.9	6800 39	870 39	37 390	38 0.39	500 40000	100 40000	680 3.9	23 70000	20 40000	0.4 110	1.8 390	8700 30000

mg/kg = milligrams per kilogram GW = groundwater pathway J = Analyte detected between LOD and LOQ DC-I = direct contact pathway, industrial
Bold & Outlined = Exceeds 1 or more of the Recommended Residual Contaminant Levels

March 6, 2006

Table 1.4
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Novak Property (Lime Pit)
West Allis, Wisconsin
Soil Analytical Results Table: Metals
All contaminants shown in mg/kg (milligrams per kilogram)

Sample ID	Sample Date	Depth (feet bgs)	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
SB-6	02/20/04	0 - 4	<3	69	<0.6	19.6	62.4	0.080	<3	<3
SB-7	02/20/04	0 - 4	***3.06***	42.6	<0.6	8.99	32.1	0.137	<3	<3
SB-8	02/20/04	0 - 4	<3	34.3	<0.6	9.95	41.3	0.1957	<3	<3
SB-9	02/20/04	0 - 4	***3.18***	54.2	<0.6	16.8	65.4	0.047	<3	<3
SB-12	05/27/04	0 - 4	***4.0***	42	0.67	10.0	19	0.031	<0.5	<0.25
SB-18	05/27/04	4 - 8	1.1	1.1	<0.25	2.6	<0.25	<0.02	0.84	<0.25
SB-22	05/27/04	4 - 8	***7.1***	36	0.95	8.2	26	0.055	<0.5	<0.25
Residual Contaminant Levels		Industrial	1.6	- - -	510	- - -	500	- - -	- - -	- - -

Outlined = Exceeds Residual Contaminant Level

March 7, 2006

Table 1.5
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Novak Property (Lime Pit)
West Allis, Wisconsin
Soil Analytical Results Table: PolyChlorinated Biphenyls (PCB)
All Contaminants Shown in mg/kg

Sample ID	Sample Date	Depth (feet bgs)	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
SB-6	02/20/04	0 - 4	<0.0158	<0.0316	<0.0548	<0.0122	<0.0377	<0.0548	<0.0852
SB-7	02/20/04	0 - 4	<0.0507	<0.0788	<0.101	<0.0349	<0.0113	<0.0293	<0.0146
SB-8	02/20/04	0 - 4	<0.0023	<0.00299	<0.0322	<0.00597	<0.0207	<0.0103	<0.00712
SB-9	02/20/04	0 - 4	<0.0024	<0.054	<0.00744	<0.0108	<0.00624	<0.00312	<0.084
MW-8	08/09/04	2-3	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061
MW-14	08/09/04	4-6	<0.1	<0.1	<0.1	<0.1	<0.1	0.26	<0.1

mg/kg = milligrams per kilogram

March 7, 2006

Table 2.1
Groundwater Sample Analytical Results ~ Volatile Organic Compounds (VOC)
Novak Property (Lime Pit) ~ West Allis, Wisconsin
Contaminants shown in µg/l (micrograms per liter)

Sample ID	Sample Date	Benzene	Ethyl benzene	Toluene	Xylenes	1,2,4 TMB	1,3,5 TMB	MTBE	n-Butyl benzene	sec-Butyl benzene	tert-Butyl Benzene	1,1 DCA	cis-1,2 DCE	Isopropyl benzene	p-Isopropyl toluene	Naph thalene	n-Propyl benzene	1,1,1 TCA	TCE	Chloro form
MW-1	8/23/04	**0.61^{J}**	<0.56	<0.57	<0.64	<0.51	<0.66	<0.2	<0.39	<0.21	<0.31	<0.3	<0.29	<0.19	<0.3	3.2	<0.32	<0.16	<0.27	<0.25
	05/10/05	0.47^{J}	<0.3	<0.52	<0.79	<1.1	<0.83	<0.36	<0.61	<0.25	<0.34	<0.91	<0.27	<0.56	<0.5	2.52^{J}	<0.56	<0.42	<0.37	<0.78
MW-2	8/23/04	<0.29	<0.56	<0.57	<0.64	<0.51	<0.66	<0.2	<0.39	<0.21	<0.31	<0.3	<0.29	<0.19	<0.3	<0.6	<0.32	<0.16	<0.27	<0.25
	05/10/05	<0.26	<0.3	<0.52	<0.79	<1.1	<0.83	<0.36	<0.61	<0.25	<0.34	<0.91	<0.27	<0.56	<0.5	<0.85	<0.56	<0.42	<0.37	<0.78
MW-3	8/23/04	<0.29	<0.56	<0.57	<0.64	<0.51	<0.66	<0.2	<0.39	<0.21	<0.31	<0.3	<0.29	<0.19	<0.3	<0.6	<0.32	<0.16	<0.27	<0.25
	05/10/05	<0.26	<0.3	<0.52	<0.79	<0.32	<0.83	<0.36	<0.61	<0.25	<0.34	<0.91	<0.27	<0.56	<0.5	<0.85	<0.56	<0.42	<0.37	<0.78
MW-4	8/23/04	**1.4**	<0.56	1.25^{J}	<0.64	<0.51	<0.66	<0.2	<0.39	<0.21	<0.31	<0.3	0.32^{J}	<0.19	<0.3	**8.4**	<0.32	<0.16	0.37^{J}	<0.25
	05/10/05	**0.79^{J}**	<0.56	1.16^{J}	0.51^{J}	0.39^{J}	<0.83	<0.2	<0.39	<0.21	<0.31	<0.3	0.39^{J}	<0.56	<0.5	**4.1**	<0.56	<0.42	**0.53^{J}**	<0.78
MW-5	8/23/04	**1.8**	<0.56	1.26^{J}	0.66^{J}	0.61^{J}	<0.66	0.2	<0.39	<0.21	<0.31	<0.3	<0.29	<0.19	0.52^{J}	**31**	<0.32	<0.16	0.42^{J}	<0.25
	05/10/05	**1.6**	0.31^{J}	1.24^{J}	0.77^{J}	0.65^{J}	<0.83	<0.2	<0.39	<0.21	<0.31	<0.3	<0.27	<0.56	<0.5	**34**	<0.56	<0.42	<0.37	<0.78
MW-6	8/23/04	**1.6**	1.03^{J}	1.9	6.7	0.71^{J}	<0.66	0.29^{J}	<0.39	<0.21	<0.31	<0.3	<0.29	<0.19	<0.3	**16**	<0.32	<0.16	<0.27	<0.25
	05/10/05	**1.4**	0.97	1.6	6.2	0.73^{J}	<0.83	<0.2	<0.39	<0.21	<0.31	<0.3	<0.27	<0.56	<0.5	**19**	<0.56	<0.42	<0.37	<0.78
MW-7	8/23/04	<0.29	<0.56	<0.57	<0.64	<0.51	<0.66	<0.2	<0.39	<0.21	<0.31	<0.3	<0.29	<0.19	<0.3	<0.6	<0.32	<0.16	<0.27	<0.25
	05/10/05	<0.26	<0.3	<0.52	<0.79	<0.32	<0.83	<0.36	<0.61	<0.25	<0.34	<0.91	<0.27	<0.56	<0.5	<0.85	<0.56	<0.42	<0.37	<0.78
MW-8	8/23/04	<0.29	<0.56	<0.57	<0.64	<0.51	<0.66	0.46^{J}	<0.39	<0.21	<0.31	<0.3	<0.29	<0.19	<0.3	<0.6	<0.32	<0.16	<0.27	<0.25
	05/10/05	<0.26	<0.3	<0.52	<0.79	<0.32	<0.83	0.4^{J}	<0.61	<0.25	<0.34	<0.91	<0.27	<0.56	<0.5	<0.85	<0.56	<0.42	<0.37	<0.78
MW-9	8/23/04	<0.29	<0.56	<0.57	<0.64	<0.51	<0.66	<0.2	<0.39	<0.21	<0.31	0.3	<0.29	<0.19	<0.3	<0.6	<0.32	<0.16	<0.27	<0.25
	05/10/05	<0.26	<0.3	<0.52	<0.79	<0.32	<0.83	<0.36	<0.61	<0.25	<0.34	<0.91	<0.27	<0.56	<0.5	<0.85	<0.56	<0.42	<0.37	<0.78
MW-10	8/23/04	<0.29	<0.56	<0.57	<0.64	<0.51	<0.66	<0.2	<0.39	<0.21	<0.31	<0.3	<0.29	<0.19	<0.3	<0.6	<0.32	<0.16	<0.27	<0.25
	05/10/05	<0.26	<0.3	<0.52	<0.79	<0.32	<0.83	<0.36	<0.61	<0.25	<0.34	<0.91	<0.27	<0.56	<0.5	<0.85	<0.56	<0.42	<0.37	<0.78
Preventive Action Limit (PAL)		0.5	140	200	1000	96		12	---	---	---	85	7	---	---	8	---	40	0.5	0.6
Enforcement Standard (ES)		5	700	1000	10000	480		60				850	70			40		200	5	6

Outlined & Bold = PAL exceedance Bold, *Italics* & Outlined = ES exceedance J = Analyte detected between LOD and LOQ March 7, 2006

Table 2.1
Groundwater Sample Analytical Results ~ Volatile Organic Compounds (VOC)
Novak Property (Lime Pit) ~ West Allis, Wisconsin
Contaminants shown in µg/l (micrograms per liter)

Sample ID	Sample Date	Benzene	Ethyl benzene	Toluene	Xylenes	1,2,4 TMB	1,3,5 TMB	MTBE	n-Butyl benzene	sec-Butyl benzene	tert-Butyl Benzene	1,1 DCA	cis-1,2 DCE	Isopropyl benzene	p-Isopropyl toluene	Naph thalene	n-Propyl benzene	1,1,1 TCA	TCE	Chloro form
MW-11	8/23/04	<0.29	<0.56	<0.57	<0.64	<0.51	<0.66	<0.2	<0.39	<0.21	<0.31	<0.3	<0.29	<0.19	<0.3	<0.6	<0.32	<0.16	<0.27	**1.78^{J}**
	05/10/05	<0.26	<0.3	<0.52	<0.79	<0.32	<0.83	<0.36	<0.61	<0.25	<0.34	<0.91	<0.27	<0.56	<0.5	<0.85	<0.56	<0.42	<0.37	<0.78
MW-11 duplicate	05/10/05	<0.26	<0.3	<0.52	<0.79	<0.32	<0.83	<0.36	<0.61	<0.25	<0.34	<0.91	<0.27	<0.56	<0.5	<0.85	<0.56	<0.42	<0.37	**1.73^{J}**
MW-12	8/23/04	**1.8**	<0.56	0.59^{J}	<0.64	<0.51	<0.66	<0.2	<0.39	<0.21	<0.31	<0.3	<0.29	<0.19	<0.3	**21**	<0.32	<0.16	0.32^{J}	<0.25
	05/10/05	**1.8**	<0.3	<0.52	<0.79	<0.32	<0.83	<0.36	<0.61	<0.25	<0.34	<0.91	<0.27	<0.56	<0.5	**16**	<0.56	<0.42	<0.37	<0.78
MW-13	8/23/04	<0.29	<0.56	<0.57	<0.64	<0.51	<0.66	<0.2	<0.39	<0.21	<0.31	<0.3	<0.29	<0.19	<0.3	0.62^{J}	<0.32	3.3	<0.27	<0.25
	05/10/05	<0.26	<0.3	<0.52	<0.79	<0.32	<0.83	<0.36	<0.61	<0.25	<0.34	<0.91	<0.27	<0.56	<0.5	<0.85	<0.56	6.2	<0.37	<0.78
MW-14	8/23/04	**1.2**	3.2	5.3	12.3	7.8	2.05^{J}	<0.2	0.49^{J}	0.53^{J}	<0.31	<0.3	<0.29	1	0.44^{J}	**17**	1.4	<0.16	<0.27	<0.25
	05/10/05	**1.2**	5.6	6	19.4	13	3	<0.36	0.72^{J}	0.91	<0.34	<0.91	<0.27	1.9	0.79^{J}	**28**	2.4	<0.42	<0.37	<0.78
Preventive Action Limit (PAL)		0.5	140	200	1000	96		12	---	---	---	85	7	---	---	8	---	40	0.5	0.6
Enforcement Standard (ES)		5	700	1000	10000	480		60				850	70			40		200	5	6

Note: MW-11: Chloroform 1.78^{J} Outlined & Bold = PAL exceedance Bold, *Italics* & Outlined = ES exceedance J = Analyte detected between LOD and LOQ March 7, 2006

Table 2.2
Groundwater Sample Analytical Results - Polynuclear Aromatic Hydrocarbons (PAH)
Novak Property (Lime Pit)
West Allis, Wisconsin
Contaminants shown in µg/l (Micrograms per liter)

Sample ID	Sample Date	Acenaph thene	Acenaph thylene	Anthra cene	Benzo(a) anthra cene	Benzo(a) pyrene	Benzo(b)-fluoran thene	Benzo (g,h,i) perylene	Benzo(k)-fluoran thene	Chrysene	Dibenzo (a,h) anthra cene	Fluoran thene	Fluorene	Indeno (1,2,3-cd) pyrene	1-Methyl-naph thalene	2-Methyl-naph thalene	Naph thalene	Phenan threne	Pyrene
MW-1	8/23/04	0.35	0.059	0.15	0.17	**0.17**	***0.29***	0.21	0.12	***0.22***	<0.037	0.55	0.29	<0.021	0.44	0.46	2.1	0.84	0.42
	5/10/05	0.075	<0.012	0.023^{J}	<0.012	<0.008	<0.009	<0.01	<0.009	<0.011	<0.009	0.022^{J}	0.064	<0.015	0.041^{J}	0.048^{J}	0.24	0.11	0.04^{J}
MW-2	8/23/04	0.60^{J}	0.50^{J}	1.7	6.4	***8.6***	***13***	6.8	3.7	***7.9***	<0.37	16	0.40^{J}	5.6	<0.26	<0.3	<0.26	3.2	13
	5/10/05	9.7	4.4	18	80	***96***	***127***	50	46	***86***	9.2	**219**	5.8	56	<1.8	<2.1	<2.8	40	**164**
MW-3	8/23/04	<0.032	0.023^{J}	0.033^{J}	0.10	**0.14**	***0.24***	0.34	0.068^{J}	**0.14**	<0.037	0.28	0.019^{J}	<0.021	0.027^{J}	0.059^{J}	0.063^{J}	0.13^{J}	0.34
	5/10/05	<0.016	<0.012	<0.013	0.023^{J}	0.017^{J}	**0.027^{J}**	0.023^{J}	0.026^{J}	0.017^{J}	<0.009	0.035	<0.015	<0.015	<0.018	<0.021	<0.028	0.013^{J}	0.027^{J}
MW-4	8/23/04	1.3	0.11	0.45	0.14	**0.12**	**0.19**	0.12	0.064^{J}	**0.16**	<0.037	0.65	1.0	<0.021	0.76	0.90	5.0	2.2	0.53
	5/10/05	0.52	0.036^{J}	0.15	0.023^{J}	<0.008	0.013^{J}	<0.01	<0.009	0.015^{J}	<0.009	0.18	0.36	<0.015	0.31	0.32	2.0	0.67	0.11
MW-5	8/23/04	2.2	0.40^{J}	0.53^{J}	<0.31	<0.08	**0.13^{J}**	<0.16	<0.24	**0.15^{J}**	<0.37	0.68^{J}	2.1	<0.21	2.2	3.2	**33**	3.0	0.49^{J}
	5/10/05	1.7	0.28	0.43	0.027^{J}	<0.008	0.013^{J}	<0.01	<0.009	0.017^{J}	<0.009	0.34	1.7	<0.015	2.1	2.1	**28**	2.2	0.20
MW-6	8/23/04	2.7	0.23^{J}	1.1	0.17^{J}	**0.10^{J}**	**0.17**	<0.08	<0.12	**0.17**	<0.185	0.93	2.5	<0.105	2.0	1.7	**12**	3.9	0.54
	5/10/05	2.0	0.18	0.88	0.58	***0.47***	***0.67***	0.26	0.25	***0.61***	0.053	2.1	2.0	0.28	0.98	1.0	**8.2**	3.3	1.4
MW-7	8/23/04	<0.032	<0.015	<0.023	<0.031	0.016^{J}	**0.029**	0.041^{J}	<0.024	**0.023^{J}**	<0.037	0.046^{J}	<0.015	<0.021	0.070^{J}	<0.03	0.029^{J}	<0.045	0.074
	5/10/05	<0.016	<0.012	<0.013	0.018^{J}	0.010^{J}	0.016^{J}	<0.01	<0.009	0.013^{J}	<0.009	0.029^{J}	<0.015	<0.015	<0.018	<0.021	<0.028	0.017^{J}	0.023^{J}
PAL		---	---	600	---	0.02	0.02	---	---	0.02	---	80	80	---	---	---	8	---	50
ES		---	---	3,000	---	0.2	0.2	---	---	0.2	---	400	400	---	---	---	40	---	250

Outlined = Concentration above PAL only Italics & Outlined = Concentration above ES - - - = Not Established J = Analyte detected between LOD and LOQ March 7, 2006

Table 2.2
Groundwater Sample Analytical Results - Polynuclear Aromatic Hydrocarbons (PAH)
Novak Property (Lime Pit)
West Allis, Wisconsin
Contaminants shown in µg/l (Micrograms per liter)

Sample ID	Sample Date	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)-fluoranthene	Benzo(g,h,i)perylene	Benzo(k)-fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Phenanthrene	Pyrene
MW-8	8/23/04	<0.032	<0.015	<0.023	<0.031	0.011[J]	**0.023[J]**	<0.016	<0.024	0.014[J]	<0.037	<0.024	<0.015	<0.021	<0.026	<0.03	<0.026	<0.045	<0.023
	5/10/05	<0.016	0.014[J]	0.014[J]	0.041	**0.037**	**0.064**	0.045	0.023[J]	***0.54***	<0.009	0.11	<0.015	0.025[J]	<0.018	<0.021	0.030[J]	0.038	0.10
MW-9	8/23/04	<0.032	0.085	0.088	0.38	***0.57***	***0.96***	0.88	0.32	***0.52***	<0.037	0.83	0.027[J]	0.56	<0.026	0.037[J]	0.035[J]	0.26	0.83
	5/10/05	<0.016	0.019[J]	0.029[J]	0.091	**0.11**	**0.18**	0.11	0.072	**0.11**	0.013[J]	0.19	<0.015	0.083	<0.018	<0.021	<0.028	0.055	0.16
MW-10	8/23/04	<0.032	<0.015	<0.023	<0.031	<0.008	0.010[J]	0.039[J]	<0.024	0.008[J]	<0.037	0.094	<0.015	<0.021	<0.026	<0.03	<0.026	<0.045	0.14
	5/10/05	<0.016	<0.012	<0.013	0.023[J]	0.017[J]	**0.030**	0.041	0.010[J]	0.018[J]	<0.009	0.038	<0.015	<0.015	<0.018	<0.021	<0.028	<0.011	0.034
MW-11	8/23/04	<0.032	<0.015	<0.023	<0.031	0.011[J]	**0.020[J]**	<0.016	<0.024	0.016[J]	<0.037	0.12	<0.015	<0.021	<0.026	<0.03	<0.026	<0.045	0.20
	5/10/05	<0.016	<0.012	<0.013	0.014[J]	0.009[J]	0.016[J]	0.059	<0.009	<0.011	<0.009	0.026[J]	<0.015	<0.015	<0.018	<0.021	<0.028	<0.011	0.038
MW-12	8/23/04	1.6	0.31	0.39	<0.16	<0.04	**0.065[J]**	<0.08	<0.12	**0.071[J]**	<0.19	0.66	1.6	<0.11	1.1	1.4	**10**	2.4	0.54
	5/10/05	2.3	0.32	0.42	0.037	**0.023[J]**	**0.037**	0.045	0.016[J]	**0.042**	<0.009	0.50	2.2	0.016[J]	1.5	1.5	**9.4**	2.7	0.30
MW-13	8/23/04	<0.032	0.017[J]	0.029[J]	0.14	**0.16**	***0.32***	0.28	0.11	***0.20***	<0.037	0.50	0.022[J]	<0.021	<0.026	<0.03	0.059[J]	0.13[J]	0.67
	5/10/05	<0.016	<0.012	<0.013	0.015[J]	0.012[J]	0.018[J]	0052	0.010[J]	<0.011	<0.009	0.019[J]	<0.015	<0.015	<0.018	<0.021	<0.028	<0.011	0.017[J]
MW-14	8/23/04	1.7	0.088[J]	0.51	<0.16	<0.04	<0.045	<0.08	<0.12	**0.048[J]**	<0.19	0.47	1.2	<0.105	4.0	6.2	**14**	2.0	0.30[J]
	5/10/05	1.6	0.075	0.41	0.028[J]	0.016[J]	**0.030**	0.042	0.012[J]	**0.028[J]**	<0.009	0.31	1.0	<0.015	4.2	7.4	**15**	1.3	0.017
PAL		---	---	600	---	0.02	0.02	---	---	0.02	---	80	80	---	---	---	8	---	50
ES		---	---	3,000	---	0.2	0.2	---	---	0.2	---	400	400	---	---	---	40	---	250

Outlined = Concentration above PAL only Italics & Outlined = Concentration above ES - - - = Not Established J = Analyte detected between LOD and LOQ March 7, 2006

Table 2.3
Groundwater Sample Analytical Results - RCRA Metals
Novak Property (Lime Pit)
West Allis, Wisconsin
Contaminants shown in μg/l (Micrograms per liter)

Sample ID	Sample Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
MW-4	5/10/05	<7.4	250	**0.9[J]**	**10**	<4.115	**0.2[J]**	**21**	<3
MW-8	5/10/05	<7.4	96	<0.7	3.3[J]	**4.4[J]**	<0.066	<7.2	<3
MW-11	5/10/05	<7.4	120	<0.7	5.7[J]	<4.1	<0.066	<7.2	<3
MW-14	5/10/05	<7.4	360	**3.1**	**12**	**5.1[J]**	**0.48**	**21**	**21**
Preventative Action Limit		5	400	0.5	10	1.5	0.2	10	10
Enforcement Standard		50	2,000	5	100	15	2	50	50

J = Analyte detected between LOD and LOQ Outlined & Bolded = concentration above PAL

Italics and Outlined = concentration above ES

May 27, 2005

Table 2.4
Groundwater Elevation and Well Elevation Measurements
Novak Property (Lime Pit) ~ West Allis, Wisconsin
(Recorded in Feet)

Well ID	Date	Top of Casing Elevation	Depth to Water from Top of Casing	Groundwater Elevation
MW-1	08/23/04	731.52	10.16	721.36
	05/10/05		9.53	721.99
MW-2	08/23/04	730.83	8.36	722.47
	05/10/05		7.50	723.33
MW-3	08/23/04	725.15	15.16	709.99
	05/10/05		6.45	718.70
MW-4	08/23/04	723.94	10.47	713.47
	05/10/05		9.51	714.43
MW-5	08/23/04	723.89	12.19	711.70
	05/10/05		12.29	711.60
MW-6	08/23/04	724.84	10.77	714.07
	05/10/05		10.77	714.07
MW-7	08/23/04	726.73	9.08	717.65
	05/10/05		9.43	717.30
MW-8	08/23/04	721.70	1.80	719.90
	05/10/05		0.58	721.12
MW-9	08/23/04	724.95	7.48	717.47
	05/10/05		6.65	718.30
MW-10	08/23/04	727.07	9.70	717.37
	05/10/05		4.36	722.71
MW-11	08/23/04	728.65	8.53	720.12
	05/10/05		8.32	720.33

March 8, 2006

Table 2.4
Groundwater Elevation and Well Elevation Measurements
Novak Property (Lime Pit) ~ West Allis, Wisconsin
(Recorded in Feet)

Well ID	Date	Top of Casing Elevation	Depth to Water from Top of Casing	Groundwater Elevation
MW-12	08/23/04	723.63	15.27	708.36
	05/10/05		15.57	708.06
MW-13	08/23/04	727.44	8.78	718.66
	05/10/05		7.71	719.73
MW-14	08/23/04	725.75	9.50	716.25
	05/10/05		8.35	717.40

March 8, 2006

APPENDIX A

LABORATORY ANALYTICAL RESULTS

(Please Print Legibly)

Company Name: TEMCO

Branch or Location: CEDARBURG

Project Contact: JEFF HOSLER

Telephone: 262-675-6206

Project Number:

Project Name: COWA-NOVAK SITE

Project State: WI

Sampled By (Print): JEFF HOSLER

EN CHEM INC.

1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
FAX 920-469-8827

525 Science Drive
Madison, WI 53711
608-232-3300
FAX: 608-233-0502

CHAIN OF CUSTODY

80355

Page 1 of 2

P.O. # Quote #

Mail Report To: JEFF HOSLER

Company: TEMCO

Address: P.O. BOX 856
CEDARBURG WI 53012

Invoice To: SAME

Company:

Address:

Mail Invoice To: TEMCO

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH
H = Sodium Bisulfate Solution I = Other

Data Package Options
(please circle if requested)
Results Only
EnChem Level III (Subject to Surcharge)
EnChem Level IV (Subject to Surcharge)

Regulatory Program: UST, RCRA, SDWA, NPDES, CERCLA

Matrix Codes: W=Water, S=Soil, A=Air, C=Charcoal, B=Biota, Sl=Sludge

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	ANALYSES REQUESTED: VOC (8260)	PAH (8270)	RCRA METALS					TOTAL # OF BOTTLES SENT	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
	FILTERED? (YES/NO)				NO	NO	NO							
	PRESERVATION (CODE)*				F	A	A							
Sol0727A	SB-11 0-4	5/27		S	✓	✓						3		
B	SB-12 0-4				✓	✓	✓					4		
C	SB-13 0-3				✓	✓						3		
D	SB-14 0-4				✓	✓						3		
E	SB-15 0-4				✓	✓						3		
F	SB-16 0-4					✓						2		
G	SB-17 0-4					✓						2		
H	SB-18 0-4				✓	✓						3		
I	SB-18 4-8				✓	✓	✓					4	Report as SB-18 (4-7.5 per JH)	
J	SB-19 0-4				✓	✓						3		
K	SB-20 0-4				✓	✓						3		
L	SB-21 0-3					✓						2		

Rush Turnaround Time Requested (TAT) - Prelim
(Rush TAT subject to approval/surcharge)
Date Needed:
Transmit Prelim Rush Results by (circle):
Phone Fax E-Mail
Phone #:
Fax #:
E-Mail Address:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
J. Horler	5/28/04		5/28 4:30
			5/29 15:00

En Chem Project No.

Sample Receipt Temp.

Sample Receipt pH (Wet/Metals)

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

(Please Print Legibly)

Company Name:

Branch or Location:

Project Contact:

Telephone:

Project Number:

Project Name: COWA-HOVAK SITE

Project State:

Sampled By (Print):

EN CHEM INC.

☐ 1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
FAX 920-469-8827

☐ 525 Science Drive
Madison, WI 53711
608-232-3300
FAX: 608-233-0502

CHAIN OF CUSTODY

80353

Page 2 of 2

P.O. # ______ Quote # ______

Mail Report To:

Company:

Address:

Invoice To:

Company:

Address:

Mail Invoice To:

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH
H = Sodium Bisulfate Solution I = Other

FILTERED? (YES/NO): NO / NO / NO

PRESERVATION (CODE)*: F / A / A

Data Package Options
(please circle if requested)
Results Only
EnChem Level III (Subject to Surcharge)
EnChem Level IV (Subject to Surcharge)

Regulatory Program	Matrix Codes
UST	W=Water
RCRA	S=Soil
SDWA	A=Air
NPDES	C=Charcoal
CERCLA	B=Biota
	Sl=Sludge

ANALYSES REQUESTED

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	VOC (8260)	PAH (8270)	RCRA METALS					TOTAL # OF BOTTLES SENT	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
S010727M	SB-22 4-8	5/21		S	✓	✓	✓					4		[illegible] SB2 65-75 7-8 per JH 6/1
N	SB-23 0-4	|		|		✓						2		
O	SB-24 3-4	|		|	✓	✓						3		
P	SB-25 0-4	|		|		✓						2		

Rush Turnaround Time Requested (TAT) - Prelim
(Rush TAT subject to approval/surcharge)
Date Needed:
Transmit Prelim Rush Results by (circle):
Phone Fax E-Mail
Phone #:
Fax #:
E-Mail Address:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	5/28/04	[signature]	5/27 WSO
		[signature]	5/29 1500

En Chem Project No.

Sample Receipt Temp.

Sample Receipt pH (Wet/Metals)

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Synergy Environmental Lab, LLC

500 W Franklin St, Appleton, WI 54911 * 920-830-2455 * FAX 920-733-0631

JEFF HOSLER
TEMCO
2088 WASHINGTON AVENUE
CEDARBURG. WI 53012

Report Date *15-Jun-04*

Project Name COWA-NOVAK SITE **Invoice #** E10727
Project #

Lab Code 5010727A
Sample ID SB-11 0-4
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	83.5	%			1	5021	6/2/2004	CJR	1
Organic									
PAH's									
Acenaphthene	7400 "J"	ug/kg	2800	8900	100	8270C	6/3/2004	MJR	1
Acenaphthylene	< 3200	ug/kg	3200	10000	100	8270C	6/3/2004	MJR	1
Anthracene	17000	ug/kg	4600	15000	100	8270C	6/3/2004	MJR	1
Benzo(a)anthracene	32000	ug/kg	3300	11000	100	8270C	6/3/2004	MJR	1
Benzo(a)pyrene	26000	ug/kg	4300	14000	100	8270C	6/3/2004	MJR	1
Benzo(b)fluoranthene	31000	ug/kg	4200	13000	100	8270C	6/3/2004	MJR	1
Benzo(g,h,i)perylene	15000	ug/kg	3200	10000	100	8270C	6/3/2004	MJR	1
Benzo(k)fluoranthene	14000	ug/kg	4500	14000	100	8270C	6/3/2004	MJR	1
Chrysene	30000	ug/kg	4600	15000	100	8270C	6/3/2004	MJR	1
Dibenzo(a,h)anthracene	< 4700	ug/kg	4700	15000	100	8270C	6/3/2004	MJR	1
Fluoranthene	76000	ug/kg	3000	9500	100	8270C	6/3/2004	MJR	1
Fluorene	8700 "J"	ug/kg	3200	10000	100	8270C	6/3/2004	MJR	1
Indeno(1,2,3-cd)pyrene	14000 "J"	ug/kg	5600	18000	100	8270C	6/3/2004	MJR	1
1-Methyl naphthalene	< 4700	ug/kg	4700	15000	100	8270C	6/3/2004	MJR	1
2-Methyl naphthalene	< 2200	ug/kg	2200	7000	100	8270C	6/3/2004	MJR	1
Naphthalene	< 3900	ug/kg	3900	12000	100	8270C	6/3/2004	MJR	1
Phenanthrene	54000	ug/kg	3600	12000	100	8270C	6/3/2004	MJR	1
Pyrene	69000	ug/kg	3900	12000	100	8270C	6/3/2004	MJR	1
VOC's									
Benzene	< 25	ug/kg	4.8	15	1	8260B	6/4/2004	CJR	1
Bromobenzene	< 25	ug/kg	12	39	1	8260B	6/4/2004	CJR	1
Bromodichloromethane	< 25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
Bromoform	< 25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
tert-Butylbenzene	< 25	ug/kg	13	42	1	8260B	6/4/2004	CJR	1
sec-Butylbenzene	< 25	ug/kg	5.1	16	1	8260B	6/4/2004	CJR	1

Project Name COWA-NOVAK SITE **Invoice #** E10727
Project #

Lab Code 5010727A
Sample ID SB-11 0-4
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
n-Butylbenzene	< 25	ug/kg	5.8	19	1	8260B	6/4/2004	CJR	1
Carbon Tetrachloride	< 25	ug/kg	14	44	1	8260B	6/4/2004	CJR	1
Chlorobenzene	< 25	ug/kg	6.2	20	1	8260B	6/4/2004	CJR	1
Chloroethane	< 25	ug/kg	8.9	28	1	8260B	6/4/2004	CJR	1
Chloroform	< 25	ug/kg	8.7	28	1	8260B	6/4/2004	CJR	1
Chloromethane	< 25	ug/kg	9.7	31	1	8260B	6/4/2004	CJR	1
2-Chlorotoluene	< 25	ug/kg	5.1	16	1	8260B	6/4/2004	CJR	1
4-Chlorotoluene	< 25	ug/kg	3.4	11	1	8260B	6/4/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	17	52	1	8260B	6/4/2004	CJR	1
Dibromochloromethane	< 25	ug/kg	5.5	18	1	8260B	6/4/2004	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	6/4/2004	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	6/4/2004	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	10	33	1	8260B	6/4/2004	CJR	1
1,2-Dichloroethane	< 25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.8	28	1	8260B	6/4/2004	CJR	1
1,1-Dichloroethene	< 25	ug/kg	6.2	20	1	8260B	6/4/2004	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	14	44	1	8260B	6/4/2004	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	15	46	1	8260B	6/4/2004	CJR	1
1,2-Dichloropropane	< 25	ug/kg	10	32	1	8260B	6/4/2004	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	34	1	8260B	6/4/2004	CJR	3 4
1,3-Dichloropropane	< 25	ug/kg	7.1	23	1	8260B	6/4/2004	CJR	1
Di-isopropyl ether	< 25	ug/kg	4.1	13	1	8260B	6/4/2004	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
Ethylbenzene	< 25	ug/kg	3.6	11	1	8260B	6/4/2004	CJR	1
Hexachlorobutadiene	< 25	ug/kg	23	73	1	8260B	6/4/2004	CJR	1
Isopropylbenzene	< 25	ug/kg	6.7	21	1	8260B	6/4/2004	CJR	1
p-Isopropyltoluene	< 25	ug/kg	8	26	1	8260B	6/4/2004	CJR	1
Methylene chloride	< 25	ug/kg	24	77	1	8260B	6/4/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	4.1	13	1	8260B	6/4/2004	CJR	1
Naphthalene	1330	ug/kg	17	53	1	8260B	6/4/2004	CJR	1
n-Propylbenzene	< 25	ug/kg	8.1	26	1	8260B	6/4/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	11	36	1	8260B	6/4/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 25	ug/kg	16	51	1	8260B	6/4/2004	CJR	1
Tetrachloroethene	< 25	ug/kg	8.7	28	1	8260B	6/4/2004	CJR	1
Toluene	< 25	ug/kg	4.3	14	1	8260B	6/4/2004	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	20	65	1	8260B	6/4/2004	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	14	46	1	8260B	6/4/2004	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	6	19	1	8260B	6/4/2004	CJR	1
Trichlorofluoromethane	< 25	ug/kg	13	42	1	8260B	6/4/2004	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.8	12	1	8260B	6/4/2004	CJR	1
Vinyl Chloride	< 25	ug/kg	6.1	19	1	8260B	6/4/2004	CJR	1
m&p-Xylene	< 50	ug/kg	10	33	1	8260B	6/4/2004	CJR	1
o-Xylene	< 25	ug/kg	6.1	20	1	8260B	6/4/2004	CJR	1

Project Name COWA-NOVAK SITE **Invoice #** E10727
Project #

Lab Code 5010727B
Sample ID SB-12 0-4
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	85.8	%			1	5021	6/2/2004	CJR	1
Inorganic									
Metals									
Arsenic, Total	4.0	mg/kg	0.5		1	EPA 6010B	6/10/2004	ESC	1
Barium, Total	42	mg/kg	0.25		1	EPA 6010B	6/8/2004	ESC	1
Cadmium, Total	0.67	mg/kg	0.25		1	EPA 6010B	6/8/2004	ESC	1
Chromium, Total	10.0	mg/kg	0.5		1	EPA 6010B	6/8/2004	ESC	1
Lead, Total	19	mg/kg	0.25		1	EPA 6010B	6/8/2004	ESC	1
Mercury, Total	0.031	mg/kg	0.02		1	7471	6/9/2004	ESC	1
Selenium, Total	< 0.5	mg/kg	0.5		1	EPA 6010B	6/10/2004	ESC	1
Silver, Total	< 0.25	mg/kg	0.25		1	EPA 6010B	6/10/2004	ESC	1
Organic									
PAH's									
Acenaphthene	18000	ug/kg	2800	8900	100	8270C	6/3/2004	MJR	1
Acenaphthylene	4000 "J"	ug/kg	3200	10000	100	8270C	6/3/2004	MJR	1
Anthracene	66000	ug/kg	4600	15000	100	8270C	6/3/2004	MJR	1
Benzo(a)anthracene	99000	ug/kg	3300	11000	100	8270C	6/3/2004	MJR	1
Benzo(a)pyrene	80000	ug/kg	4300	14000	100	8270C	6/3/2004	MJR	1
Benzo(b)fluoranthene	94000	ug/kg	4200	13000	100	8270C	6/3/2004	MJR	1
Benzo(g,h,i)perylene	43000	ug/kg	3200	10000	100	8270C	6/3/2004	MJR	1
Benzo(k)fluoranthene	41000	ug/kg	4500	14000	100	8270C	6/3/2004	MJR	1
Chrysene	90000	ug/kg	4600	15000	100	8270C	6/3/2004	MJR	1
Dibenzo(a,h)anthracene	13000 "J"	ug/kg	4700	15000	100	8270C	6/3/2004	MJR	1
Fluoranthene	180000	ug/kg	3000	9500	100	8270C	6/3/2004	MJR	1
Fluorene	29000	ug/kg	3200	10000	100	8270C	6/3/2004	MJR	1
Indeno(1,2,3-cd)pyrene	40000	ug/kg	5600	18000	100	8270C	6/3/2004	MJR	1
1-Methyl naphthalene	< 4700	ug/kg	4700	15000	100	8270C	6/3/2004	MJR	1
2-Methyl naphthalene	< 2200	ug/kg	2200	7000	100	8270C	6/3/2004	MJR	1
Naphthalene	< 3900	ug/kg	3900	12000	100	8270C	6/3/2004	MJR	1
Phenanthrene	140000	ug/kg	3600	12000	100	8270C	6/3/2004	MJR	1
Pyrene	170000	ug/kg	3900	12000	100	8270C	6/3/2004	MJR	1
VOC's									
Benzene	< 25	ug/kg	4.8	15	1	8260B	6/4/2004	CJR	1
Bromobenzene	< 25	ug/kg	12	39	1	8260B	6/4/2004	CJR	1
Bromodichloromethane	< 25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
Bromoform	< 25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
tert-Butylbenzene	< 25	ug/kg	13	42	1	8260B	6/4/2004	CJR	1
sec-Butylbenzene	< 25	ug/kg	5.1	16	1	8260B	6/4/2004	CJR	1
n-Butylbenzene	< 25	ug/kg	5.8	19	1	8260B	6/4/2004	CJR	1
Carbon Tetrachloride	< 25	ug/kg	14	44	1	8260B	6/4/2004	CJR	1
Chlorobenzene	< 25	ug/kg	6.2	20	1	8260B	6/4/2004	CJR	1
Chloroethane	< 25	ug/kg	8.9	28	1	8260B	6/4/2004	CJR	1
Chloroform	< 25	ug/kg	8.7	28	1	8260B	6/4/2004	CJR	1
Chloromethane	< 25	ug/kg	9.7	31	1	8260B	6/4/2004	CJR	1
2-Chlorotoluene	< 25	ug/kg	5.1	16	1	8260B	6/4/2004	CJR	1
4-Chlorotoluene	< 25	ug/kg	3.4	11	1	8260B	6/4/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	17	52	1	8260B	6/4/2004	CJR	1
Dibromochloromethane	< 25	ug/kg	5.5	18	1	8260B	6/4/2004	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	6/4/2004	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	6/4/2004	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	10	33	1	8260B	6/4/2004	CJR	1

Project Name COWA-NOVAK SITE **Invoice #** E10727
Project #

Lab Code 5010727B
Sample ID SB-12 0-4
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
1,2-Dichloroethane	< 25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.8	28	1	8260B	6/4/2004	CJR	1
1,1-Dichloroethene	< 25	ug/kg	6.2	20	1	8260B	6/4/2004	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	14	44	1	8260B	6/4/2004	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	15	46	1	8260B	6/4/2004	CJR	1
1,2-Dichloropropane	< 25	ug/kg	10	32	1	8260B	6/4/2004	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	34	1	8260B	6/4/2004	CJR	3 4
1,3-Dichloropropane	< 25	ug/kg	7.1	23	1	8260B	6/4/2004	CJR	1
Di-isopropyl ether	< 25	ug/kg	4.1	13	1	8260B	6/4/2004	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
Ethylbenzene	< 25	ug/kg	3.6	11	1	8260B	6/4/2004	CJR	1
Hexachlorobutadiene	< 25	ug/kg	23	73	1	8260B	6/4/2004	CJR	1
Isopropylbenzene	< 25	ug/kg	6.7	21	1	8260B	6/4/2004	CJR	1
p-Isopropyltoluene	< 25	ug/kg	8	26	1	8260B	6/4/2004	CJR	1
Methylene chloride	< 25	ug/kg	24	77	1	8260B	6/4/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	4.1	13	1	8260B	6/4/2004	CJR	1
Naphthalene	1330	ug/kg	17	53	1	8260B	6/4/2004	CJR	1
n-Propylbenzene	< 25	ug/kg	8.1	26	1	8260B	6/4/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	11	36	1	8260B	6/4/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 25	ug/kg	16	51	1	8260B	6/4/2004	CJR	1
Tetrachloroethene	< 25	ug/kg	8.7	28	1	8260B	6/4/2004	CJR	1
Toluene	< 25	ug/kg	4.3	14	1	8260B	6/4/2004	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	20	65	1	8260B	6/4/2004	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	14	46	1	8260B	6/4/2004	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	6	19	1	8260B	6/4/2004	CJR	1
Trichlorofluoromethane	< 25	ug/kg	13	42	1	8260B	6/4/2004	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.8	12	1	8260B	6/4/2004	CJR	1
Vinyl Chloride	< 25	ug/kg	6.1	19	1	8260B	6/4/2004	CJR	1
m&p-Xylene	< 50	ug/kg	10	33	1	8260B	6/4/2004	CJR	1
o-Xylene	< 25	ug/kg	6.1	20	1	8260B	6/4/2004	CJR	1

Lab Code 5010727C
Sample ID SB-13 0-3
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	90.4	%			1	5021	6/2/2004	CJR	1
Organic									
PAH's									
Acenaphthene	6900	ug/kg	1400	4450	50	8270C	6/3/2004	MJR	1
Acenaphthylene	3600 "J"	ug/kg	1600	5000	50	8270C	6/3/2004	MJR	1
Anthracene	23000	ug/kg	2300	7500	50	8270C	6/3/2004	MJR	1
Benzo(a)anthracene	41000	ug/kg	1650	5500	50	8270C	6/3/2004	MJR	1
Benzo(a)pyrene	35000	ug/kg	2150	7000	50	8270C	6/3/2004	MJR	1
Benzo(b)fluoranthene	49000	ug/kg	2100	6500	50	8270C	6/3/2004	MJR	1
Benzo(g,h,i)perylene	17000	ug/kg	1600	5000	50	8270C	6/3/2004	MJR	1
Benzo(k)fluoranthene	19000	ug/kg	2250	7000	50	8270C	6/3/2004	MJR	1
Chrysene	40000	ug/kg	2300	7500	50	8270C	6/3/2004	MJR	1
Dibenzo(a,h)anthracene	5600 "J"	ug/kg	2350	7500	50	8270C	6/3/2004	MJR	1

Project Name COWA-NOVAK SITE **Invoice #** E10727
Project #

Lab Code 5010727C
Sample ID SB-13 0-3
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Fluoranthene	69000	ug/kg	1500	4750	50	8270C	6/3/2004	MJR	1
Fluorene	8100	ug/kg	1600	5000	50	8270C	6/3/2004	MJR	1
Indeno(1,2,3-cd)pyrene	17000	ug/kg	2800	9000	50	8270C	6/3/2004	MJR	1
1-Methyl naphthalene	< 2350	ug/kg	2350	7500	50	8270C	6/3/2004	MJR	1
2-Methyl naphthalene	< 1100	ug/kg	1100	3500	50	8270C	6/3/2004	MJR	1
Naphthalene	< 1950	ug/kg	1950	6000	50	8270C	6/3/2004	MJR	1
Phenanthrene	53000	ug/kg	1800	6000	50	8270C	6/3/2004	MJR	1
Pyrene	71000	ug/kg	1950	6000	50	8270C	6/3/2004	MJR	1
VOC's									
Benzene	< 25	ug/kg	4.8	15	1	8260B	6/4/2004	CJR	1
Bromobenzene	< 25	ug/kg	12	39	1	8260B	6/4/2004	CJR	1
Bromodichloromethane	< 25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
Bromoform	< 25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
tert-Butylbenzene	< 25	ug/kg	13	42	1	8260B	6/4/2004	CJR	1
sec-Butylbenzene	< 25	ug/kg	5.1	16	1	8260B	6/4/2004	CJR	1
n-Butylbenzene	< 25	ug/kg	5.8	19	1	8260B	6/4/2004	CJR	1
Carbon Tetrachloride	< 25	ug/kg	14	44	1	8260B	6/4/2004	CJR	1
Chlorobenzene	< 25	ug/kg	6.2	20	1	8260B	6/4/2004	CJR	1
Chloroethane	< 25	ug/kg	8.9	28	1	8260B	6/4/2004	CJR	1
Chloroform	< 25	ug/kg	8.7	28	1	8260B	6/4/2004	CJR	1
Chloromethane	< 25	ug/kg	9.7	31	1	8260B	6/4/2004	CJR	1
2-Chlorotoluene	< 25	ug/kg	5.1	16	1	8260B	6/4/2004	CJR	1
4-Chlorotoluene	< 25	ug/kg	3.4	11	1	8260B	6/4/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	17	52	1	8260B	6/4/2004	CJR	1
Dibromochloromethane	< 25	ug/kg	5.5	18	1	8260B	6/4/2004	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	6/4/2004	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	6/4/2004	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	10	33	1	8260B	6/4/2004	CJR	1
1,2-Dichloroethane	< 25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.8	28	1	8260B	6/4/2004	CJR	1
1,1-Dichloroethene	< 25	ug/kg	6.2	20	1	8260B	6/4/2004	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	14	44	1	8260B	6/4/2004	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	15	46	1	8260B	6/4/2004	CJR	1
1,2-Dichloropropane	< 25	ug/kg	10	32	1	8260B	6/4/2004	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	34	1	8260B	6/4/2004	CJR	3 4
1,3-Dichloropropane	< 25	ug/kg	7.1	23	1	8260B	6/4/2004	CJR	1
Di-isopropyl ether	< 25	ug/kg	4.1	13	1	8260B	6/4/2004	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
Ethylbenzene	< 25	ug/kg	3.6	11	1	8260B	6/4/2004	CJR	1
Hexachlorobutadiene	< 25	ug/kg	23	73	1	8260B	6/4/2004	CJR	1
Isopropylbenzene	< 25	ug/kg	6.7	21	1	8260B	6/4/2004	CJR	1
p-Isopropyltoluene	< 25	ug/kg	8	26	1	8260B	6/4/2004	CJR	1
Methylene chloride	< 25	ug/kg	24	77	1	8260B	6/4/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	4.1	13	1	8260B	6/4/2004	CJR	1
Naphthalene	2460	ug/kg	17	53	1	8260B	6/4/2004	CJR	1
n-Propylbenzene	< 25	ug/kg	8.1	26	1	8260B	6/4/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	11	36	1	8260B	6/4/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 25	ug/kg	16	51	1	8260B	6/4/2004	CJR	1
Tetrachloroethene	< 25	ug/kg	8.7	28	1	8260B	6/4/2004	CJR	1
Toluene	< 25	ug/kg	4.3	14	1	8260B	6/4/2004	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	20	65	1	8260B	6/4/2004	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	14	46	1	8260B	6/4/2004	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	6	19	1	8260B	6/4/2004	CJR	1

Project Name COWA-NOVAK SITE **Invoice #** E10727
Project #

Lab Code 5010727C
Sample ID SB-13 0-3
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Trichlorofluoromethane	< 25	ug/kg	13	42	1	8260B	6/4/2004	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.8	12	1	8260B	6/4/2004	CJR	1
Vinyl Chloride	< 25	ug/kg	6.1	19	1	8260B	6/4/2004	CJR	1
m&p-Xylene	< 50	ug/kg	10	33	1	8260B	6/4/2004	CJR	1
o-Xylene	< 25	ug/kg	6.1	20	1	8260B	6/4/2004	CJR	1

Lab Code 5010727D
Sample ID SB-14 0-4
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	83.0	%			1	5021	6/2/2004	CJR	1
Organic									
PAH's									
Acenaphthene	< 28	ug/kg	28	89	1	8270C	6/2/2004	MJR	1
Acenaphthylene	35 "J"	ug/kg	32	100	1	8270C	6/2/2004	MJR	1
Anthracene	< 46	ug/kg	46	150	1	8270C	6/2/2004	MJR	1
Benzo(a)anthracene	92 "J"	ug/kg	33	110	1	8270C	6/2/2004	MJR	1
Benzo(a)pyrene	110 "J"	ug/kg	43	140	1	8270C	6/2/2004	MJR	1
Benzo(b)fluoranthene	170	ug/kg	42	130	1	8270C	6/2/2004	MJR	1
Benzo(g,h,i)perylene	< 32	ug/kg	32	100	1	8270C	6/2/2004	MJR	1
Benzo(k)fluoranthene	64 "J"	ug/kg	45	140	1	8270C	6/2/2004	MJR	1
Chrysene	110 "J"	ug/kg	46	150	1	8270C	6/2/2004	MJR	1
Dibenzo(a,h)anthracene	< 47	ug/kg	47	150	1	8270C	6/2/2004	MJR	1
Fluoranthene	200	ug/kg	30	95	1	8270C	6/2/2004	MJR	1
Fluorene	< 32	ug/kg	32	100	1	8270C	6/2/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 56	ug/kg	56	180	1	8270C	6/2/2004	MJR	1
1-Methyl naphthalene	< 47	ug/kg	47	150	1	8270C	6/2/2004	MJR	1
2-Methyl naphthalene	< 22	ug/kg	22	70	1	8270C	6/2/2004	MJR	1
Naphthalene	< 39	ug/kg	39	120	1	8270C	6/2/2004	MJR	1
Phenanthrene	130	ug/kg	36	120	1	8270C	6/2/2004	MJR	1
Pyrene	200	ug/kg	39	120	1	8270C	6/2/2004	MJR	1
VOC's									
Benzene	< 25	ug/kg	4.8	15	1	8260B	6/8/2004	CJR	1
Bromobenzene	< 25	ug/kg	12	39	1	8260B	6/8/2004	CJR	1
Bromodichloromethane	< 25	ug/kg	9.8	31	1	8260B	6/8/2004	CJR	1
Bromoform	< 25	ug/kg	9.8	31	1	8260B	6/8/2004	CJR	1
tert-Butylbenzene	< 25	ug/kg	13	42	1	8260B	6/8/2004	CJR	1
sec-Butylbenzene	< 25	ug/kg	5.1	16	1	8260B	6/8/2004	CJR	1
n-Butylbenzene	< 25	ug/kg	5.8	19	1	8260B	6/8/2004	CJR	1
Carbon Tetrachloride	< 25	ug/kg	14	44	1	8260B	6/8/2004	CJR	1
Chlorobenzene	< 25	ug/kg	6.2	20	1	8260B	6/8/2004	CJR	1
Chloroethane	< 25	ug/kg	8.9	28	1	8260B	6/8/2004	CJR	1
Chloroform	< 25	ug/kg	8.7	28	1	8260B	6/8/2004	CJR	1
Chloromethane	< 25	ug/kg	9.7	31	1	8260B	6/8/2004	CJR	1
2-Chlorotoluene	< 25	ug/kg	5.1	16	1	8260B	6/8/2004	CJR	1
4-Chlorotoluene	< 25	ug/kg	3.4	11	1	8260B	6/8/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	17	52	1	8260B	6/8/2004	CJR	1
Dibromochloromethane	< 25	ug/kg	5.5	18	1	8260B	6/8/2004	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	6/8/2004	CJR	1

Project Name COWA-NOVAK SITE **Invoice #** E10727
Project #

Lab Code 5010727D
Sample ID SB-14 0-4
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
1,3-Dichlorobenzene	< 25	ug/kg	12	37	1	8260B	6/8/2004	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	6/8/2004	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	10	33	1	8260B	6/8/2004	CJR	1
1,2-Dichloroethane	< 25	ug/kg	12	37	1	8260B	6/8/2004	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.8	28	1	8260B	6/8/2004	CJR	1
1,1-Dichloroethene	< 25	ug/kg	6.2	20	1	8260B	6/8/2004	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	14	44	1	8260B	6/8/2004	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	15	46	1	8260B	6/8/2004	CJR	1
1,2-Dichloropropane	< 25	ug/kg	10	32	1	8260B	6/8/2004	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	34	1	8260B	6/8/2004	CJR	3 4
1,3-Dichloropropane	< 25	ug/kg	7.1	23	1	8260B	6/8/2004	CJR	1
Di-isopropyl ether	< 25	ug/kg	4.1	13	1	8260B	6/8/2004	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	12	37	1	8260B	6/8/2004	CJR	1
Ethylbenzene	< 25	ug/kg	3.6	11	1	8260B	6/8/2004	CJR	1
Hexachlorobutadiene	< 25	ug/kg	23	73	1	8260B	6/8/2004	CJR	1
Isopropylbenzene	< 25	ug/kg	6.7	21	1	8260B	6/8/2004	CJR	1
p-Isopropyltoluene	< 25	ug/kg	8	26	1	8260B	6/8/2004	CJR	1
Methylene chloride	< 25	ug/kg	24	77	1	8260B	6/8/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	4.1	13	1	8260B	6/8/2004	CJR	1
Naphthalene	25 "J"	ug/kg	17	53	1	8260B	6/8/2004	CJR	1
n-Propylbenzene	< 25	ug/kg	8.1	26	1	8260B	6/8/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	11	36	1	8260B	6/8/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 25	ug/kg	16	51	1	8260B	6/8/2004	CJR	1
Tetrachloroethene	< 25	ug/kg	8.7	28	1	8260B	6/8/2004	CJR	1
Toluene	< 25	ug/kg	4.3	14	1	8260B	6/8/2004	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	9.8	31	1	8260B	6/8/2004	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	20	65	1	8260B	6/8/2004	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	12	37	1	8260B	6/8/2004	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	14	46	1	8260B	6/8/2004	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	6	19	1	8260B	6/8/2004	CJR	1
Trichlorofluoromethane	< 25	ug/kg	13	42	1	8260B	6/8/2004	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	9.8	31	1	8260B	6/8/2004	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.8	12	1	8260B	6/8/2004	CJR	1
Vinyl Chloride	< 25	ug/kg	6.1	19	1	8260B	6/8/2004	CJR	1
m&p-Xylene	< 50	ug/kg	10	33	1	8260B	6/8/2004	CJR	1
o-Xylene	< 25	ug/kg	6.1	20	1	8260B	6/8/2004	CJR	1

Lab Code 5010727E
Sample ID SB-15 0-4
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	75.2	%			1	5021	6/2/2004	CJR	1
Organic									
PAH's									
Acenaphthene	< 28	ug/kg	28	89	1	8270C	6/2/2004	MJR	1
Acenaphthylene	56 "J"	ug/kg	32	100	1	8270C	6/2/2004	MJR	1
Anthracene	< 46	ug/kg	46	150	1	8270C	6/2/2004	MJR	1
Benzo(a)anthracene	140	ug/kg	33	110	1	8270C	6/2/2004	MJR	1
Benzo(a)pyrene	160	ug/kg	43	140	1	8270C	6/2/2004	MJR	1
Benzo(b)fluoranthene	250	ug/kg	42	130	1	8270C	6/2/2004	MJR	1
Benzo(g,h,i)perylene	84 "J"	ug/kg	32	100	1	8270C	6/2/2004	MJR	1

Project Name COWA-NOVAK SITE **Invoice #** E10727
Project #

Lab Code 5010727E
Sample ID SB-15 0-4
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Benzo(k)fluoranthene	91 "J"	ug/kg	45	140	1	8270C	6/2/2004	MJR	1
Chrysene	180	ug/kg	46	150	1	8270C	6/2/2004	MJR	1
Dibenzo(a,h)anthracene	< 47	ug/kg	47	150	1	8270C	6/2/2004	MJR	1
Fluoranthene	320	ug/kg	30	95	1	8270C	6/2/2004	MJR	1
Fluorene	< 32	ug/kg	32	100	1	8270C	6/2/2004	MJR	1
Indeno(1,2,3-cd)pyrene	81 "J"	ug/kg	56	180	1	8270C	6/2/2004	MJR	1
1-Methyl naphthalene	< 47	ug/kg	47	150	1	8270C	6/2/2004	MJR	1
2-Methyl naphthalene	< 22	ug/kg	22	70	1	8270C	6/2/2004	MJR	1
Naphthalene	< 39	ug/kg	39	120	1	8270C	6/2/2004	MJR	1
Phenanthrene	140	ug/kg	36	120	1	8270C	6/2/2004	MJR	1
Pyrene	340	ug/kg	39	120	1	8270C	6/2/2004	MJR	1
VOC's									
Benzene	< 25	ug/kg	4.8	15	1	8260B	6/4/2004	CJR	1
Bromobenzene	< 25	ug/kg	12	39	1	8260B	6/4/2004	CJR	1
Bromodichloromethane	< 25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
Bromoform	< 25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
tert-Butylbenzene	< 25	ug/kg	13	42	1	8260B	6/4/2004	CJR	1
sec-Butylbenzene	< 25	ug/kg	5.1	16	1	8260B	6/4/2004	CJR	1
n-Butylbenzene	< 25	ug/kg	5.8	19	1	8260B	6/4/2004	CJR	1
Carbon Tetrachloride	< 25	ug/kg	14	44	1	8260B	6/4/2004	CJR	1
Chlorobenzene	< 25	ug/kg	6.2	20	1	8260B	6/4/2004	CJR	1
Chloroethane	< 25	ug/kg	8.9	28	1	8260B	6/4/2004	CJR	1
Chloroform	< 25	ug/kg	8.7	28	1	8260B	6/4/2004	CJR	1
Chloromethane	< 25	ug/kg	9.7	31	1	8260B	6/4/2004	CJR	1
2-Chlorotoluene	< 25	ug/kg	5.1	16	1	8260B	6/4/2004	CJR	1
4-Chlorotoluene	< 25	ug/kg	3.4	11	1	8260B	6/4/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	17	52	1	8260B	6/4/2004	CJR	1
Dibromochloromethane	< 25	ug/kg	5.5	18	1	8260B	6/4/2004	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	6/4/2004	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	6/4/2004	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	10	33	1	8260B	6/4/2004	CJR	1
1,2-Dichloroethane	< 25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.8	28	1	8260B	6/4/2004	CJR	1
1,1-Dichloroethene	< 25	ug/kg	6.2	20	1	8260B	6/4/2004	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	14	44	1	8260B	6/4/2004	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	15	46	1	8260B	6/4/2004	CJR	1
1,2-Dichloropropane	< 25	ug/kg	10	32	1	8260B	6/4/2004	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	34	1	8260B	6/4/2004	CJR	3 4
1,3-Dichloropropane	< 25	ug/kg	7.1	23	1	8260B	6/4/2004	CJR	1
Di-isopropyl ether	< 25	ug/kg	4.1	13	1	8260B	6/4/2004	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
Ethylbenzene	< 25	ug/kg	3.6	11	1	8260B	6/4/2004	CJR	1
Hexachlorobutadiene	< 25	ug/kg	23	73	1	8260B	6/4/2004	CJR	1
Isopropylbenzene	< 25	ug/kg	6.7	21	1	8260B	6/4/2004	CJR	1
p-Isopropyltoluene	< 25	ug/kg	8	26	1	8260B	6/4/2004	CJR	1
Methylene chloride	< 25	ug/kg	24	77	1	8260B	6/4/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	4.1	13	1	8260B	6/4/2004	CJR	1
Naphthalene	< 25	ug/kg	17	53	1	8260B	6/4/2004	CJR	1
n-Propylbenzene	< 25	ug/kg	8.1	26	1	8260B	6/4/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	11	36	1	8260B	6/4/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 25	ug/kg	16	51	1	8260B	6/4/2004	CJR	1
Tetrachloroethene	< 25	ug/kg	8.7	28	1	8260B	6/4/2004	CJR	1
Toluene	< 25	ug/kg	4.3	14	1	8260B	6/4/2004	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	20	65	1	8260B	6/4/2004	CJR	1

Project Name COWA-NOVAK SITE **Invoice #** E10727
Project #

Lab Code 5010727E
Sample ID SB-15 0-4
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
1,1,1-Trichloroethane	< 25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	14	46	1	8260B	6/4/2004	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	6	19	1	8260B	6/4/2004	CJR	1
Trichlorofluoromethane	< 25	ug/kg	13	42	1	8260B	6/4/2004	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.8	12	1	8260B	6/4/2004	CJR	1
Vinyl Chloride	< 25	ug/kg	6.1	19	1	8260B	6/4/2004	CJR	1
m&p-Xylene	< 50	ug/kg	10	33	1	8260B	6/4/2004	CJR	1
o-Xylene	< 25	ug/kg	6.1	20	1	8260B	6/4/2004	CJR	1

Lab Code 5010727F
Sample ID SB-16 0-4
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	80.5	%			1	5021	6/2/2004	CJR	1
Organic									
PAH's									
Acenaphthene	< 28	ug/kg	28	89	1	8270C	6/3/2004	MJR	1
Acenaphthylene	< 32	ug/kg	32	100	1	8270C	6/3/2004	MJR	1
Anthracene	53 "J"	ug/kg	46	150	1	8270C	6/3/2004	MJR	1
Benzo(a)anthracene	110	ug/kg	33	110	1	8270C	6/3/2004	MJR	1
Benzo(a)pyrene	95 "J"	ug/kg	43	140	1	8270C	6/3/2004	MJR	1
Benzo(b)fluoranthene	140	ug/kg	42	130	1	8270C	6/3/2004	MJR	1
Benzo(g,h,i)perylene	33 "J"	ug/kg	32	100	1	8270C	6/3/2004	MJR	1
Benzo(k)fluoranthene	< 45	ug/kg	45	140	1	8270C	6/3/2004	MJR	1
Chrysene	110 "J"	ug/kg	46	150	1	8270C	6/3/2004	MJR	1
Dibenzo(a,h)anthracene	< 47	ug/kg	47	150	1	8270C	6/3/2004	MJR	1
Fluoranthene	240	ug/kg	30	95	1	8270C	6/3/2004	MJR	1
Fluorene	< 32	ug/kg	32	100	1	8270C	6/3/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 56	ug/kg	56	180	1	8270C	6/3/2004	MJR	1
1-Methyl naphthalene	< 47	ug/kg	47	150	1	8270C	6/3/2004	MJR	1
2-Methyl naphthalene	< 22	ug/kg	22	70	1	8270C	6/3/2004	MJR	1
Naphthalene	< 39	ug/kg	39	120	1	8270C	6/3/2004	MJR	1
Phenanthrene	150	ug/kg	36	120	1	8270C	6/3/2004	MJR	1
Pyrene	260	ug/kg	39	120	1	8270C	6/3/2004	MJR	1

Lab Code 5010727G
Sample ID SB-17 0-4
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	85.0	%			1	5021	6/2/2004	CJR	1
Organic									
PAH's									
Acenaphthene	< 28	ug/kg	28	89	1	8270C	6/2/2004	MJR	1
Acenaphthylene	< 32	ug/kg	32	100	1	8270C	6/2/2004	MJR	1

Project Name COWA-NOVAK SITE **Invoice #** E10727
Project #

Lab Code 5010727G
Sample ID SB-17 0-4
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Anthracene	< 46	ug/kg	46	150	1	8270C	6/2/2004	MJR	1
Benzo(a)anthracene	< 33	ug/kg	33	110	1	8270C	6/2/2004	MJR	1
Benzo(a)pyrene	< 43	ug/kg	43	140	1	8270C	6/2/2004	MJR	1
Benzo(b)fluoranthene	< 42	ug/kg	42	130	1	8270C	6/2/2004	MJR	1
Benzo(g,h,i)perylene	< 32	ug/kg	32	100	1	8270C	6/2/2004	MJR	1
Benzo(k)fluoranthene	< 45	ug/kg	45	140	1	8270C	6/2/2004	MJR	1
Chrysene	< 46	ug/kg	46	150	1	8270C	6/2/2004	MJR	1
Dibenzo(a,h)anthracene	< 47	ug/kg	47	150	1	8270C	6/2/2004	MJR	1
Fluoranthene	47 "J"	ug/kg	30	95	1	8270C	6/2/2004	MJR	1
Fluorene	< 32	ug/kg	32	100	1	8270C	6/2/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 56	ug/kg	56	180	1	8270C	6/2/2004	MJR	1
1-Methyl naphthalene	< 47	ug/kg	47	150	1	8270C	6/2/2004	MJR	1
2-Methyl naphthalene	< 22	ug/kg	22	70	1	8270C	6/2/2004	MJR	1
Naphthalene	< 39	ug/kg	39	120	1	8270C	6/2/2004	MJR	1
Phenanthrene	< 36	ug/kg	36	120	1	8270C	6/2/2004	MJR	1
Pyrene	50 "J"	ug/kg	39	120	1	8270C	6/2/2004	MJR	1

Lab Code 5010727H
Sample ID SB-18 0-4
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	82.6	%			1	5021	6/2/2004	CJR	1
Organic									
PAH's									
Acenaphthene	< 280	ug/kg	280	890	10	8270C	6/3/2004	MJR	1
Acenaphthylene	< 320	ug/kg	320	1000	10	8270C	6/3/2004	MJR	1
Anthracene	< 460	ug/kg	460	1500	10	8270C	6/3/2004	MJR	1
Benzo(a)anthracene	910 "J"	ug/kg	330	1100	10	8270C	6/3/2004	MJR	1
Benzo(a)pyrene	900 "J"	ug/kg	430	1400	10	8270C	6/3/2004	MJR	1
Benzo(b)fluoranthene	1200 "J"	ug/kg	420	1300	10	8270C	6/3/2004	MJR	1
Benzo(g,h,i)perylene	320 "J"	ug/kg	320	1000	10	8270C	6/3/2004	MJR	1
Benzo(k)fluoranthene	470 "J"	ug/kg	450	1400	10	8270C	6/3/2004	MJR	1
Chrysene	880 "J"	ug/kg	460	1500	10	8270C	6/3/2004	MJR	1
Dibenzo(a,h)anthracene	< 470	ug/kg	470	1500	10	8270C	6/3/2004	MJR	1
Fluoranthene	1900	ug/kg	300	950	10	8270C	6/3/2004	MJR	1
Fluorene	< 320	ug/kg	320	1000	10	8270C	6/3/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 560	ug/kg	560	1800	10	8270C	6/3/2004	MJR	1
1-Methyl naphthalene	< 470	ug/kg	470	1500	10	8270C	6/3/2004	MJR	1
2-Methyl naphthalene	< 220	ug/kg	220	700	10	8270C	6/3/2004	MJR	1
Naphthalene	< 390	ug/kg	390	1200	10	8270C	6/3/2004	MJR	1
Phenanthrene	1200	ug/kg	360	1200	10	8270C	6/3/2004	MJR	1
Pyrene	2000	ug/kg	390	1200	10	8270C	6/3/2004	MJR	1
VOC's									
Benzene	< 25	ug/kg	4.8	15	1	8260B	6/4/2004	CJR	1
Bromobenzene	< 25	ug/kg	12	39	1	8260B	6/4/2004	CJR	1
Bromodichloromethane	< 25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
Bromoform	< 25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
tert-Butylbenzene	< 25	ug/kg	13	42	1	8260B	6/4/2004	CJR	1
sec-Butylbenzene	< 25	ug/kg	5.1	16	1	8260B	6/4/2004	CJR	1
n-Butylbenzene	< 25	ug/kg	5.8	19	1	8260B	6/4/2004	CJR	1

Project Name COWA-NOVAK SITE **Invoice #** E10727
Project #

Lab Code 5010727H
Sample ID SB-18 0-4
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Carbon Tetrachloride	< 25	ug/kg	14	44	1	8260B	6/4/2004	CJR	1
Chlorobenzene	< 25	ug/kg	6.2	20	1	8260B	6/4/2004	CJR	1
Chloroethane	< 25	ug/kg	8.9	28	1	8260B	6/4/2004	CJR	1
Chloroform	< 25	ug/kg	8.7	28	1	8260B	6/4/2004	CJR	1
Chloromethane	< 25	ug/kg	9.7	31	1	8260B	6/4/2004	CJR	1
2-Chlorotoluene	< 25	ug/kg	5.1	16	1	8260B	6/4/2004	CJR	1
4-Chlorotoluene	< 25	ug/kg	3.4	11	1	8260B	6/4/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	17	52	1	8260B	6/4/2004	CJR	1
Dibromochloromethane	< 25	ug/kg	5.5	18	1	8260B	6/4/2004	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	6/4/2004	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	6/4/2004	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	10	33	1	8260B	6/4/2004	CJR	1
1,2-Dichloroethane	< 25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.8	28	1	8260B	6/4/2004	CJR	1
1,1-Dichloroethene	< 25	ug/kg	6.2	20	1	8260B	6/4/2004	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	14	44	1	8260B	6/4/2004	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	15	46	1	8260B	6/4/2004	CJR	1
1,2-Dichloropropane	< 25	ug/kg	10	32	1	8260B	6/4/2004	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	34	1	8260B	6/4/2004	CJR	3 4
1,3-Dichloropropane	< 25	ug/kg	7.1	23	1	8260B	6/4/2004	CJR	1
Di-isopropyl ether	< 25	ug/kg	4.1	13	1	8260B	6/4/2004	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
Ethylbenzene	< 25	ug/kg	3.6	11	1	8260B	6/4/2004	CJR	1
Hexachlorobutadiene	< 25	ug/kg	23	73	1	8260B	6/4/2004	CJR	1
Isopropylbenzene	< 25	ug/kg	6.7	21	1	8260B	6/4/2004	CJR	1
p-Isopropyltoluene	< 25	ug/kg	8	26	1	8260B	6/4/2004	CJR	1
Methylene chloride	< 25	ug/kg	24	77	1	8260B	6/4/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	4.1	13	1	8260B	6/4/2004	CJR	1
Naphthalene	107	ug/kg	17	53	1	8260B	6/4/2004	CJR	1
n-Propylbenzene	< 25	ug/kg	8.1	26	1	8260B	6/4/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	11	36	1	8260B	6/4/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 25	ug/kg	16	51	1	8260B	6/4/2004	CJR	1
Tetrachloroethene	< 25	ug/kg	8.7	28	1	8260B	6/4/2004	CJR	1
Toluene	< 25	ug/kg	4.3	14	1	8260B	6/4/2004	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	20	65	1	8260B	6/4/2004	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	14	46	1	8260B	6/4/2004	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	6	19	1	8260B	6/4/2004	CJR	1
Trichlorofluoromethane	< 25	ug/kg	13	42	1	8260B	6/4/2004	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.8	12	1	8260B	6/4/2004	CJR	1
Vinyl Chloride	< 25	ug/kg	6.1	19	1	8260B	6/4/2004	CJR	1
m&p-Xylene	< 50	ug/kg	10	33	1	8260B	6/4/2004	CJR	1
o-Xylene	< 25	ug/kg	6.1	20	1	8260B	6/4/2004	CJR	1

Lab Code 5010727I
Sample ID SB-18 6.5-7.5
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	57.0	%			1	5021	6/2/2004	CJR	1

Project Name COWA-NOVAK SITE **Invoice #** E10727
Project #

Lab Code 5010727I
Sample ID SB-18 6.5-7.5
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Inorganic									
Metals									
Arsenic, Total	1.1	mg/kg	0.5		1	EPA 6010B	6/10/2004	ESC	1
Barium, Total	1.1	mg/kg	0.25		1	EPA 6010B	6/8/2004	ESC	1
Cadmium, Total	< 0.25	mg/kg	0.25		1	EPA 6010B	6/8/2004	ESC	1
Chromium, Total	2.6	mg/kg	0.5		1	EPA 6010B	6/8/2004	ESC	1
Lead, Total	< 0.25	mg/kg	0.25		1	EPA 6010B	6/8/2004	ESC	1
Mercury, Total	< 0.02	mg/kg	0.02		1	7471	6/9/2004	ESC	1
Selenium, Total	0.84	mg/kg	0.5		1	EPA 6010B	6/10/2004	ESC	1
Silver, Total	< 0.25	mg/kg	0.25		1	EPA 6010B	6/10/2004	ESC	1
Organic									
PAH's									
Acenaphthene	< 28	ug/kg	28	89	1	8270C	6/2/2004	MJR	1
Acenaphthylene	69 "J"	ug/kg	32	100	1	8270C	6/2/2004	MJR	1
Anthracene	< 46	ug/kg	46	150	1	8270C	6/2/2004	MJR	1
Benzo(a)anthracene	150	ug/kg	33	110	1	8270C	6/2/2004	MJR	1
Benzo(a)pyrene	260	ug/kg	43	140	1	8270C	6/2/2004	MJR	1
Benzo(b)fluoranthene	330	ug/kg	42	130	1	8270C	6/2/2004	MJR	1
Benzo(g,h,i)perylene	110	ug/kg	32	100	1	8270C	6/2/2004	MJR	1
Benzo(k)fluoranthene	100 "J"	ug/kg	45	140	1	8270C	6/2/2004	MJR	1
Chrysene	160	ug/kg	46	150	1	8270C	6/2/2004	MJR	1
Dibenzo(a,h)anthracene	< 47	ug/kg	47	150	1	8270C	6/2/2004	MJR	1
Fluoranthene	200	ug/kg	30	95	1	8270C	6/2/2004	MJR	1
Fluorene	< 32	ug/kg	32	100	1	8270C	6/2/2004	MJR	1
Indeno(1,2,3-cd)pyrene	110 "J"	ug/kg	56	180	1	8270C	6/2/2004	MJR	1
1-Methyl naphthalene	< 47	ug/kg	47	150	1	8270C	6/2/2004	MJR	1
2-Methyl naphthalene	< 22	ug/kg	22	70	1	8270C	6/2/2004	MJR	1
Naphthalene	< 39	ug/kg	39	120	1	8270C	6/2/2004	MJR	1
Phenanthrene	100 "J"	ug/kg	36	120	1	8270C	6/2/2004	MJR	1
Pyrene	260	ug/kg	39	120	1	8270C	6/2/2004	MJR	1
VOC's									
Benzene	< 25	ug/kg	4.8	15	1	8260B	6/4/2004	CJR	1
Bromobenzene	< 25	ug/kg	12	39	1	8260B	6/4/2004	CJR	1
Bromodichloromethane	< 25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
Bromoform	< 25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
tert-Butylbenzene	< 25	ug/kg	13	42	1	8260B	6/4/2004	CJR	1
sec-Butylbenzene	< 25	ug/kg	5.1	16	1	8260B	6/4/2004	CJR	1
n-Butylbenzene	< 25	ug/kg	5.8	19	1	8260B	6/4/2004	CJR	1
Carbon Tetrachloride	< 25	ug/kg	14	44	1	8260B	6/4/2004	CJR	1
Chlorobenzene	< 25	ug/kg	6.2	20	1	8260B	6/4/2004	CJR	1
Chloroethane	< 25	ug/kg	8.9	28	1	8260B	6/4/2004	CJR	1
Chloroform	< 25	ug/kg	8.7	28	1	8260B	6/4/2004	CJR	1
Chloromethane	< 25	ug/kg	9.7	31	1	8260B	6/4/2004	CJR	1
2-Chlorotoluene	< 25	ug/kg	5.1	16	1	8260B	6/4/2004	CJR	1
4-Chlorotoluene	< 25	ug/kg	3.4	11	1	8260B	6/4/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	17	52	1	8260B	6/4/2004	CJR	1
Dibromochloromethane	< 25	ug/kg	5.5	18	1	8260B	6/4/2004	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	6/4/2004	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	6/4/2004	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	10	33	1	8260B	6/4/2004	CJR	1
1,2-Dichloroethane	< 25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.8	28	1	8260B	6/4/2004	CJR	1
1,1-Dichloroethene	< 25	ug/kg	6.2	20	1	8260B	6/4/2004	CJR	1

Project Name COWA-NOVAK SITE **Invoice #** E10727
Project #

Lab Code 5010727I
Sample ID SB-18 6.5-7.5
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
cis-1,2-Dichloroethene	< 25	ug/kg	14	44	1	8260B	6/4/2004	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	15	46	1	8260B	6/4/2004	CJR	1
1,2-Dichloropropane	< 25	ug/kg	10	32	1	8260B	6/4/2004	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	34	1	8260B	6/4/2004	CJR	3 4
1,3-Dichloropropane	< 25	ug/kg	7.1	23	1	8260B	6/4/2004	CJR	1
Di-isopropyl ether	< 25	ug/kg	4.1	13	1	8260B	6/4/2004	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
Ethylbenzene	< 25	ug/kg	3.6	11	1	8260B	6/4/2004	CJR	1
Hexachlorobutadiene	< 25	ug/kg	23	73	1	8260B	6/4/2004	CJR	1
Isopropylbenzene	< 25	ug/kg	6.7	21	1	8260B	6/4/2004	CJR	1
p-Isopropyltoluene	< 25	ug/kg	8	26	1	8260B	6/4/2004	CJR	1
Methylene chloride	< 25	ug/kg	24	77	1	8260B	6/4/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	4.1	13	1	8260B	6/4/2004	CJR	1
Naphthalene	< 25	ug/kg	17	53	1	8260B	6/4/2004	CJR	1
n-Propylbenzene	< 25	ug/kg	8.1	26	1	8260B	6/4/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	11	36	1	8260B	6/4/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 25	ug/kg	16	51	1	8260B	6/4/2004	CJR	1
Tetrachloroethene	< 25	ug/kg	8.7	28	1	8260B	6/4/2004	CJR	1
Toluene	< 25	ug/kg	4.3	14	1	8260B	6/4/2004	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	20	65	1	8260B	6/4/2004	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	14	46	1	8260B	6/4/2004	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	6	19	1	8260B	6/4/2004	CJR	1
Trichlorofluoromethane	< 25	ug/kg	13	42	1	8260B	6/4/2004	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.8	12	1	8260B	6/4/2004	CJR	1
Vinyl Chloride	< 25	ug/kg	6.1	19	1	8260B	6/4/2004	CJR	1
m&p-Xylene	< 50	ug/kg	10	33	1	8260B	6/4/2004	CJR	1
o-Xylene	< 25	ug/kg	6.1	20	1	8260B	6/4/2004	CJR	1

Lab Code 5010727J
Sample ID SB-19 0-4
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	79.0	%			1	5021	6/2/2004	CJR	1
Organic									
PAH's									
Acenaphthene	< 1400	ug/kg	1400	4450	50	8270C	6/3/2004	MJR	1
Acenaphthylene	< 1600	ug/kg	1600	5000	50	8270C	6/3/2004	MJR	1
Anthracene	3000 "J"	ug/kg	2300	7500	50	8270C	6/3/2004	MJR	1
Benzo(a)anthracene	4200 "J"	ug/kg	1650	5500	50	8270C	6/3/2004	MJR	1
Benzo(a)pyrene	3600 "J"	ug/kg	2150	7000	50	8270C	6/3/2004	MJR	1
Benzo(b)fluoranthene	4200 "J"	ug/kg	2100	6500	50	8270C	6/3/2004	MJR	1
Benzo(g,h,i)perylene	1600 "J"	ug/kg	1600	5000	50	8270C	6/3/2004	MJR	1
Benzo(k)fluoranthene	< 2250	ug/kg	2250	7000	50	8270C	6/3/2004	MJR	1
Chrysene	4500 "J"	ug/kg	2300	7500	50	8270C	6/3/2004	MJR	1
Dibenzo(a,h)anthracene	< 2350	ug/kg	2350	7500	50	8270C	6/3/2004	MJR	1
Fluoranthene	11000	ug/kg	1500	4750	50	8270C	6/3/2004	MJR	1
Fluorene	< 1600	ug/kg	1600	5000	50	8270C	6/3/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 2800	ug/kg	2800	9000	50	8270C	6/3/2004	MJR	1

Project Name COWA-NOVAK SITE **Invoice #** E10727
Project #

Lab Code 5010727J
Sample ID SB-19 0-4
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
1-Methyl naphthalene	< 2350	ug/kg	2350	7500	50	8270C	6/3/2004	MJR	1
2-Methyl naphthalene	< 1100	ug/kg	1100	3500	50	8270C	6/3/2004	MJR	1
Naphthalene	< 1950	ug/kg	1950	6000	50	8270C	6/3/2004	MJR	1
Phenanthrene	11000	ug/kg	1800	6000	50	8270C	6/3/2004	MJR	1
Pyrene	11000	ug/kg	1950	6000	50	8270C	6/3/2004	MJR	1
VOC's									
Benzene	< 25	ug/kg	4.8	15	1	8260B	6/8/2004	CJR	1
Bromobenzene	< 25	ug/kg	12	39	1	8260B	6/8/2004	CJR	1
Bromodichloromethane	< 25	ug/kg	9.8	31	1	8260B	6/8/2004	CJR	1
Bromoform	< 25	ug/kg	9.8	31	1	8260B	6/8/2004	CJR	1
tert-Butylbenzene	< 25	ug/kg	13	42	1	8260B	6/8/2004	CJR	1
sec-Butylbenzene	< 25	ug/kg	5.1	16	1	8260B	6/8/2004	CJR	1
n-Butylbenzene	< 25	ug/kg	5.8	19	1	8260B	6/8/2004	CJR	1
Carbon Tetrachloride	< 25	ug/kg	14	44	1	8260B	6/8/2004	CJR	1
Chlorobenzene	< 25	ug/kg	6.2	20	1	8260B	6/8/2004	CJR	1
Chloroethane	< 25	ug/kg	8.9	28	1	8260B	6/8/2004	CJR	1
Chloroform	< 25	ug/kg	8.7	28	1	8260B	6/8/2004	CJR	1
Chloromethane	< 25	ug/kg	9.7	31	1	8260B	6/8/2004	CJR	1
2-Chlorotoluene	< 25	ug/kg	5.1	16	1	8260B	6/8/2004	CJR	1
4-Chlorotoluene	< 25	ug/kg	3.4	11	1	8260B	6/8/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	17	52	1	8260B	6/8/2004	CJR	1
Dibromochloromethane	< 25	ug/kg	5.5	18	1	8260B	6/8/2004	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	6/8/2004	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	12	37	1	8260B	6/8/2004	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	6/8/2004	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	10	33	1	8260B	6/8/2004	CJR	1
1,2-Dichloroethane	< 25	ug/kg	12	37	1	8260B	6/8/2004	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.8	28	1	8260B	6/8/2004	CJR	1
1,1-Dichloroethene	< 25	ug/kg	6.2	20	1	8260B	6/8/2004	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	14	44	1	8260B	6/8/2004	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	15	46	1	8260B	6/8/2004	CJR	1
1,2-Dichloropropane	< 25	ug/kg	10	32	1	8260B	6/8/2004	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	34	1	8260B	6/8/2004	CJR	3 4
1,3-Dichloropropane	< 25	ug/kg	7.1	23	1	8260B	6/8/2004	CJR	1
Di-isopropyl ether	< 25	ug/kg	4.1	13	1	8260B	6/8/2004	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	12	37	1	8260B	6/8/2004	CJR	1
Ethylbenzene	< 25	ug/kg	3.6	11	1	8260B	6/8/2004	CJR	1
Hexachlorobutadiene	< 25	ug/kg	23	73	1	8260B	6/8/2004	CJR	1
Isopropylbenzene	< 25	ug/kg	6.7	21	1	8260B	6/8/2004	CJR	1
p-Isopropyltoluene	< 25	ug/kg	8	26	1	8260B	6/8/2004	CJR	1
Methylene chloride	< 25	ug/kg	24	77	1	8260B	6/8/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	4.1	13	1	8260B	6/8/2004	CJR	1
Naphthalene	338	ug/kg	17	53	1	8260B	6/8/2004	CJR	1
n-Propylbenzene	< 25	ug/kg	8.1	26	1	8260B	6/8/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	11	36	1	8260B	6/8/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 25	ug/kg	16	51	1	8260B	6/8/2004	CJR	1
Tetrachloroethene	< 25	ug/kg	8.7	28	1	8260B	6/8/2004	CJR	1
Toluene	< 25	ug/kg	4.3	14	1	8260B	6/8/2004	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	9.8	31	1	8260B	6/8/2004	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	20	65	1	8260B	6/8/2004	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	12	37	1	8260B	6/8/2004	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	14	46	1	8260B	6/8/2004	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	6	19	1	8260B	6/8/2004	CJR	1
Trichlorofluoromethane	< 25	ug/kg	13	42	1	8260B	6/8/2004	CJR	1
1,2,4-Trimethylbenzene	79	ug/kg	9.8	31	1	8260B	6/8/2004	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.8	12	1	8260B	6/8/2004	CJR	1

Project Name COWA-NOVAK SITE **Invoice #** E10727
Project #

Lab Code 5010727J
Sample ID SB-19 0-4
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Vinyl Chloride	< 25	ug/kg	6.1	19	1	8260B	6/8/2004	CJR	1
m&p-Xylene	< 50	ug/kg	10	33	1	8260B	6/8/2004	CJR	1
o-Xylene	< 25	ug/kg	6.1	20	1	8260B	6/8/2004	CJR	1

Lab Code 5010727K
Sample ID SB-20 0-4
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	79.3	%			1	5021	6/2/2004	CJR	1
Organic									
PAH's									
Acenaphthene	1300 "J"	ug/kg	560	1780	20	8270C	6/3/2004	MJR	1
Acenaphthylene	< 640	ug/kg	640	2000	20	8270C	6/3/2004	MJR	1
Anthracene	3800	ug/kg	920	3000	20	8270C	6/3/2004	MJR	1
Benzo(a)anthracene	5600	ug/kg	660	2200	20	8270C	6/3/2004	MJR	1
Benzo(a)pyrene	5100	ug/kg	860	2800	20	8270C	6/3/2004	MJR	1
Benzo(b)fluoranthene	6100	ug/kg	840	2600	20	8270C	6/3/2004	MJR	1
Benzo(g,h,i)perylene	2300	ug/kg	640	2000	20	8270C	6/3/2004	MJR	1
Benzo(k)fluoranthene	2500 "J"	ug/kg	900	2800	20	8270C	6/3/2004	MJR	1
Chrysene	5300	ug/kg	920	3000	20	8270C	6/3/2004	MJR	1
Dibenzo(a,h)anthracene	< 940	ug/kg	940	3000	20	8270C	6/3/2004	MJR	1
Fluoranthene	12000	ug/kg	600	1900	20	8270C	6/3/2004	MJR	1
Fluorene	1700 "J"	ug/kg	640	2000	20	8270C	6/3/2004	MJR	1
Indeno(1,2,3-cd)pyrene	2400 "J"	ug/kg	1120	3600	20	8270C	6/3/2004	MJR	1
1-Methyl naphthalene	< 940	ug/kg	940	3000	20	8270C	6/3/2004	MJR	1
2-Methyl naphthalene	< 440	ug/kg	440	1400	20	8270C	6/3/2004	MJR	1
Naphthalene	< 780	ug/kg	780	2400	20	8270C	6/3/2004	MJR	1
Phenanthrene	12000	ug/kg	720	2400	20	8270C	6/3/2004	MJR	1
Pyrene	12000	ug/kg	780	2400	20	8270C	6/3/2004	MJR	1
VOC's									
Benzene	< 25	ug/kg	4.8	15	1	8260B	6/8/2004	CJR	1
Bromobenzene	< 25	ug/kg	12	39	1	8260B	6/8/2004	CJR	1
Bromodichloromethane	< 25	ug/kg	9.8	31	1	8260B	6/8/2004	CJR	1
Bromoform	< 25	ug/kg	9.8	31	1	8260B	6/8/2004	CJR	1
tert-Butylbenzene	< 25	ug/kg	13	42	1	8260B	6/8/2004	CJR	1
sec-Butylbenzene	< 25	ug/kg	5.1	16	1	8260B	6/8/2004	CJR	1
n-Butylbenzene	< 25	ug/kg	5.8	19	1	8260B	6/8/2004	CJR	1
Carbon Tetrachloride	< 25	ug/kg	14	44	1	8260B	6/8/2004	CJR	1
Chlorobenzene	< 25	ug/kg	6.2	20	1	8260B	6/8/2004	CJR	1
Chloroethane	< 25	ug/kg	8.9	28	1	8260B	6/8/2004	CJR	1
Chloroform	< 25	ug/kg	8.7	28	1	8260B	6/8/2004	CJR	1
Chloromethane	< 25	ug/kg	9.7	31	1	8260B	6/8/2004	CJR	1
2-Chlorotoluene	< 25	ug/kg	5.1	16	1	8260B	6/8/2004	CJR	1
4-Chlorotoluene	< 25	ug/kg	3.4	11	1	8260B	6/8/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	17	52	1	8260B	6/8/2004	CJR	1
Dibromochloromethane	< 25	ug/kg	5.5	18	1	8260B	6/8/2004	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	6/8/2004	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	12	37	1	8260B	6/8/2004	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	6/8/2004	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	10	33	1	8260B	6/8/2004	CJR	1

Project Name COWA-NOVAK SITE **Invoice #** E10727
Project #

Lab Code 5010727K
Sample ID SB-20 0-4
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
1,2-Dichloroethane	< 25	ug/kg	12	37	1	8260B	6/8/2004	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.8	28	1	8260B	6/8/2004	CJR	1
1,1-Dichloroethene	< 25	ug/kg	6.2	20	1	8260B	6/8/2004	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	14	44	1	8260B	6/8/2004	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	15	46	1	8260B	6/8/2004	CJR	1
1,2-Dichloropropane	< 25	ug/kg	10	32	1	8260B	6/8/2004	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	34	1	8260B	6/8/2004	CJR	3 4
1,3-Dichloropropane	< 25	ug/kg	7.1	23	1	8260B	6/8/2004	CJR	1
Di-isopropyl ether	< 25	ug/kg	4.1	13	1	8260B	6/8/2004	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	12	37	1	8260B	6/8/2004	CJR	1
Ethylbenzene	< 25	ug/kg	3.6	11	1	8260B	6/8/2004	CJR	1
Hexachlorobutadiene	< 25	ug/kg	23	73	1	8260B	6/8/2004	CJR	1
Isopropylbenzene	< 25	ug/kg	6.7	21	1	8260B	6/8/2004	CJR	1
p-Isopropyltoluene	< 25	ug/kg	8	26	1	8260B	6/8/2004	CJR	1
Methylene chloride	< 25	ug/kg	24	77	1	8260B	6/8/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	4.1	13	1	8260B	6/8/2004	CJR	1
Naphthalene	633	ug/kg	17	53	1	8260B	6/8/2004	CJR	1
n-Propylbenzene	< 25	ug/kg	8.1	26	1	8260B	6/8/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	11	36	1	8260B	6/8/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 25	ug/kg	16	51	1	8260B	6/8/2004	CJR	1
Tetrachloroethene	< 25	ug/kg	8.7	28	1	8260B	6/8/2004	CJR	1
Toluene	< 25	ug/kg	4.3	14	1	8260B	6/8/2004	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	9.8	31	1	8260B	6/8/2004	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	20	65	1	8260B	6/8/2004	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	12	37	1	8260B	6/8/2004	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	14	46	1	8260B	6/8/2004	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	6	19	1	8260B	6/8/2004	CJR	1
Trichlorofluoromethane	< 25	ug/kg	13	42	1	8260B	6/8/2004	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	9.8	31	1	8260B	6/8/2004	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.8	12	1	8260B	6/8/2004	CJR	1
Vinyl Chloride	< 25	ug/kg	6.1	19	1	8260B	6/8/2004	CJR	1
m&p-Xylene	< 50	ug/kg	10	33	1	8260B	6/8/2004	CJR	1
o-Xylene	< 25	ug/kg	6.1	20	1	8260B	6/8/2004	CJR	1

Lab Code 5010727L
Sample ID SB-21 0-3
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	86.2	%			1	5021	6/2/2004	CJR	1
Organic									
PAH's									
Acenaphthene	7400 "J"	ug/kg	2800	8900	100	8270C	6/3/2004	MJR	1
Acenaphthylene	< 3200	ug/kg	3200	10000	100	8270C	6/3/2004	MJR	1
Anthracene	23000	ug/kg	4600	15000	100	8270C	6/3/2004	MJR	1
Benzo(a)anthracene	46000	ug/kg	3300	11000	100	8270C	6/3/2004	MJR	1
Benzo(a)pyrene	39000	ug/kg	4300	14000	100	8270C	6/3/2004	MJR	1
Benzo(b)fluoranthene	48000	ug/kg	4200	13000	100	8270C	6/3/2004	MJR	1
Benzo(g,h,i)perylene	17000	ug/kg	3200	10000	100	8270C	6/3/2004	MJR	1
Benzo(k)fluoranthene	20000	ug/kg	4500	14000	100	8270C	6/3/2004	MJR	1
Chrysene	44000	ug/kg	4600	15000	100	8270C	6/3/2004	MJR	1
Dibenzo(a,h)anthracene	5700 "J"	ug/kg	4700	15000	100	8270C	6/3/2004	MJR	1

Project Name COWA-NOVAK SITE **Invoice #** E10727
Project #

Lab Code 5010727L
Sample ID SB-21 0-3
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Fluoranthene	90000	ug/kg	3000	9500	100	8270C	6/3/2004	MJR	1
Fluorene	7800 "J"	ug/kg	3200	10000	100	8270C	6/3/2004	MJR	1
Indeno(1,2,3-cd)pyrene	17000	ug/kg	5600	18000	100	8270C	6/3/2004	MJR	1
1-Methyl naphthalene	< 4700	ug/kg	4700	15000	100	8270C	6/3/2004	MJR	1
2-Methyl naphthalene	< 2200	ug/kg	2200	7000	100	8270C	6/3/2004	MJR	1
Naphthalene	< 3900	ug/kg	3900	12000	100	8270C	6/3/2004	MJR	1
Phenanthrene	58000	ug/kg	3600	12000	100	8270C	6/3/2004	MJR	1
Pyrene	91000	ug/kg	3900	12000	100	8270C	6/3/2004	MJR	1

Lab Code 5010727M
Sample ID SB-22 7-8
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	85.0	%			1	5021	6/2/2004	CJR	1
Inorganic									
Metals									
Arsenic, Total	7.1	mg/kg	0.5		1	EPA 6010B	6/10/2004	ESC	1
Barium, Total	36	mg/kg	0.25		1	EPA 6010B	6/8/2004	ESC	1
Cadmium, Total	0.95	mg/kg	0.25		1	EPA 6010B	6/8/2004	ESC	1
Chromium, Total	8.2	mg/kg	0.5		1	EPA 6010B	6/8/2004	ESC	1
Lead, Total	26	mg/kg	0.25		1	EPA 6010B	6/8/2004	ESC	1
Mercury, Total	0.055	mg/kg	0.02		1	7471	6/9/2004	ESC	1
Selenium, Total	< 0.5	mg/kg	0.5		1	EPA 6010B	6/10/2004	ESC	1
Silver, Total	< 0.25	mg/kg	0.25		1	EPA 6010B	6/10/2004	ESC	1
Organic									
PAH's									
Acenaphthene	200	ug/kg	28	89	1	8270C	6/11/2004	MJR	1
Acenaphthylene	55 "J"	ug/kg	32	100	1	8270C	6/11/2004	MJR	1
Anthracene	570	ug/kg	46	150	1	8270C	6/11/2004	MJR	1
Benzo(a)anthracene	980	ug/kg	33	110	1	8270C	6/11/2004	MJR	1
Benzo(a)pyrene	880	ug/kg	43	140	1	8270C	6/11/2004	MJR	1
Benzo(b)fluoranthene	1200	ug/kg	42	130	1	8270C	6/11/2004	MJR	1
Benzo(g,h,i)perylene	260	ug/kg	32	100	1	8270C	6/11/2004	MJR	1
Benzo(k)fluoranthene	410	ug/kg	45	140	1	8270C	6/11/2004	MJR	1
Chrysene	920	ug/kg	46	150	1	8270C	6/11/2004	MJR	1
Dibenzo(a,h)anthracene	90 "J"	ug/kg	47	150	1	8270C	6/11/2004	MJR	1
Fluoranthene	1600	ug/kg	30	95	1	8270C	6/11/2004	MJR	1
Fluorene	250	ug/kg	32	100	1	8270C	6/11/2004	MJR	1
Indeno(1,2,3-cd)pyrene	280	ug/kg	56	180	1	8270C	6/11/2004	MJR	1
1-Methyl naphthalene	< 47	ug/kg	47	150	1	8270C	6/11/2004	MJR	1
2-Methyl naphthalene	31 "J"	ug/kg	22	70	1	8270C	6/11/2004	MJR	1
Naphthalene	40 "J"	ug/kg	39	120	1	8270C	6/11/2004	MJR	1
Phenanthrene	1300	ug/kg	36	120	1	8270C	6/11/2004	MJR	1
Pyrene	1700	ug/kg	39	120	1	8270C	6/11/2004	MJR	1
VOC's									
Benzene	< 25	ug/kg	4.8	15	1	8260B	6/4/2004	CJR	1
Bromobenzene	< 25	ug/kg	12	39	1	8260B	6/4/2004	CJR	1
Bromodichloromethane	< 25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
Bromoform	< 25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
tert-Butylbenzene	< 25	ug/kg	13	42	1	8260B	6/4/2004	CJR	1

Project Name COWA-NOVAK SITE **Invoice #** E10727
Project #

Lab Code 5010727M
Sample ID SB-22 7-8
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
sec-Butylbenzene	<25	ug/kg	5.1	16	1	8260B	6/4/2004	CJR	1
n-Butylbenzene	<25	ug/kg	5.8	19	1	8260B	6/4/2004	CJR	1
Carbon Tetrachloride	<25	ug/kg	14	44	1	8260B	6/4/2004	CJR	1
Chlorobenzene	<25	ug/kg	6.2	20	1	8260B	6/4/2004	CJR	1
Chloroethane	<25	ug/kg	8.9	28	1	8260B	6/4/2004	CJR	1
Chloroform	<25	ug/kg	8.7	28	1	8260B	6/4/2004	CJR	1
Chloromethane	<25	ug/kg	9.7	31	1	8260B	6/4/2004	CJR	1
2-Chlorotoluene	<25	ug/kg	5.1	16	1	8260B	6/4/2004	CJR	1
4-Chlorotoluene	<25	ug/kg	3.4	11	1	8260B	6/4/2004	CJR	1
1,2-Dibromo-3-chloropropane	<25	ug/kg	17	52	1	8260B	6/4/2004	CJR	1
Dibromochloromethane	<25	ug/kg	5.5	18	1	8260B	6/4/2004	CJR	1
1,4-Dichlorobenzene	<25	ug/kg	10	33	1	8260B	6/4/2004	CJR	1
1,3-Dichlorobenzene	<25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
1,2-Dichlorobenzene	<25	ug/kg	8.8	28	1	8260B	6/4/2004	CJR	1
Dichlorodifluoromethane	<25	ug/kg	10	33	1	8260B	6/4/2004	CJR	1
1,2-Dichloroethane	<25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
1,1-Dichloroethane	<25	ug/kg	8.8	28	1	8260B	6/4/2004	CJR	1
1,1-Dichloroethene	<25	ug/kg	6.2	20	1	8260B	6/4/2004	CJR	1
cis-1,2-Dichloroethene	<25	ug/kg	14	44	1	8260B	6/4/2004	CJR	1
trans-1,2-Dichloroethene	<25	ug/kg	15	46	1	8260B	6/4/2004	CJR	1
1,2-Dichloropropane	<25	ug/kg	10	32	1	8260B	6/4/2004	CJR	1
2,2-Dichloropropane	<25	ug/kg	11	34	1	8260B	6/4/2004	CJR	3 4
1,3-Dichloropropane	<25	ug/kg	7.1	23	1	8260B	6/4/2004	CJR	1
Di-isopropyl ether	<25	ug/kg	4.1	13	1	8260B	6/4/2004	CJR	1
EDB (1,2-Dibromoethane)	<25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
Ethylbenzene	<25	ug/kg	3.6	11	1	8260B	6/4/2004	CJR	1
Hexachlorobutadiene	<25	ug/kg	23	73	1	8260B	6/4/2004	CJR	1
Isopropylbenzene	<25	ug/kg	6.7	21	1	8260B	6/4/2004	CJR	1
p-Isopropyltoluene	<25	ug/kg	8	26	1	8260B	6/4/2004	CJR	1
Methylene chloride	<25	ug/kg	24	77	1	8260B	6/4/2004	CJR	1
Methyl tert-butyl ether (MTBE)	<25	ug/kg	4.1	13	1	8260B	6/4/2004	CJR	1
Naphthalene	320	ug/kg	17	53	1	8260B	6/4/2004	CJR	1
n-Propylbenzene	<25	ug/kg	8.1	26	1	8260B	6/4/2004	CJR	1
1,1,2,2-Tetrachloroethane	<25	ug/kg	11	36	1	8260B	6/4/2004	CJR	1
1,1,1,2-Tetrachloroethane	<25	ug/kg	16	51	1	8260B	6/4/2004	CJR	1
Tetrachloroethene	<25	ug/kg	8.7	28	1	8260B	6/4/2004	CJR	1
Toluene	<25	ug/kg	4.3	14	1	8260B	6/4/2004	CJR	1
1,2,4-Trichlorobenzene	<25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
1,2,3-Trichlorobenzene	<25	ug/kg	20	65	1	8260B	6/4/2004	CJR	1
1,1,1-Trichloroethane	<25	ug/kg	12	37	1	8260B	6/4/2004	CJR	1
1,1,2-Trichloroethane	<25	ug/kg	14	46	1	8260B	6/4/2004	CJR	1
Trichloroethene (TCE)	<25	ug/kg	6	19	1	8260B	6/4/2004	CJR	1
Trichlorofluoromethane	<25	ug/kg	13	42	1	8260B	6/4/2004	CJR	1
1,2,4-Trimethylbenzene	<25	ug/kg	9.8	31	1	8260B	6/4/2004	CJR	1
1,3,5-Trimethylbenzene	<25	ug/kg	3.8	12	1	8260B	6/4/2004	CJR	1
Vinyl Chloride	<25	ug/kg	6.1	19	1	8260B	6/4/2004	CJR	1
m&p-Xylene	<50	ug/kg	10	33	1	8260B	6/4/2004	CJR	1
o-Xylene	<25	ug/kg	6.1	20	1	8260B	6/4/2004	CJR	1

Project Name COWA-NOVAK SITE **Invoice #** E10727
Proiect #

Lab Code 5010727N
Sample ID SB-23 0-4
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	86.3	%			1	5021	6/2/2004	CJR	1
Organic									
PAH's									
Acenaphthene	< 28	ug/kg	28	89	1	8270C	6/11/2004	MJR	1
Acenaphthylene	< 32	ug/kg	32	100	1	8270C	6/11/2004	MJR	1
Anthracene	110 "J"	ug/kg	46	150	1	8270C	6/11/2004	MJR	1
Benzo(a)anthracene	420	ug/kg	33	110	1	8270C	6/11/2004	MJR	1
Benzo(a)pyrene	430	ug/kg	43	140	1	8270C	6/11/2004	MJR	1
Benzo(b)fluoranthene	650	ug/kg	42	130	1	8270C	6/11/2004	MJR	1
Benzo(g,h,i)perylene	140	ug/kg	32	100	1	8270C	6/11/2004	MJR	1
Benzo(k)fluoranthene	210	ug/kg	45	140	1	8270C	6/11/2004	MJR	1
Chrysene	460	ug/kg	46	150	1	8270C	6/11/2004	MJR	1
Dibenzo(a,h)anthracene	57 "J"	ug/kg	47	150	1	8270C	6/11/2004	MJR	1
Fluoranthene	830	ug/kg	30	95	1	8270C	6/11/2004	MJR	1
Fluorene	< 32	ug/kg	32	100	1	8270C	6/11/2004	MJR	1
Indeno(1,2,3-cd)pyrene	160 "J"	ug/kg	56	180	1	8270C	6/11/2004	MJR	1
1-Methyl naphthalene	< 47	ug/kg	47	150	1	8270C	6/11/2004	MJR	1
2-Methyl naphthalene	< 22	ug/kg	22	70	1	8270C	6/11/2004	MJR	1
Naphthalene	< 39	ug/kg	39	120	1	8270C	6/11/2004	MJR	1
Phenanthrene	390	ug/kg	36	120	1	8270C	6/11/2004	MJR	1
Pyrene	990	ug/kg	39	120	1	8270C	6/11/2004	MJR	1

Lab Code 5010727O
Sample ID SB-24 3-4
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	87.2	%			1	5021	6/2/2004	CJR	1
Organic									
PAH's									
Acenaphthene	< 28	ug/kg	28	89	1	8270C	6/11/2004	MJR	1
Acenaphthylene	< 32	ug/kg	32	100	1	8270C	6/11/2004	MJR	1
Anthracene	< 46	ug/kg	46	150	1	8270C	6/11/2004	MJR	1
Benzo(a)anthracene	< 33	ug/kg	33	110	1	8270C	6/11/2004	MJR	1
Benzo(a)pyrene	< 43	ug/kg	43	140	1	8270C	6/11/2004	MJR	1
Benzo(b)fluoranthene	< 42	ug/kg	42	130	1	8270C	6/11/2004	MJR	1
Benzo(g,h,i)perylene	< 32	ug/kg	32	100	1	8270C	6/11/2004	MJR	1
Benzo(k)fluoranthene	< 45	ug/kg	45	140	1	8270C	6/11/2004	MJR	1
Chrysene	< 46	ug/kg	46	150	1	8270C	6/11/2004	MJR	1
Dibenzo(a,h)anthracene	< 47	ug/kg	47	150	1	8270C	6/11/2004	MJR	1
Fluoranthene	< 30	ug/kg	30	95	1	8270C	6/11/2004	MJR	1
Fluorene	< 32	ug/kg	32	100	1	8270C	6/11/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 56	ug/kg	56	180	1	8270C	6/11/2004	MJR	1
1-Methyl naphthalene	< 47	ug/kg	47	150	1	8270C	6/11/2004	MJR	1
2-Methyl naphthalene	< 22	ug/kg	22	70	1	8270C	6/11/2004	MJR	1
Naphthalene	< 39	ug/kg	39	120	1	8270C	6/11/2004	MJR	1
Phenanthrene	< 36	ug/kg	36	120	1	8270C	6/11/2004	MJR	1
Pyrene	< 39	ug/kg	39	120	1	8270C	6/11/2004	MJR	1

Project Name COWA-NOVAK SITE **Invoice #** E10727
Project #

Lab Code 5010727O
Sample ID SB-24 3-4
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
VOC's									
Benzene	< 25	ug/kg	4.8	15	1	8260B	6/8/2004	CJR	1
Bromobenzene	< 25	ug/kg	12	39	1	8260B	6/8/2004	CJR	1
Bromodichloromethane	< 25	ug/kg	9.8	31	1	8260B	6/8/2004	CJR	1
Bromoform	< 25	ug/kg	9.8	31	1	8260B	6/8/2004	CJR	1
tert-Butylbenzene	< 25	ug/kg	13	42	1	8260B	6/8/2004	CJR	1
sec-Butylbenzene	< 25	ug/kg	5.1	16	1	8260B	6/8/2004	CJR	1
n-Butylbenzene	< 25	ug/kg	5.8	19	1	8260B	6/8/2004	CJR	1
Carbon Tetrachloride	< 25	ug/kg	14	44	1	8260B	6/8/2004	CJR	1
Chlorobenzene	< 25	ug/kg	6.2	20	1	8260B	6/8/2004	CJR	1
Chloroethane	< 25	ug/kg	8.9	28	1	8260B	6/8/2004	CJR	1
Chloroform	< 25	ug/kg	8.7	28	1	8260B	6/8/2004	CJR	1
Chloromethane	< 25	ug/kg	9.7	31	1	8260B	6/8/2004	CJR	1
2-Chlorotoluene	< 25	ug/kg	5.1	16	1	8260B	6/8/2004	CJR	1
4-Chlorotoluene	< 25	ug/kg	3.4	11	1	8260B	6/8/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	17	52	1	8260B	6/8/2004	CJR	1
Dibromochloromethane	< 25	ug/kg	5.5	18	1	8260B	6/8/2004	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	6/8/2004	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	12	37	1	8260B	6/8/2004	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	6/8/2004	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	10	33	1	8260B	6/8/2004	CJR	1
1,2-Dichloroethane	< 25	ug/kg	12	37	1	8260B	6/8/2004	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.8	28	1	8260B	6/8/2004	CJR	1
1,1-Dichloroethene	< 25	ug/kg	6.2	20	1	8260B	6/8/2004	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	14	44	1	8260B	6/8/2004	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	15	46	1	8260B	6/8/2004	CJR	1
1,2-Dichloropropane	< 25	ug/kg	10	32	1	8260B	6/8/2004	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	34	1	8260B	6/8/2004	CJR	3 4
1,3-Dichloropropane	< 25	ug/kg	7.1	23	1	8260B	6/8/2004	CJR	1
Di-isopropyl ether	< 25	ug/kg	4.1	13	1	8260B	6/8/2004	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	12	37	1	8260B	6/8/2004	CJR	1
Ethylbenzene	< 25	ug/kg	3.6	11	1	8260B	6/8/2004	CJR	1
Hexachlorobutadiene	< 25	ug/kg	23	73	1	8260B	6/8/2004	CJR	1
Isopropylbenzene	< 25	ug/kg	6.7	21	1	8260B	6/8/2004	CJR	1
p-Isopropyltoluene	< 25	ug/kg	8	26	1	8260B	6/8/2004	CJR	1
Methylene chloride	< 25	ug/kg	24	77	1	8260B	6/8/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	4.1	13	1	8260B	6/8/2004	CJR	1
Naphthalene	< 25	ug/kg	17	53	1	8260B	6/8/2004	CJR	1
n-Propylbenzene	< 25	ug/kg	8.1	26	1	8260B	6/8/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	11	36	1	8260B	6/8/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 25	ug/kg	16	51	1	8260B	6/8/2004	CJR	1
Tetrachloroethene	< 25	ug/kg	8.7	28	1	8260B	6/8/2004	CJR	1
Toluene	< 25	ug/kg	4.3	14	1	8260B	6/8/2004	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	9.8	31	1	8260B	6/8/2004	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	20	65	1	8260B	6/8/2004	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	12	37	1	8260B	6/8/2004	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	14	46	1	8260B	6/8/2004	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	6	19	1	8260B	6/8/2004	CJR	1
Trichlorofluoromethane	< 25	ug/kg	13	42	1	8260B	6/8/2004	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	9.8	31	1	8260B	6/8/2004	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.8	12	1	8260B	6/8/2004	CJR	1
Vinyl Chloride	< 25	ug/kg	6.1	19	1	8260B	6/8/2004	CJR	1
m&p-Xylene	< 50	ug/kg	10	33	1	8260B	6/8/2004	CJR	1
o-Xylene	< 25	ug/kg	6.1	20	1	8260B	6/8/2004	CJR	1

Project Name COWA-NOVAK SITE **Invoice #** E10727
Project #

Lab Code 5010727P
Sample ID SB-25 0-4
Sample Matrix Soil
Sample Date 5/27/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	84.7	%			1	5021	6/2/2004	CJR	1
Organic									
PAH's									
Acenaphthene	< 28	ug/kg	28	89	1	8270C	6/11/2004	MJR	1
Acenaphthylene	< 32	ug/kg	32	100	1	8270C	6/11/2004	MJR	1
Anthracene	< 46	ug/kg	46	150	1	8270C	6/11/2004	MJR	1
Benzo(a)anthracene	< 33	ug/kg	33	110	1	8270C	6/11/2004	MJR	1
Benzo(a)pyrene	< 43	ug/kg	43	140	1	8270C	6/11/2004	MJR	1
Benzo(b)fluoranthene	< 42	ug/kg	42	130	1	8270C	6/11/2004	MJR	1
Benzo(g,h,i)perylene	< 32	ug/kg	32	100	1	8270C	6/11/2004	MJR	1
Benzo(k)fluoranthene	< 45	ug/kg	45	140	1	8270C	6/11/2004	MJR	1
Chrysene	< 46	ug/kg	46	150	1	8270C	6/11/2004	MJR	1
Dibenzo(a,h)anthracene	< 47	ug/kg	47	150	1	8270C	6/11/2004	MJR	1
Fluoranthene	< 30	ug/kg	30	95	1	8270C	6/11/2004	MJR	1
Fluorene	< 32	ug/kg	32	100	1	8270C	6/11/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 56	ug/kg	56	180	1	8270C	6/11/2004	MJR	1
1-Methyl naphthalene	< 47	ug/kg	47	150	1	8270C	6/11/2004	MJR	1
2-Methyl naphthalene	< 22	ug/kg	22	70	1	8270C	6/11/2004	MJR	1
Naphthalene	< 39	ug/kg	39	120	1	8270C	6/11/2004	MJR	1
Phenanthrene	< 36	ug/kg	36	120	1	8270C	6/11/2004	MJR	1
Pyrene	< 39	ug/kg	39	120	1	8270C	6/11/2004	MJR	1

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Code	*Comment*
1	Laboratory QC within limits.
3	The matrix spike not within established limits.
4	The continuing calibration standard not within established limits.

Authorized Signature Michael J. Ricker

CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, LLC

500 W. Franklin St. • Appleton, WI 54911
920-830-2455 • FAX 920-733-0631

Chain # № 942

Page 1 of 1

Sample Handling Request
___ Rush Analysis Date Required ___
(Rushes accepted only with prior authorization)
✓ Normal Turn Around

Lab I.D. #:	
Account No. :	Quote No.:
Project #:	
Sampler: (signature) J. Hosler	
Project (Name / Location): NOVAK SITE / WEST ALLIS	
Reports To: JEFF HOSLER	Invoice To:
Company TEMCO	Company CITY OF WEST ALLIS
Address P.O. BOX 856	Address 7525 W. GREENFIELD AVE.
City State Zip CEDARBURG WI 53012	City State Zip WEST ALLIS WI 53214
Phone 262-675-6206	Phone
FAX 262-675-6170	FAX

Analysis Requested

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	PVOC (EPA 8021)	VOC (EPA 8260)	VOC DW (EPA 524.2)	PAH (EPA 8270)	Total Suspended Solids	Lead	Other Analysis	PID/FID
551937 A	MW-1 18-20	8/2	10:30			N	1	S	NONE						✓				
" B	MW-2 12-14		12:30												✓				
" C	MW-3 9-11		2:45												✓				
" D	MW-4 12-14	8/3	9:30												✓				
" E	MW-5 13.5-14.0		11:30												✓				
" F	MW-16 15-17		2:00												✓				
" G	MW-7 3-5		4:00												✓				

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

SEND INVOICE TO TEMCO

Sample Integrity - To be completed by receiving lab.
Method of Shipment: Dunham
Temp. of Temp. Blank. ___ °C On Ice: ✓
Cooler seal intact upon receipt: ✓ Yes ___ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
J. Hosler	12:25	8/4/04	[signature]	12:25	8-4-04

Received in Laboratory By: [signature] Time: 9:30 AM Date: 8/5/04

Synergy Environmental Lab, LLC

500 W Franklin St, Appleton, WI 54911 * 920-830-2455 * FAX 920-733-0631

JEFF HOSLER
TEMCO
PO BOX 856
CEDARBURG, WI 53012

Report Date *10-Aug-04*

Project Name NOVAK SITE/WEST ALLIS **Invoice #** E10937
Project #

Lab Code 5010937A
Sample ID MW-1 18-20
Sample Matrix Soil
Sample Date 8/2/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	84.0	%			1	5021	8/6/2004	MJR	1
Organic									
PAH's									
Acenaphthene	< 41	ug/kg	41	130	1	M8270	8/6/2004	MJR	1
Acenaphthylene	< 42	ug/kg	42	130	1	M8270	8/6/2004	MJR	1
Anthracene	< 34	ug/kg	34	110	1	M8270	8/6/2004	MJR	1
Benzo(a)anthracene	< 54	ug/kg	54	170	1	M8270	8/6/2004	MJR	1
Benzo(a)pyrene	< 59	ug/kg	59	190	1	M8270	8/6/2004	MJR	1
Benzo(b)fluoranthene	< 42	ug/kg	42	130	1	M8270	8/6/2004	MJR	1
Benzo(g,h,i)perylene	< 82	ug/kg	82	260	1	M8270	8/6/2004	MJR	1
Benzo(k)fluoranthene	< 79	ug/kg	79	250	1	M8270	8/6/2004	MJR	1
Chrysene	< 38	ug/kg	38	120	1	M8270	8/6/2004	MJR	1
Dibenzo(a,h)anthracene	< 76	ug/kg	76	240	1	M8270	8/6/2004	MJR	1
Fluoranthene	< 42	ug/kg	42	130	1	M8270	8/6/2004	MJR	1
Fluorene	< 41	ug/kg	41	130	1	M8270	8/6/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 69	ug/kg	69	220	1	M8270	8/6/2004	MJR	1
1-Methyl naphthalene	< 37	ug/kg	37	120	1	M8270	8/6/2004	MJR	1
2-Methyl naphthalene	< 72	ug/kg	72	230	1	M8270	8/6/2004	MJR	1
Naphthalene	< 40	ug/kg	40	130	1	M8270	8/6/2004	MJR	1
Phenanthrene	22 "J"	ug/kg	20	62	1	M8270	8/6/2004	MJR	1
Pyrene	< 58	ug/kg	58	190	1	M8270	8/6/2004	MJR	1

Project Name NOVAK SITE/WEST ALLIS **Invoice #** E10937
Project #

Lab Code 5010937B
Sample ID MW-2 12-14
Sample Matrix Soil
Sample Date 8/2/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	85.3	%			1	5021	8/6/2004	MJR	1
Organic									
PAH's									
Acenaphthene	< 41	ug/kg	41	130	1	M8270	8/6/2004	MJR	1
Acenaphthylene	< 42	ug/kg	42	130	1	M8270	8/6/2004	MJR	1
Anthracene	< 34	ug/kg	34	110	1	M8270	8/6/2004	MJR	1
Benzo(a)anthracene	< 54	ug/kg	54	170	1	M8270	8/6/2004	MJR	1
Benzo(a)pyrene	< 59	ug/kg	59	190	1	M8270	8/6/2004	MJR	1
Benzo(b)fluoranthene	< 42	ug/kg	42	130	1	M8270	8/6/2004	MJR	1
Benzo(g,h,i)perylene	< 82	ug/kg	82	260	1	M8270	8/6/2004	MJR	1
Benzo(k)fluoranthene	< 79	ug/kg	79	250	1	M8270	8/6/2004	MJR	1
Chrysene	< 38	ug/kg	38	120	1	M8270	8/6/2004	MJR	1
Dibenzo(a,h)anthracene	< 76	ug/kg	76	240	1	M8270	8/6/2004	MJR	1
Fluoranthene	< 42	ug/kg	42	130	1	M8270	8/6/2004	MJR	1
Fluorene	< 41	ug/kg	41	130	1	M8270	8/6/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 69	ug/kg	69	220	1	M8270	8/6/2004	MJR	1
1-Methyl naphthalene	< 37	ug/kg	37	120	1	M8270	8/6/2004	MJR	1
2-Methyl naphthalene	< 72	ug/kg	72	230	1	M8270	8/6/2004	MJR	1
Naphthalene	< 40	ug/kg	40	130	1	M8270	8/6/2004	MJR	1
Phenanthrene	< 20	ug/kg	20	62	1	M8270	8/6/2004	MJR	1
Pyrene	< 58	ug/kg	58	190	1	M8270	8/6/2004	MJR	1

Lab Code 5010937C
Sample ID MW-3 9-11
Sample Matrix Soil
Sample Date 8/2/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	86.9	%			1	5021	8/6/2004	MJR	1
Organic									
PAH's									
Acenaphthene	< 41	ug/kg	41	130	1	M8270	8/6/2004	MJR	1
Acenaphthylene	< 42	ug/kg	42	130	1	M8270	8/6/2004	MJR	1
Anthracene	< 34	ug/kg	34	110	1	M8270	8/6/2004	MJR	1
Benzo(a)anthracene	< 54	ug/kg	54	170	1	M8270	8/6/2004	MJR	1
Benzo(a)pyrene	< 59	ug/kg	59	190	1	M8270	8/6/2004	MJR	1
Benzo(b)fluoranthene	< 42	ug/kg	42	130	1	M8270	8/6/2004	MJR	1
Benzo(g,h,i)perylene	< 82	ug/kg	82	260	1	M8270	8/6/2004	MJR	1
Benzo(k)fluoranthene	< 79	ug/kg	79	250	1	M8270	8/6/2004	MJR	1
Chrysene	< 38	ug/kg	38	120	1	M8270	8/6/2004	MJR	1
Dibenzo(a,h)anthracene	< 76	ug/kg	76	240	1	M8270	8/6/2004	MJR	1
Fluoranthene	< 42	ug/kg	42	130	1	M8270	8/6/2004	MJR	1
Fluorene	< 41	ug/kg	41	130	1	M8270	8/6/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 69	ug/kg	69	220	1	M8270	8/6/2004	MJR	1
1-Methyl naphthalene	< 37	ug/kg	37	120	1	M8270	8/6/2004	MJR	1
2-Methyl naphthalene	< 72	ug/kg	72	230	1	M8270	8/6/2004	MJR	1
Naphthalene	< 40	ug/kg	40	130	1	M8270	8/6/2004	MJR	1
Phenanthrene	< 20	ug/kg	20	62	1	M8270	8/6/2004	MJR	1
Pyrene	< 58	ug/kg	58	190	1	M8270	8/6/2004	MJR	1

Project Name NOVAK SITE/WEST ALLIS **Invoice #** E10937
Project #

Lab Code 5010937D
Sample ID MW-4 12-14
Sample Matrix Soil
Sample Date 8/3/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	85.2	%			1	5021	8/6/2004	MJR	1
Organic									
PAH's									
Acenaphthene	< 41	ug/kg	41	130	1	M8270	8/6/2004	MJR	1
Acenaphthylene	< 42	ug/kg	42	130	1	M8270	8/6/2004	MJR	1
Anthracene	< 34	ug/kg	34	110	1	M8270	8/6/2004	MJR	1
Benzo(a)anthracene	< 54	ug/kg	54	170	1	M8270	8/6/2004	MJR	1
Benzo(a)pyrene	< 59	ug/kg	59	190	1	M8270	8/6/2004	MJR	1
Benzo(b)fluoranthene	< 42	ug/kg	42	130	1	M8270	8/6/2004	MJR	1
Benzo(g,h,i)perylene	< 82	ug/kg	82	260	1	M8270	8/6/2004	MJR	1
Benzo(k)fluoranthene	< 79	ug/kg	79	250	1	M8270	8/6/2004	MJR	1
Chrysene	< 38	ug/kg	38	120	1	M8270	8/6/2004	MJR	1
Dibenzo(a,h)anthracene	< 76	ug/kg	76	240	1	M8270	8/6/2004	MJR	1
Fluoranthene	< 42	ug/kg	42	130	1	M8270	8/6/2004	MJR	1
Fluorene	< 41	ug/kg	41	130	1	M8270	8/6/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 69	ug/kg	69	220	1	M8270	8/6/2004	MJR	1
1-Methyl naphthalene	< 37	ug/kg	37	120	1	M8270	8/6/2004	MJR	1
2-Methyl naphthalene	< 72	ug/kg	72	230	1	M8270	8/6/2004	MJR	1
Naphthalene	< 40	ug/kg	40	130	1	M8270	8/6/2004	MJR	1
Phenanthrene	< 20	ug/kg	20	62	1	M8270	8/6/2004	MJR	1
Pyrene	< 58	ug/kg	58	190	1	M8270	8/6/2004	MJR	1

Lab Code 5010937E
Sample ID MW-5 13.5-14
Sample Matrix Soil
Sample Date 8/3/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	52.1	%			1	5021	8/6/2004	MJR	1
Organic									
PAH's									
Acenaphthene	97 "J"	ug/kg	41	130	1	M8270	8/6/2004	MJR	1
Acenaphthylene	< 42	ug/kg	42	130	1	M8270	8/6/2004	MJR	1
Anthracene	200	ug/kg	34	110	1	M8270	8/6/2004	MJR	1
Benzo(a)anthracene	340	ug/kg	54	170	1	M8270	8/6/2004	MJR	1
Benzo(a)pyrene	320	ug/kg	59	190	1	M8270	8/6/2004	MJR	1
Benzo(b)fluoranthene	410	ug/kg	42	130	1	M8270	8/6/2004	MJR	1
Benzo(g,h,i)perylene	110 "J"	ug/kg	82	260	1	M8270	8/6/2004	MJR	1
Benzo(k)fluoranthene	120 "J"	ug/kg	79	250	1	M8270	8/6/2004	MJR	1
Chrysene	330	ug/kg	38	120	1	M8270	8/6/2004	MJR	1
Dibenzo(a,h)anthracene	< 76	ug/kg	76	240	1	M8270	8/6/2004	MJR	1
Fluoranthene	830	ug/kg	42	130	1	M8270	8/6/2004	MJR	1
Fluorene	140	ug/kg	41	130	1	M8270	8/6/2004	MJR	1
Indeno(1,2,3-cd)pyrene	130 "J"	ug/kg	69	220	1	M8270	8/6/2004	MJR	1
1-Methyl naphthalene	48 "J"	ug/kg	37	120	1	M8270	8/6/2004	MJR	1
2-Methyl naphthalene	< 72	ug/kg	72	230	1	M8270	8/6/2004	MJR	1
Naphthalene	310	ug/kg	40	130	1	M8270	8/6/2004	MJR	1
Phenanthrene	750	ug/kg	20	62	1	M8270	8/6/2004	MJR	1
Pyrene	740	ug/kg	58	190	1	M8270	8/6/2004	MJR	1

Project Name NOVAK SITE/WEST ALLIS **Invoice #** E10937
Project #

Lab Code 5010937F
Sample ID MW-6 15-17
Sample Matrix Soil
Sample Date 8/3/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	82.0	%			1	5021	8/6/2004	MJR	1
Organic									
PAH's									
Acenaphthene	< 28	ug/kg	28	89	1	8270C	8/9/2004	MJR	1
Acenaphthylene	< 32	ug/kg	32	100	1	8270C	8/9/2004	MJR	1
Anthracene	< 46	ug/kg	46	150	1	8270C	8/9/2004	MJR	1
Benzo(a)anthracene	< 33	ug/kg	33	110	1	8270C	8/9/2004	MJR	1
Benzo(a)pyrene	< 43	ug/kg	43	140	1	8270C	8/9/2004	MJR	1
Benzo(b)fluoranthene	< 42	ug/kg	42	130	1	8270C	8/9/2004	MJR	1
Benzo(g,h,i)perylene	< 32	ug/kg	32	100	1	8270C	8/9/2004	MJR	1
Benzo(k)fluoranthene	< 45	ug/kg	45	140	1	8270C	8/9/2004	MJR	1
Chrysene	< 46	ug/kg	46	150	1	8270C	8/9/2004	MJR	1
Dibenzo(a,h)anthracene	< 47	ug/kg	47	150	1	8270C	8/9/2004	MJR	1
Fluoranthene	< 30	ug/kg	30	95	1	8270C	8/9/2004	MJR	1
Fluorene	< 32	ug/kg	32	100	1	8270C	8/9/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 56	ug/kg	56	180	1	8270C	8/9/2004	MJR	1
1-Methyl naphthalene	< 47	ug/kg	47	150	1	8270C	8/9/2004	MJR	1
2-Methyl naphthalene	< 22	ug/kg	22	70	1	8270C	8/9/2004	MJR	1
Naphthalene	< 39	ug/kg	39	120	1	8270C	8/9/2004	MJR	1
Phenanthrene	< 36	ug/kg	36	120	1	8270C	8/9/2004	MJR	1
Pyrene	< 39	ug/kg	39	120	1	8270C	8/9/2004	MJR	1

Lab Code 5010937G
Sample ID MW-7 3-5
Sample Matrix Soil
Sample Date 8/3/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	87.2	%			1	5021	8/6/2004	MJR	1
Organic									
PAH's									
Acenaphthene	< 28	ug/kg	28	89	1	8270C	8/9/2004	MJR	1
Acenaphthylene	< 32	ug/kg	32	100	1	8270C	8/9/2004	MJR	1
Anthracene	< 46	ug/kg	46	150	1	8270C	8/9/2004	MJR	1
Benzo(a)anthracene	< 33	ug/kg	33	110	1	8270C	8/9/2004	MJR	1
Benzo(a)pyrene	< 43	ug/kg	43	140	1	8270C	8/9/2004	MJR	1
Benzo(b)fluoranthene	< 42	ug/kg	42	130	1	8270C	8/9/2004	MJR	1
Benzo(g,h,i)perylene	< 32	ug/kg	32	100	1	8270C	8/9/2004	MJR	1
Benzo(k)fluoranthene	< 45	ug/kg	45	140	1	8270C	8/9/2004	MJR	1
Chrysene	< 46	ug/kg	46	150	1	8270C	8/9/2004	MJR	1
Dibenzo(a,h)anthracene	< 47	ug/kg	47	150	1	8270C	8/9/2004	MJR	1
Fluoranthene	< 30	ug/kg	30	95	1	8270C	8/9/2004	MJR	1
Fluorene	< 32	ug/kg	32	100	1	8270C	8/9/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 56	ug/kg	56	180	1	8270C	8/9/2004	MJR	1
1-Methyl naphthalene	< 47	ug/kg	47	150	1	8270C	8/9/2004	MJR	1
2-Methyl naphthalene	< 22	ug/kg	22	70	1	8270C	8/9/2004	MJR	1
Naphthalene	< 39	ug/kg	39	120	1	8270C	8/9/2004	MJR	1
Phenanthrene	< 36	ug/kg	36	120	1	8270C	8/9/2004	MJR	1
Pyrene	< 39	ug/kg	39	120	1	8270C	8/9/2004	MJR	1

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Code	*Comment*
1	Laboratory QC within limits.

Authorized Signature Michael J. Ricker

CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, LLC

500 W. Franklin St. • Appleton, WI 54911
920-830-2455 • FAX 920-733-0631

Chain # 2943

Page 1 of 1

Sample Handling Request
___ Rush Analysis Date Required ___
(Rushes accepted only with prior authorization)
✓ Normal Turn Around

Lab ID #

Account No.: Quote No.:

Project #:

Sampler: (signature) Jeff Hosler

Project (Name / Location): NOVAK SITE / WEST ALLIS

Reports To: JEFF HOSLER	Invoice To:
Company TEMCO	Company CITY OF WEST ALLIS
Address P.O. BOX 856	Address 7525 W. GREENFIELD AVE.
City State Zip CEDARBURG WI 53012	City State Zip WEST ALLIS WI 53214
Phone 262-675-6206	Phone
FAX 262-675-6170	FAX

Lab ID	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
	MW-8 2-3	8/9				N	2	S	N/A
	MW-8 4-6						1		
	MW-9 8.5-9						1		
	MW-10 4-6						1		
	MW-11 4-6						1		
	MW-12 4-6	8/10					1		
	MW-13 4-6						1		
	MW-14 4-6						2		

Analysis Requested

DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	PVOC (EPA 8021)	VOC (EPA 8260)	VOC DW (EPA 524.2)	PAH (EPA 8270)	Total Suspended Solids	Lead
					✓		✓
					✓		
					✓		
					✓		
					✓		
					✓		
					✓		
					✓		✓

Other Analysis

PCB																		PID/ FID
✓																		

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

SEND INVOICE TO TEMCO

Sample Integrity - To be completed by receiving lab.
Method of Shipment:
Temp. of Temp. Blank: C On Ice:
Cooler custody seal intact upon receipt: Yes No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
Jeff Hosler	2:25	11AUG04		2:25	8.11.04

Received in Laboratory By: Time: Date:

Synergy Environmental Lab, LLC

500 W Franklin St, Appleton, WI 54911 * 920-830-2455 * FAX 920-733-0631

JEFF HOSLER
TEMCO
P.O. Box 856
Cedarburg, WI 53012

Report Date *24-Aug-04*

Project Name NOVAK SITE/WEST ALLIS **Invoice #** E10955
Project #

Lab Code 5010955A
Sample ID MW-8 2-3
Sample Matrix Soil
Sample Date 8/9/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	80.9	%			1	5021	8/16/2004	CJR	1
Organic									
General									
PCB-1221	< 0.061	mg/kg	0.061		3	M8270	8/20/2004	MJR	1
PCB-1260	< 0.061	mg/kg	0.061		3	M8270	8/20/2004	MJR	1
PCB-1254	< 0.061	mg/kg	0.061		3	M8270	8/20/2004	MJR	1
PCB-1016	< 0.061	mg/kg	0.061		3	M8270	8/20/2004	MJR	1
PCB-1248	< 0.061	mg/kg	0.061		3	M8270	8/20/2004	MJR	1
PCB-1242	< 0.061	mg/kg	0.061		3	M8270	8/20/2004	MJR	1
PCB-1232	< 0.061	mg/kg	0.061		3	M8270	8/20/2004	MJR	1
PAH's									
Acenaphthene	110 "J"	ug/kg	41	130	1	M8270	8/13/2004	MJR	1
Acenaphthylene	310	ug/kg	42	130	1	M8270	8/13/2004	MJR	1
Anthracene	410	ug/kg	34	110	1	M8270	8/13/2004	MJR	1
Benzo(a)anthracene	1200	ug/kg	54	170	1	M8270	8/13/2004	MJR	1
Benzo(a)pyrene	1300	ug/kg	59	190	1	M8270	8/13/2004	MJR	1
Benzo(b)fluoranthene	1800	ug/kg	210	650	5	M8270	8/13/2004	MJR	1
Benzo(g,h,i)perylene	300	ug/kg	82	260	1	M8270	8/13/2004	MJR	1
Benzo(k)fluoranthene	950	ug/kg	79	250	1	M8270	8/13/2004	MJR	1
Chrysene	1500	ug/kg	38	120	1	M8270	8/13/2004	MJR	1
Dibenzo(a,h)anthracene	120 "J"	ug/kg	76	240	1	M8270	8/13/2004	MJR	1
Fluoranthene	3400	ug/kg	210	650	5	M8270	8/13/2004	MJR	1
Fluorene	170	ug/kg	41	130	1	M8270	8/13/2004	MJR	1
Indeno(1,2,3-cd)pyrene	310	ug/kg	69	220	1	M8270	8/13/2004	MJR	1
1-Methyl naphthalene	41 "J"	ug/kg	37	120	1	M8270	8/13/2004	MJR	1
2-Methyl naphthalene	< 72	ug/kg	72	230	1	M8270	8/13/2004	MJR	1
Naphthalene	78 "J"	ug/kg	40	130	1	M8270	8/13/2004	MJR	1
Phenanthrene	1400	ug/kg	20	62	1	M8270	8/13/2004	MJR	1

Project Name NOVAK SITE/WEST ALLIS **Invoice #** E10955
Project #

Lab Code 5010955A
Sample ID MW-8 2-3
Sample Matrix Soil
Sample Date 8/9/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Pyrene	3000	ug/kg	290	950	5	M8270	8/13/2004	MJR	1

Lab Code 5010955B
Sample ID MW-8 4-6
Sample Matrix Soil
Sample Date 8/9/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	87.2	%			1	5021	8/16/2004	CJR	1
Organic									
PAH's									
Acenaphthene	< 41	ug/kg	41	130	1	M8270	8/13/2004	MJR	1
Acenaphthylene	< 42	ug/kg	42	130	1	M8270	8/13/2004	MJR	1
Anthracene	< 34	ug/kg	34	110	1	M8270	8/13/2004	MJR	1
Benzo(a)anthracene	< 54	ug/kg	54	170	1	M8270	8/13/2004	MJR	1
Benzo(a)pyrene	< 59	ug/kg	59	190	1	M8270	8/13/2004	MJR	1
Benzo(b)fluoranthene	< 42	ug/kg	42	130	1	M8270	8/13/2004	MJR	1
Benzo(g,h,i)perylene	< 82	ug/kg	82	260	1	M8270	8/13/2004	MJR	1
Benzo(k)fluoranthene	< 79	ug/kg	79	250	1	M8270	8/13/2004	MJR	1
Chrysene	< 38	ug/kg	38	120	1	M8270	8/13/2004	MJR	1
Dibenzo(a,h)anthracene	< 76	ug/kg	76	240	1	M8270	8/13/2004	MJR	1
Fluoranthene	< 42	ug/kg	42	130	1	M8270	8/13/2004	MJR	1
Fluorene	< 41	ug/kg	41	130	1	M8270	8/13/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 69	ug/kg	69	220	1	M8270	8/13/2004	MJR	1
1-Methyl naphthalene	< 37	ug/kg	37	120	1	M8270	8/13/2004	MJR	1
2-Methyl naphthalene	< 72	ug/kg	72	230	1	M8270	8/13/2004	MJR	1
Naphthalene	< 40	ug/kg	40	130	1	M8270	8/13/2004	MJR	1
Phenanthrene	< 20	ug/kg	20	62	1	M8270	8/13/2004	MJR	1
Pyrene	< 58	ug/kg	58	190	1	M8270	8/13/2004	MJR	1

Lab Code 5010955C
Sample ID MW-9 8.5-9
Sample Matrix Soil
Sample Date 8/9/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	87.2	%			1	5021	8/16/2004	CJR	1
Organic									
PAH's									
Acenaphthene	< 41	ug/kg	41	130	1	M8270	8/13/2004	MJR	1
Acenaphthylene	< 42	ug/kg	42	130	1	M8270	8/13/2004	MJR	1
Anthracene	< 34	ug/kg	34	110	1	M8270	8/13/2004	MJR	1
Benzo(a)anthracene	< 54	ug/kg	54	170	1	M8270	8/13/2004	MJR	1
Benzo(a)pyrene	< 59	ug/kg	59	190	1	M8270	8/13/2004	MJR	1
Benzo(b)fluoranthene	< 42	ug/kg	42	130	1	M8270	8/13/2004	MJR	1
Benzo(g,h,i)perylene	< 82	ug/kg	82	260	1	M8270	8/13/2004	MJR	1
Benzo(k)fluoranthene	< 79	ug/kg	79	250	1	M8270	8/13/2004	MJR	1
Chrysene	< 38	ug/kg	38	120	1	M8270	8/13/2004	MJR	1
Dibenzo(a,h)anthracene	< 76	ug/kg	76	240	1	M8270	8/13/2004	MJR	1

Project Name NOVAK SITE/WEST ALLIS **Invoice #** E10955
Proiect #

Lab Code 5010955C
Sample ID MW-9 8.5-9
Sample Matrix Soil
Sample Date 8/9/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Fluoranthene	< 42	ug/kg	42	130	1	M8270	8/13/2004	MJR	1
Fluorene	< 41	ug/kg	41	130	1	M8270	8/13/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 69	ug/kg	69	220	1	M8270	8/13/2004	MJR	1
1-Methyl naphthalene	< 37	ug/kg	37	120	1	M8270	8/13/2004	MJR	1
2-Methyl naphthalene	< 72	ug/kg	72	230	1	M8270	8/13/2004	MJR	1
Naphthalene	< 40	ug/kg	40	130	1	M8270	8/13/2004	MJR	1
Phenanthrene	< 20	ug/kg	20	62	1	M8270	8/13/2004	MJR	1
Pyrene	< 58	ug/kg	58	190	1	M8270	8/13/2004	MJR	1

Lab Code 5010955D
Sample ID MW-10 4-6
Sample Matrix Soil
Sample Date 8/9/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	87.4	%			1	5021	8/16/2004	CJR	1
Organic									
PAH's									
Acenaphthene	< 41	ug/kg	41	130	1	M8270	8/13/2004	MJR	1
Acenaphthylene	< 42	ug/kg	42	130	1	M8270	8/13/2004	MJR	1
Anthracene	< 34	ug/kg	34	110	1	M8270	8/13/2004	MJR	1
Benzo(a)anthracene	< 54	ug/kg	54	170	1	M8270	8/13/2004	MJR	1
Benzo(a)pyrene	< 59	ug/kg	59	190	1	M8270	8/13/2004	MJR	1
Benzo(b)fluoranthene	< 42	ug/kg	42	130	1	M8270	8/13/2004	MJR	1
Benzo(g,h,i)perylene	< 82	ug/kg	82	260	1	M8270	8/13/2004	MJR	1
Benzo(k)fluoranthene	< 79	ug/kg	79	250	1	M8270	8/13/2004	MJR	1
Chrysene	< 38	ug/kg	38	120	1	M8270	8/13/2004	MJR	1
Dibenzo(a,h)anthracene	< 76	ug/kg	76	240	1	M8270	8/13/2004	MJR	1
Fluoranthene	< 42	ug/kg	42	130	1	M8270	8/13/2004	MJR	1
Fluorene	< 41	ug/kg	41	130	1	M8270	8/13/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 69	ug/kg	69	220	1	M8270	8/13/2004	MJR	1
1-Methyl naphthalene	< 37	ug/kg	37	120	1	M8270	8/13/2004	MJR	1
2-Methyl naphthalene	< 72	ug/kg	72	230	1	M8270	8/13/2004	MJR	1
Naphthalene	< 40	ug/kg	40	130	1	M8270	8/13/2004	MJR	1
Phenanthrene	< 20	ug/kg	20	62	1	M8270	8/13/2004	MJR	1
Pyrene	< 58	ug/kg	58	190	1	M8270	8/13/2004	MJR	1

Lab Code 5010955E
Sample ID MW-11 4-6
Sample Matrix Soil
Sample Date 8/9/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	79.2	%			1	5021	8/16/2004	CJR	1
Organic									
PAH's									
Acenaphthene	< 41	ug/kg	41	130	1	M8270	8/13/2004	MJR	1
Acenaphthylene	< 42	ug/kg	42	130	1	M8270	8/13/2004	MJR	1
Anthracene	< 34	ug/kg	34	110	1	M8270	8/13/2004	MJR	1

Project Name NOVAK SITE/WEST ALLIS **Invoice #** E10955
Project #

Lab Code 5010955E
Sample ID MW-11 4-6
Sample Matrix Soil
Sample Date 8/9/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Benzo(a)anthracene	< 54	ug/kg	54	170	1	M8270	8/13/2004	MJR	1
Benzo(a)pyrene	< 59	ug/kg	59	190	1	M8270	8/13/2004	MJR	1
Benzo(b)fluoranthene	< 42	ug/kg	42	130	1	M8270	8/13/2004	MJR	1
Benzo(g,h,i)perylene	< 82	ug/kg	82	260	1	M8270	8/13/2004	MJR	1
Benzo(k)fluoranthene	< 79	ug/kg	79	250	1	M8270	8/13/2004	MJR	1
Chrysene	< 38	ug/kg	38	120	1	M8270	8/13/2004	MJR	1
Dibenzo(a,h)anthracene	< 76	ug/kg	76	240	1	M8270	8/13/2004	MJR	1
Fluoranthene	< 42	ug/kg	42	130	1	M8270	8/13/2004	MJR	1
Fluorene	< 41	ug/kg	41	130	1	M8270	8/13/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 69	ug/kg	69	220	1	M8270	8/13/2004	MJR	1
1-Methyl naphthalene	< 37	ug/kg	37	120	1	M8270	8/13/2004	MJR	1
2-Methyl naphthalene	< 72	ug/kg	72	230	1	M8270	8/13/2004	MJR	1
Naphthalene	< 40	ug/kg	40	130	1	M8270	8/13/2004	MJR	1
Phenanthrene	< 20	ug/kg	20	62	1	M8270	8/13/2004	MJR	1
Pyrene	< 58	ug/kg	58	190	1	M8270	8/13/2004	MJR	1

Lab Code 5010955F
Sample ID MW-12 4-6
Sample Matrix Soil
Sample Date 8/9/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	89.4	%			1	5021	8/16/2004	CJR	1
Organic									
PAH's									
Acenaphthene	1400	ug/kg	41	130	1	M8270	8/13/2004	MJR	1
Acenaphthylene	240	ug/kg	42	130	1	M8270	8/13/2004	MJR	1
Anthracene	5700 "J"	ug/kg	1700	5500	50	M8270	8/13/2004	MJR	1
Benzo(a)anthracene	11000	ug/kg	2700	8500	50	M8270	8/13/2004	MJR	1
Benzo(a)pyrene	9700	ug/kg	3000	9500	50	M8270	8/13/2004	MJR	1
Benzo(b)fluoranthene	12000	ug/kg	2100	6500	50	M8270	8/13/2004	MJR	1
Benzo(g,h,i)perylene	4600 "J"	ug/kg	4100	13000	50	M8270	8/13/2004	MJR	1
Benzo(k)fluoranthene	4100 "J"	ug/kg	4000	13000	50	M8270	8/13/2004	MJR	1
Chrysene	11000	ug/kg	1900	6000	50	M8270	8/13/2004	MJR	1
Dibenzo(a,h)anthracene	630	ug/kg	76	240	1	M8270	8/13/2004	MJR	1
Fluoranthene	28000	ug/kg	2100	6500	50	M8270	8/13/2004	MJR	1
Fluorene	2300 "J"	ug/kg	2100	6500	50	M8270	8/13/2004	MJR	1
Indeno(1,2,3-cd)pyrene	4300 "J"	ug/kg	3500	11000	50	M8270	8/13/2004	MJR	1
1-Methyl naphthalene	210	ug/kg	37	120	1	M8270	8/13/2004	MJR	1
2-Methyl naphthalene	240	ug/kg	72	230	1	M8270	8/13/2004	MJR	1
Naphthalene	600	ug/kg	40	130	1	M8270	8/13/2004	MJR	1
Phenanthrene	20000	ug/kg	1000	3100	50	M8270	8/13/2004	MJR	1
Pyrene	24000	ug/kg	2900	9500	50	M8270	8/13/2004	MJR	1

Project Name NOVAK SITE/WEST ALLIS **Invoice #** E10955
Project #

Lab Code 5010955G
Sample ID MW-13 4-6
Sample Matrix Soil
Sample Date 8/9/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	84.7	%			1	5021	8/16/2004	CJR	1
Organic									
PAH's									
Acenaphthene	< 41	ug/kg	41	130	1	M8270	8/13/2004	MJR	1
Acenaphthylene	< 42	ug/kg	42	130	1	M8270	8/13/2004	MJR	1
Anthracene	< 34	ug/kg	34	110	1	M8270	8/13/2004	MJR	1
Benzo(a)anthracene	< 54	ug/kg	54	170	1	M8270	8/13/2004	MJR	1
Benzo(a)pyrene	< 59	ug/kg	59	190	1	M8270	8/13/2004	MJR	1
Benzo(b)fluoranthene	< 42	ug/kg	42	130	1	M8270	8/13/2004	MJR	1
Benzo(g,h,i)perylene	< 82	ug/kg	82	260	1	M8270	8/13/2004	MJR	1
Benzo(k)fluoranthene	< 79	ug/kg	79	250	1	M8270	8/13/2004	MJR	1
Chrysene	< 38	ug/kg	38	120	1	M8270	8/13/2004	MJR	1
Dibenzo(a,h)anthracene	< 76	ug/kg	76	240	1	M8270	8/13/2004	MJR	1
Fluoranthene	< 42	ug/kg	42	130	1	M8270	8/13/2004	MJR	1
Fluorene	< 41	ug/kg	41	130	1	M8270	8/13/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 69	ug/kg	69	220	1	M8270	8/13/2004	MJR	1
1-Methyl naphthalene	< 37	ug/kg	37	120	1	M8270	8/13/2004	MJR	1
2-Methyl naphthalene	< 72	ug/kg	72	230	1	M8270	8/13/2004	MJR	1
Naphthalene	< 40	ug/kg	40	130	1	M8270	8/13/2004	MJR	1
Phenanthrene	21 "J"	ug/kg	20	62	1	M8270	8/13/2004	MJR	1
Pyrene	< 58	ug/kg	58	190	1	M8270	8/13/2004	MJR	1

Lab Code 5010955H
Sample ID MW-14 4-6
Sample Matrix Soil
Sample Date 8/9/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	85.6	%			1	5021	8/16/2004	CJR	1
Organic									
General									
PCB-1254	0.26	mg/kg	0.1		5	M8270	8/20/2004	MJR	6
PCB-1260	< 0.1	mg/kg	0.1		5	M8270	8/20/2004	MJR	6
PCB-1248	< 0.1	mg/kg	0.1		5	M8270	8/20/2004	MJR	6
PCB-1242	< 0.1	mg/kg	0.1		5	M8270	8/20/2004	MJR	6
PCB-1016	< 0.1	mg/kg	0.1		5	M8270	8/20/2004	MJR	6
PCB-1232	< 0.1	mg/kg	0.1		5	M8270	8/20/2004	MJR	6
PCB-1221	< 0.1	mg/kg	0.1		5	M8270	8/20/2004	MJR	6
PAH's									
Acenaphthene	370	ug/kg	41	130	1	M8270	8/13/2004	MJR	1
Acenaphthylene	< 42	ug/kg	42	130	1	M8270	8/13/2004	MJR	1
Anthracene	170	ug/kg	34	110	1	M8270	8/13/2004	MJR	1
Benzo(a)anthracene	380	ug/kg	54	170	1	M8270	8/13/2004	MJR	1
Benzo(a)pyrene	380	ug/kg	59	190	1	M8270	8/13/2004	MJR	1
Benzo(b)fluoranthene	680	ug/kg	42	130	1	M8270	8/13/2004	MJR	1
Benzo(g,h,i)perylene	< 82	ug/kg	82	260	1	M8270	8/13/2004	MJR	1
Benzo(k)fluoranthene	270	ug/kg	79	250	1	M8270	8/13/2004	MJR	1
Chrysene	430	ug/kg	38	120	1	M8270	8/13/2004	MJR	1
Dibenzo(a,h)anthracene	< 76	ug/kg	76	240	1	M8270	8/13/2004	MJR	1

Project Name NOVAK SITE/WEST ALLIS **Invoice #** E10955
Project #

Lab Code 5010955H
Sample ID MW-14 4-6
Sample Matrix Soil
Sample Date 8/9/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Fluoranthene	800	ug/kg	42	130	1	M8270	8/13/2004	MJR	1
Fluorene	240	ug/kg	41	130	1	M8270	8/13/2004	MJR	1
Indeno(1,2,3-cd)pyrene	74 "J"	ug/kg	69	220	1	M8270	8/13/2004	MJR	1
1-Methyl naphthalene	110 "J"	ug/kg	37	120	1	M8270	8/13/2004	MJR	1
2-Methyl naphthalene	220 "J"	ug/kg	72	230	1	M8270	8/13/2004	MJR	1
Naphthalene	180	ug/kg	40	130	1	M8270	8/13/2004	MJR	1
Phenanthrene	680	ug/kg	20	62	1	M8270	8/13/2004	MJR	1
Pyrene	930	ug/kg	58	190	1	M8270	8/13/2004	MJR	1

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Code	*Comment*
1	Laboratory QC within limits.
6	The surrogate recovery not within established limits.

Authorized Signature Michael J. Ricker

CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, LLC

500 W. Franklin St. • Appleton, WI 54911
920-830-2455 • FAX 920-733-0631

Chain # Nº 2943

Page 1 of 1

Sample Handling Request
___ Rush Analysis Date Required ____
(Rushes accepted only with prior authorization)
✓ Normal Turn Around

Lab I.D. #

Account No. : | Quote No.:

Project #:

Sampler: (signature) J. Hosler

Project (Name / Location): NOVAK SITE / WEST ALLIS

Reports To: JEFF HOSLER	Invoice To:
Company TEMCO	Company CITY OF WEST ALLIS
Address P.O. Box 856	Address 7525 W. GREENFIELD AVE.
City State Zip CEDARBURG WI 53012	City State Zip WEST ALLIS WI 53214
Phone 262-675-6206	Phone
FAX 262-675-6170	FAX

Analysis Requested

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	PVOC (EPA 8021)	VOC (EPA 8260)	VOC DW (EPA 524.2)	PAH (EPA 8270)	Total Suspended Solids	Lead	Other Analysis: PCB	Other Analysis	PID/ FID
50955 A	MW-8 2-3	8/9				N	2	S	N/A						✓			✓		
" B	MW-8 4-6	"				"	1	"	"						✓					
" C	MW-9 8.5-9	"				"	1	"	"						✓					
" D	MW-10 4-6	"				"	1	"	"						✓					
" E	MW-11 4-6	"				"	1	"	"						✓					
" F	MW-12 4-6	8/10				"	1	"	"						✓					
" G	MW-13 4-6	"				"	1	"	"						✓					
" H	MW-14 4-6	"				"	2	"	"						✓			✓		

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

SEND INVOICE TO TEMCO

Sample Integrity - To be completed by receiving lab.
Method of Shipment: Dunham
Temp. of Temp. Blank. ____ °C On Ice: X
Cooler seal intact upon receipt: X Yes ____ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
J. Hosler	2:25	11AUG04		2:25	8/11/04

Received in Laboratory By: [signature] Time: 8:10AM Date: 8/12/04

CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, LLC

500 W. Franklin St. • Appleton, WI 54911
920-830-2455 • FAX 920-733-0631

Chain # No 2954

Page 1 of 2

Sample Handling Request
___ Rush Analysis Date Required ____
(Rushes accepted only with prior authorization)
✓ Normal Turn Around

Lab I.D. #

Account No. : | Quote No.:

Project #:

Sampler: (signature) J.R. Hosler

Project (Name / Location): NOVAK SITE / WEST ALLIS

Reports To: JEFF HOSLER	Invoice To:
Company TEMCO	Company CITY OF WEST ALLIS
Address P.O. BOX 856	Address 7525 W. GREENFIELD AVE
City State Zip CEDARBURG WI 53012	City State Zip WEST ALLIS WI 53214
Phone 262-675-6206	Phone
FAX 262-675-6170	FAX

Analysis Requested

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	PVOC (EPA 8021)	VOC (EPA 8260)	VOC DW (EPA 524.2)	PAH (EPA 8270)	Total Suspended Solids	Lead	Other Analysis	PID/ FID
501098 9A	MW-1	8/23				N	3	GW	HCl				✓		✓				
B	MW-2												✓		✓				
C	MW-3												✓		✓				
D	MW-4												✓		✓				
E	MW-5												✓		✓				
F	MW-6												✓		✓				
G	MW-7												✓		✓				
H	MW-8												✓		✓				
I	MW-9												✓		✓				
J	MW-10												✓		✓				

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

SEND INVOICE TO TEMCO

Sample Integrity - To be completed by receiving lab.
Method of Shipment : Driven
Temp. of Temp. Blank. ____ °C On Ice: X
Cooler seal intact upon receipt: X Yes ____ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
J.R. Hosler		8-24-04			8-24-04

Received in Laboratory By: Christopher Rose Time: 9:30 Date: 8-25-04

CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, LLC

500 W. Franklin St. • Appleton, WI 54911
920-830-2455 • FAX 920-733-0631

Chain # Nº 2953

Page 2 of 2

Sample Handling Request
___ Rush Analysis Date Required ____
(Rushes accepted only with prior authorization)
___ Normal Turn Around

Lab I.D. #:

Account No. :

Quote No.:

Project #:

Sampler: (signature) J. Hosler

Project (Name / Location): NOVAK SITE / WEST ALLIS

Reports To:	Invoice To:
Company	Company
Address	Address
City State Zip	City State Zip
Phone	Phone
FAX	FAX

Analysis Requested

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	PVOC (EPA 8021)	VOC (EPA 8260)	VOC DW (EPA 524.2)	PAH (EPA 8270)	Total Suspended Solids	Lead	Other Analysis	PID/ FID
Sol0838-K	MW-11	8/23				N	3	GW	HCl				✓		✓				
L	MW-12	"			"	"	"	"	"				✓		✓				
M	MW-13	"			"	"	"	"	"				✓		✓				
N	MW-14	"			"	"	"	"	"				✓		✓				

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

Sample Integrity - To be completed by receiving lab.
Method of Shipment : Rundown
Temp. of Temp. Blank. ____ °C On Ice: X
Cooler seal intact upon receipt: Y Yes ____ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
J. Hosler		8-24-04			8-24-04

Received in Laboratory By: [signature] Time: 9:30 Date: 8-25-04

Synergy Environmental Lab, LLC

500 W Franklin St, Appleton, WI 54911 * 920-830-2455 * FAX 920-733-0631

JEFF HOSLER
TEMCO
P.O. Box 856
Cedarburg, WI 53012

Report Date *31-Aug-04*

Project Name NOVAK SITE **Invoice #** E10989
Project #

Lab Code 5010989A
Sample ID MW-1
Sample Matrix Water
Sample Date 8/23/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PAH SIM									
Acenaphthene	0.35	ug/l	0.032	0.100	1	M8270	8/30/2004	MJR	1
Acenaphthylene	0.059	ug/l	0.015	0.049	1	M8270	8/30/2004	MJR	1
Anthracene	0.15	ug/l	0.023	0.072	1	M8270	8/30/2004	MJR	1
Benzo(a)anthracene	0.17	ug/l	0.031	0.097	1	M8270	8/30/2004	MJR	1
Benzo(a)pyrene	0.17	ug/l	0.008	0.025	1	M8270	8/30/2004	MJR	1
Benzo(b)fluoranthene	0.29	ug/l	0.009	0.028	1	M8270	8/30/2004	MJR	1
Benzo(g,h,i)perylene	0.21	ug/l	0.016	0.051	1	M8270	8/30/2004	MJR	1
Benzo(k)fluoranthene	0.12	ug/l	0.024	0.077	1	M8270	8/30/2004	MJR	1
Chrysene	0.22	ug/l	0.007	0.023	1	M8270	8/30/2004	MJR	1
Dibenzo(a,h)anthracene	< 0.037	ug/l	0.037	0.118	1	M8270	8/30/2004	MJR	1
Fluoranthene	0.55	ug/l	0.024	0.076	1	M8270	8/30/2004	MJR	1
Fluorene	0.29	ug/l	0.015	0.048	1	M8270	8/30/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 0.021	ug/l	0.021	0.065	1	M8270	8/30/2004	MJR	1
1-Methyl naphthalene	0.44	ug/l	0.026	0.082	1	M8270	8/30/2004	MJR	1
2-Methyl naphthalene	0.46	ug/l	0.03	0.094	1	M8270	8/30/2004	MJR	1
Naphthalene	2.1	ug/l	0.026	0.081	1	M8270	8/30/2004	MJR	1
Phenanthrene	0.84	ug/l	0.045	0.143	1	M8270	8/30/2004	MJR	1
Pyrene	0.42	ug/l	0.023	0.072	1	M8270	8/30/2004	MJR	1
VOC's									
Benzene	0.61 "J"	ug/l	0.29	0.91	1	8260B	8/26/2004	CJR	1
Bromobenzene	< 0.39	ug/l	0.39	1.3	1	8260B	8/26/2004	CJR	1
Bromodichloromethane	< 0.2	ug/l	0.2	0.65	1	8260B	8/26/2004	CJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B	8/26/2004	CJR	1
tert-Butylbenzene	< 0.31	ug/l	0.31	0.99	1	8260B	8/26/2004	CJR	1
sec-Butylbenzene	< 0.21	ug/l	0.21	0.68	1	8260B	8/26/2004	CJR	1
n-Butylbenzene	< 0.39	ug/l	0.39	1.2	1	8260B	8/26/2004	CJR	1
Carbon Tetrachloride	< 0.16	ug/l	0.16	0.52	1	8260B	8/26/2004	CJR	1
Chlorobenzene	< 0.22	ug/l	0.22	0.69	1	8260B	8/26/2004	CJR	1
Chloroethane	< 0.38	ug/l	0.38	1.2	1	8260B	8/26/2004	CJR	1

Project Name NOVAK SITE **Invoice #** E10989
Project #

Lab Code 5010989A
Sample ID MW-1
Sample Matrix Water
Sample Date 8/23/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Chloroform	< 0.25	ug/l	0.25	0.79	1	8260B	8/26/2004	CJR	1
Chloromethane	< 0.6	ug/l	0.6	1.9	1	8260B	8/26/2004	CJR	1
2-Chlorotoluene	< 0.3	ug/l	0.3	0.95	1	8260B	8/26/2004	CJR	1
4-Chlorotoluene	< 0.39	ug/l	0.39	1.3	1	8260B	8/26/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 0.99	ug/l	0.99	3.1	1	8260B	8/26/2004	CJR	1
Dibromochloromethane	< 0.34	ug/l	0.34	1.1	1	8260B	8/26/2004	CJR	1
1,4-Dichlorobenzene	< 0.63	ug/l	0.63	2	1	8260B	8/26/2004	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	8260B	8/26/2004	CJR	1
1,2-Dichlorobenzene	< 0.52	ug/l	0.52	1.7	1	8260B	8/26/2004	CJR	1
Dichlorodifluoromethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/26/2004	CJR	3 4
1,2-Dichloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	8/26/2004	CJR	1
1,1-Dichloroethane	< 0.3	ug/l	0.3	0.95	1	8260B	8/26/2004	CJR	1
1,1-Dichloroethene	< 0.39	ug/l	0.39	1.2	1	8260B	8/26/2004	CJR	1
cis-1,2-Dichloroethene	< 0.29	ug/l	0.29	0.91	1	8260B	8/26/2004	CJR	1
trans-1,2-Dichloroethene	< 0.22	ug/l	0.22	0.7	1	8260B	8/26/2004	CJR	1
1,2-Dichloropropane	< 0.35	ug/l	0.35	1.1	1	8260B	8/26/2004	CJR	1
2,2-Dichloropropane	< 0.51	ug/l	0.51	1.6	1	8260B	8/26/2004	CJR	1
1,3-Dichloropropane	< 0.28	ug/l	0.28	0.89	1	8260B	8/26/2004	CJR	1
Di-isopropyl ether	< 0.27	ug/l	0.27	0.87	1	8260B	8/26/2004	CJR	1
EDB (1,2-Dibromoethane)	< 0.27	ug/l	0.27	0.85	1	8260B	8/26/2004	CJR	1
Ethylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	8/26/2004	CJR	1
Hexachlorobutadiene	< 0.62	ug/l	0.62	2	1	8260B	8/26/2004	CJR	1
Isopropylbenzene	< 0.19	ug/l	0.19	0.59	1	8260B	8/26/2004	CJR	1
p-Isopropyltoluene	< 0.3	ug/l	0.3	0.95	1	8260B	8/26/2004	CJR	1
Methylene chloride	< 0.7	ug/l	0.7	2.2	1	8260B	8/26/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.2	ug/l	0.2	0.64	1	8260B	8/26/2004	CJR	1
Naphthalene	3.2	ug/l	0.6	1.9	1	8260B	8/26/2004	CJR	1
n-Propylbenzene	< 0.32	ug/l	0.32	1	1	8260B	8/26/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.69	1	8260B	8/26/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 0.27	ug/l	0.27	0.86	1	8260B	8/26/2004	CJR	1
Tetrachloroethene	< 0.7	ug/l	0.7	2.2	1	8260B	8/26/2004	CJR	1
Toluene	< 0.57	ug/l	0.57	1.8	1	8260B	8/26/2004	CJR	1
1,2,4-Trichlorobenzene	< 0.79	ug/l	0.79	2.5	1	8260B	8/26/2004	CJR	1
1,2,3-Trichlorobenzene	< 0.5	ug/l	0.5	1.6	1	8260B	8/26/2004	CJR	1
1,1,1-Trichloroethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/26/2004	CJR	1
1,1,2-Trichloroethane	< 0.25	ug/l	0.25	0.79	1	8260B	8/26/2004	CJR	1
Trichloroethene (TCE)	< 0.27	ug/l	0.27	0.87	1	8260B	8/26/2004	CJR	1
Trichlorofluoromethane	< 0.22	ug/l	0.22	0.71	1	8260B	8/26/2004	CJR	1
1,2,4-Trimethylbenzene	< 0.51	ug/l	0.51	1.6	1	8260B	8/26/2004	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.1	1	8260B	8/26/2004	CJR	1
Vinyl Chloride	< 0.21	ug/l	0.21	0.66	1	8260B	8/26/2004	CJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B	8/26/2004	CJR	1
o-Xylene	< 0.64	ug/l	0.64	2	1	8260B	8/26/2004	CJR	1

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Sample ID MW-2
Sample Matrix Water
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	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PAH SIM									
Acenaphthene	0.60 "J"	ug/l	0.32	1	10	M8270	8/30/2004	MJR	1
Acenaphthylene	0.50 "J"	ug/l	0.15	0.49	10	M8270	8/30/2004	MJR	1
Anthracene	1.7	ug/l	0.23	0.72	10	M8270	8/30/2004	MJR	1
Benzo(a)anthracene	6.4	ug/l	0.31	0.97	10	M8270	8/30/2004	MJR	1

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	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Benzo(a)pyrene	8.6	ug/l	0.08	0.25	10	M8270	8/30/2004	MJR	1
Benzo(b)fluoranthene	13	ug/l	0.09	0.28	10	M8270	8/30/2004	MJR	1
Benzo(g,h,i)perylene	6.8	ug/l	0.16	0.51	10	M8270	8/30/2004	MJR	1
Benzo(k)fluoranthene	3.7	ug/l	0.24	0.77	10	M8270	8/30/2004	MJR	1
Chrysene	7.9	ug/l	0.07	0.23	10	M8270	8/30/2004	MJR	1
Dibenzo(a,h)anthracene	< 0.37	ug/l	0.37	1.2	10	M8270	8/30/2004	MJR	1
Fluoranthene	16	ug/l	0.24	0.76	10	M8270	8/30/2004	MJR	1
Fluorene	0.40 "J"	ug/l	0.15	0.48	10	M8270	8/30/2004	MJR	1
Indeno(1,2,3-cd)pyrene	5.6	ug/l	0.21	0.65	10	M8270	8/30/2004	MJR	1
1-Methyl naphthalene	< 0.26	ug/l	0.26	0.82	10	M8270	8/30/2004	MJR	1
2-Methyl naphthalene	< 0.3	ug/l	0.3	0.94	10	M8270	8/30/2004	MJR	1
Naphthalene	< 0.26	ug/l	0.26	0.81	10	M8270	8/30/2004	MJR	1
Phenanthrene	3.2	ug/l	0.45	1.4	10	M8270	8/30/2004	MJR	1
Pyrene	13	ug/l	0.23	0.72	10	M8270	8/30/2004	MJR	1
VOC's									
Benzene	< 0.29	ug/l	0.29	0.91	1	8260B	8/26/2004	CJR	1
Bromobenzene	< 0.39	ug/l	0.39	1.3	1	8260B	8/26/2004	CJR	1
Bromodichloromethane	< 0.2	ug/l	0.2	0.65	1	8260B	8/26/2004	CJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B	8/26/2004	CJR	1
tert-Butylbenzene	< 0.31	ug/l	0.31	0.99	1	8260B	8/26/2004	CJR	1
sec-Butylbenzene	< 0.21	ug/l	0.21	0.68	1	8260B	8/26/2004	CJR	1
n-Butylbenzene	< 0.39	ug/l	0.39	1.2	1	8260B	8/26/2004	CJR	1
Carbon Tetrachloride	< 0.16	ug/l	0.16	0.52	1	8260B	8/26/2004	CJR	1
Chlorobenzene	< 0.22	ug/l	0.22	0.69	1	8260B	8/26/2004	CJR	1
Chloroethane	< 0.38	ug/l	0.38	1.2	1	8260B	8/26/2004	CJR	1
Chloroform	< 0.25	ug/l	0.25	0.79	1	8260B	8/26/2004	CJR	1
Chloromethane	< 0.6	ug/l	0.6	1.9	1	8260B	8/26/2004	CJR	1
2-Chlorotoluene	< 0.3	ug/l	0.3	0.95	1	8260B	8/26/2004	CJR	1
4-Chlorotoluene	< 0.39	ug/l	0.39	1.3	1	8260B	8/26/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 0.99	ug/l	0.99	3.1	1	8260B	8/26/2004	CJR	1
Dibromochloromethane	< 0.34	ug/l	0.34	1.1	1	8260B	8/26/2004	CJR	1
1,4-Dichlorobenzene	< 0.63	ug/l	0.63	2	1	8260B	8/26/2004	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	8260B	8/26/2004	CJR	1
1,2-Dichlorobenzene	< 0.52	ug/l	0.52	1.7	1	8260B	8/26/2004	CJR	1
Dichlorodifluoromethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/26/2004	CJR	3 4
1,2-Dichloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	8/26/2004	CJR	1
1,1-Dichloroethane	< 0.3	ug/l	0.3	0.95	1	8260B	8/26/2004	CJR	1
1,1-Dichloroethene	< 0.39	ug/l	0.39	1.2	1	8260B	8/26/2004	CJR	1
cis-1,2-Dichloroethene	< 0.29	ug/l	0.29	0.91	1	8260B	8/26/2004	CJR	1
trans-1,2-Dichloroethene	< 0.22	ug/l	0.22	0.7	1	8260B	8/26/2004	CJR	1
1,2-Dichloropropane	< 0.35	ug/l	0.35	1.1	1	8260B	8/26/2004	CJR	1
2,2-Dichloropropane	< 0.51	ug/l	0.51	1.6	1	8260B	8/26/2004	CJR	1
1,3-Dichloropropane	< 0.28	ug/l	0.28	0.89	1	8260B	8/26/2004	CJR	1
Di-isopropyl ether	< 0.27	ug/l	0.27	0.87	1	8260B	8/26/2004	CJR	1
EDB (1,2-Dibromoethane)	< 0.27	ug/l	0.27	0.85	1	8260B	8/26/2004	CJR	1
Ethylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	8/26/2004	CJR	1
Hexachlorobutadiene	< 0.62	ug/l	0.62	2	1	8260B	8/26/2004	CJR	1
Isopropylbenzene	< 0.19	ug/l	0.19	0.59	1	8260B	8/26/2004	CJR	1
p-Isopropyltoluene	< 0.3	ug/l	0.3	0.95	1	8260B	8/26/2004	CJR	1
Methylene chloride	< 0.7	ug/l	0.7	2.2	1	8260B	8/26/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.2	ug/l	0.2	0.64	1	8260B	8/26/2004	CJR	1
Naphthalene	< 0.6	ug/l	0.6	1.9	1	8260B	8/26/2004	CJR	1
n-Propylbenzene	< 0.32	ug/l	0.32	1	1	8260B	8/26/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.69	1	8260B	8/26/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 0.27	ug/l	0.27	0.86	1	8260B	8/26/2004	CJR	1
Tetrachloroethene	< 0.7	ug/l	0.7	2.2	1	8260B	8/26/2004	CJR	1

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Sample ID MW-2
Sample Matrix Water
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	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Toluene	< 0.57	ug/l	0.57	1.8	1	8260B	8/26/2004	CJR	1
1,2,4-Trichlorobenzene	< 0.79	ug/l	0.79	2.5	1	8260B	8/26/2004	CJR	1
1,2,3-Trichlorobenzene	< 0.5	ug/l	0.5	1.6	1	8260B	8/26/2004	CJR	1
1,1,1-Trichloroethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/26/2004	CJR	1
1,1,2-Trichloroethane	< 0.25	ug/l	0.25	0.79	1	8260B	8/26/2004	CJR	1
Trichloroethene (TCE)	< 0.27	ug/l	0.27	0.87	1	8260B	8/26/2004	CJR	1
Trichlorofluoromethane	< 0.22	ug/l	0.22	0.71	1	8260B	8/26/2004	CJR	1
1,2,4-Trimethylbenzene	< 0.51	ug/l	0.51	1.6	1	8260B	8/26/2004	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.1	1	8260B	8/26/2004	CJR	1
Vinyl Chloride	< 0.21	ug/l	0.21	0.66	1	8260B	8/26/2004	CJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B	8/26/2004	CJR	1
o-Xylene	< 0.64	ug/l	0.64	2	1	8260B	8/26/2004	CJR	1

Lab Code 5010989C
Sample ID MW-3
Sample Matrix Water
Sample Date 8/23/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PAH SIM									
Acenaphthene	< 0.032	ug/l	0.032	0.100	1	M8270	8/30/2004	MJR	1
Acenaphthylene	0.023 "J"	ug/l	0.015	0.049	1	M8270	8/30/2004	MJR	1
Anthracene	0.033 "J"	ug/l	0.023	0.072	1	M8270	8/30/2004	MJR	1
Benzo(a)anthracene	0.10	ug/l	0.031	0.097	1	M8270	8/30/2004	MJR	1
Benzo(a)pyrene	0.14	ug/l	0.008	0.025	1	M8270	8/30/2004	MJR	1
Benzo(b)fluoranthene	0.24	ug/l	0.009	0.028	1	M8270	8/30/2004	MJR	1
Benzo(g,h,i)perylene	0.34	ug/l	0.016	0.051	1	M8270	8/30/2004	MJR	1
Benzo(k)fluoranthene	0.068 "J"	ug/l	0.024	0.077	1	M8270	8/30/2004	MJR	1
Chrysene	0.14	ug/l	0.007	0.023	1	M8270	8/30/2004	MJR	1
Dibenzo(a,h)anthracene	< 0.037	ug/l	0.037	0.118	1	M8270	8/30/2004	MJR	1
Fluoranthene	0.28	ug/l	0.024	0.076	1	M8270	8/30/2004	MJR	1
Fluorene	0.019 "J"	ug/l	0.015	0.048	1	M8270	8/30/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 0.021	ug/l	0.021	0.065	1	M8270	8/30/2004	MJR	1
1-Methyl naphthalene	0.027 "J"	ug/l	0.026	0.082	1	M8270	8/30/2004	MJR	1
2-Methyl naphthalene	0.059 "J"	ug/l	0.03	0.094	1	M8270	8/30/2004	MJR	1
Naphthalene	0.063 "J"	ug/l	0.026	0.081	1	M8270	8/30/2004	MJR	1
Phenanthrene	0.13 "J"	ug/l	0.045	0.143	1	M8270	8/30/2004	MJR	1
Pyrene	0.34	ug/l	0.023	0.072	1	M8270	8/30/2004	MJR	1
VOC's									
Benzene	< 0.29	ug/l	0.29	0.91	1	8260B	8/26/2004	CJR	1
Bromobenzene	< 0.39	ug/l	0.39	1.3	1	8260B	8/26/2004	CJR	1
Bromodichloromethane	< 0.2	ug/l	0.2	0.65	1	8260B	8/26/2004	CJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B	8/26/2004	CJR	1
tert-Butylbenzene	< 0.31	ug/l	0.31	0.99	1	8260B	8/26/2004	CJR	1
sec-Butylbenzene	< 0.21	ug/l	0.21	0.68	1	8260B	8/26/2004	CJR	1
n-Butylbenzene	< 0.39	ug/l	0.39	1.2	1	8260B	8/26/2004	CJR	1
Carbon Tetrachloride	< 0.16	ug/l	0.16	0.52	1	8260B	8/26/2004	CJR	1
Chlorobenzene	< 0.22	ug/l	0.22	0.69	1	8260B	8/26/2004	CJR	1
Chloroethane	< 0.38	ug/l	0.38	1.2	1	8260B	8/26/2004	CJR	1
Chloroform	< 0.25	ug/l	0.25	0.79	1	8260B	8/26/2004	CJR	1
Chloromethane	< 0.6	ug/l	0.6	1.9	1	8260B	8/26/2004	CJR	1
2-Chlorotoluene	< 0.3	ug/l	0.3	0.95	1	8260B	8/26/2004	CJR	1
4-Chlorotoluene	< 0.39	ug/l	0.39	1.3	1	8260B	8/26/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 0.99	ug/l	0.99	3.1	1	8260B	8/26/2004	CJR	1

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Sample ID MW-3
Sample Matrix Water
Sample Date 8/23/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Dibromochloromethane	< 0.34	ug/l	0.34	1.1	1	8260B	8/26/2004	CJR	1
1,4-Dichlorobenzene	< 0.63	ug/l	0.63	2	1	8260B	8/26/2004	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	8260B	8/26/2004	CJR	1
1,2-Dichlorobenzene	< 0.52	ug/l	0.52	1.7	1	8260B	8/26/2004	CJR	1
Dichlorodifluoromethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/26/2004	CJR	3 4
1,2-Dichloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	8/26/2004	CJR	1
1,1-Dichloroethane	< 0.3	ug/l	0.3	0.95	1	8260B	8/26/2004	CJR	1
1,1-Dichloroethene	< 0.39	ug/l	0.39	1.2	1	8260B	8/26/2004	CJR	1
cis-1,2-Dichloroethene	< 0.29	ug/l	0.29	0.91	1	8260B	8/26/2004	CJR	1
trans-1,2-Dichloroethene	< 0.22	ug/l	0.22	0.7	1	8260B	8/26/2004	CJR	1
1,2-Dichloropropane	< 0.35	ug/l	0.35	1.1	1	8260B	8/26/2004	CJR	1
2,2-Dichloropropane	< 0.51	ug/l	0.51	1.6	1	8260B	8/26/2004	CJR	1
1,3-Dichloropropane	< 0.28	ug/l	0.28	0.89	1	8260B	8/26/2004	CJR	1
Di-isopropyl ether	< 0.27	ug/l	0.27	0.87	1	8260B	8/26/2004	CJR	1
EDB (1,2-Dibromoethane)	< 0.27	ug/l	0.27	0.85	1	8260B	8/26/2004	CJR	1
Ethylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	8/26/2004	CJR	1
Hexachlorobutadiene	< 0.62	ug/l	0.62	2	1	8260B	8/26/2004	CJR	1
Isopropylbenzene	< 0.19	ug/l	0.19	0.59	1	8260B	8/26/2004	CJR	1
p-Isopropyltoluene	< 0.3	ug/l	0.3	0.95	1	8260B	8/26/2004	CJR	1
Methylene chloride	< 0.7	ug/l	0.7	2.2	1	8260B	8/26/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.2	ug/l	0.2	0.64	1	8260B	8/26/2004	CJR	1
Naphthalene	< 0.6	ug/l	0.6	1.9	1	8260B	8/26/2004	CJR	1
n-Propylbenzene	< 0.32	ug/l	0.32	1	1	8260B	8/26/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.69	1	8260B	8/26/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 0.27	ug/l	0.27	0.86	1	8260B	8/26/2004	CJR	1
Tetrachloroethene	< 0.7	ug/l	0.7	2.2	1	8260B	8/26/2004	CJR	1
Toluene	< 0.57	ug/l	0.57	1.8	1	8260B	8/26/2004	CJR	1
1,2,4-Trichlorobenzene	< 0.79	ug/l	0.79	2.5	1	8260B	8/26/2004	CJR	1
1,2,3-Trichlorobenzene	< 0.5	ug/l	0.5	1.6	1	8260B	8/26/2004	CJR	1
1,1,1-Trichloroethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/26/2004	CJR	1
1,1,2-Trichloroethane	< 0.25	ug/l	0.25	0.79	1	8260B	8/26/2004	CJR	1
Trichloroethene (TCE)	< 0.27	ug/l	0.27	0.87	1	8260B	8/26/2004	CJR	1
Trichlorofluoromethane	< 0.22	ug/l	0.22	0.71	1	8260B	8/26/2004	CJR	1
1,2,4-Trimethylbenzene	< 0.51	ug/l	0.51	1.6	1	8260B	8/26/2004	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.1	1	8260B	8/26/2004	CJR	1
Vinyl Chloride	< 0.21	ug/l	0.21	0.66	1	8260B	8/26/2004	CJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B	8/26/2004	CJR	1
o-Xylene	< 0.64	ug/l	0.64	2	1	8260B	8/26/2004	CJR	1

Lab Code 5010989D
Sample ID MW-4
Sample Matrix Water
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	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PAH SIM									
Acenaphthene	1.3	ug/l	0.032	0.100	1	M8270	8/30/2004	MJR	1
Acenaphthylene	0.11	ug/l	0.015	0.049	1	M8270	8/30/2004	MJR	1
Anthracene	0.45	ug/l	0.023	0.072	1	M8270	8/30/2004	MJR	1
Benzo(a)anthracene	0.14	ug/l	0.031	0.097	1	M8270	8/30/2004	MJR	1
Benzo(a)pyrene	0.12	ug/l	0.008	0.025	1	M8270	8/30/2004	MJR	1
Benzo(b)fluoranthene	0.19	ug/l	0.009	0.028	1	M8270	8/30/2004	MJR	1
Benzo(g,h,i)perylene	0.12	ug/l	0.016	0.051	1	M8270	8/30/2004	MJR	1
Benzo(k)fluoranthene	0.064 "J"	ug/l	0.024	0.077	1	M8270	8/30/2004	MJR	1
Chrysene	0.16	ug/l	0.007	0.023	1	M8270	8/30/2004	MJR	1

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Sample ID MW-4
Sample Matrix Water
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	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Dibenzo(a,h)anthracene	< 0.037	ug/l	0.037	0.118	1	M8270	8/30/2004	MJR	1
Fluoranthene	0.65	ug/l	0.024	0.076	1	M8270	8/30/2004	MJR	1
Fluorene	1.0	ug/l	0.015	0.048	1	M8270	8/30/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 0.021	ug/l	0.021	0.065	1	M8270	8/30/2004	MJR	1
1-Methyl naphthalene	0.76	ug/l	0.026	0.082	1	M8270	8/30/2004	MJR	1
2-Methyl naphthalene	0.90	ug/l	0.03	0.094	1	M8270	8/30/2004	MJR	1
Naphthalene	5.0	ug/l	0.026	0.081	1	M8270	8/30/2004	MJR	1
Phenanthrene	2.2	ug/l	0.045	0.143	1	M8270	8/30/2004	MJR	1
Pyrene	0.53	ug/l	0.023	0.072	1	M8270	8/30/2004	MJR	1
VOC's									
Benzene	1.4	ug/l	0.29	0.91	1	8260B	8/27/2004	CJR	1
Bromobenzene	< 0.39	ug/l	0.39	1.3	1	8260B	8/27/2004	CJR	1
Bromodichloromethane	< 0.2	ug/l	0.2	0.65	1	8260B	8/27/2004	CJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B	8/27/2004	CJR	1
tert-Butylbenzene	< 0.31	ug/l	0.31	0.99	1	8260B	8/27/2004	CJR	1
sec-Butylbenzene	< 0.21	ug/l	0.21	0.68	1	8260B	8/27/2004	CJR	1
n-Butylbenzene	< 0.39	ug/l	0.39	1.2	1	8260B	8/27/2004	CJR	1
Carbon Tetrachloride	< 0.16	ug/l	0.16	0.52	1	8260B	8/27/2004	CJR	1
Chlorobenzene	< 0.22	ug/l	0.22	0.69	1	8260B	8/27/2004	CJR	1
Chloroethane	< 0.38	ug/l	0.38	1.2	1	8260B	8/27/2004	CJR	1
Chloroform	< 0.25	ug/l	0.25	0.79	1	8260B	8/27/2004	CJR	1
Chloromethane	< 0.6	ug/l	0.6	1.9	1	8260B	8/27/2004	CJR	1
2-Chlorotoluene	< 0.3	ug/l	0.3	0.95	1	8260B	8/27/2004	CJR	1
4-Chlorotoluene	< 0.39	ug/l	0.39	1.3	1	8260B	8/27/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 0.99	ug/l	0.99	3.1	1	8260B	8/27/2004	CJR	1
Dibromochloromethane	< 0.34	ug/l	0.34	1.1	1	8260B	8/27/2004	CJR	1
1,4-Dichlorobenzene	< 0.63	ug/l	0.63	2	1	8260B	8/27/2004	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	8260B	8/27/2004	CJR	1
1,2-Dichlorobenzene	< 0.52	ug/l	0.52	1.7	1	8260B	8/27/2004	CJR	1
Dichlorodifluoromethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/27/2004	CJR	3 4
1,2-Dichloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	8/27/2004	CJR	1
1,1-Dichloroethane	< 0.3	ug/l	0.3	0.95	1	8260B	8/27/2004	CJR	1
1,1-Dichloroethene	< 0.39	ug/l	0.39	1.2	1	8260B	8/27/2004	CJR	1
cis-1,2-Dichloroethene	0.32 "J"	ug/l	0.29	0.91	1	8260B	8/27/2004	CJR	1
trans-1,2-Dichloroethene	< 0.22	ug/l	0.22	0.7	1	8260B	8/27/2004	CJR	1
1,2-Dichloropropane	< 0.35	ug/l	0.35	1.1	1	8260B	8/27/2004	CJR	1
2,2-Dichloropropane	< 0.51	ug/l	0.51	1.6	1	8260B	8/27/2004	CJR	1
1,3-Dichloropropane	< 0.28	ug/l	0.28	0.89	1	8260B	8/27/2004	CJR	1
Di-isopropyl ether	< 0.27	ug/l	0.27	0.87	1	8260B	8/27/2004	CJR	1
EDB (1,2-Dibromoethane)	< 0.27	ug/l	0.27	0.85	1	8260B	8/27/2004	CJR	1
Ethylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	8/27/2004	CJR	1
Hexachlorobutadiene	< 0.62	ug/l	0.62	2	1	8260B	8/27/2004	CJR	1
Isopropylbenzene	< 0.19	ug/l	0.19	0.59	1	8260B	8/27/2004	CJR	1
p-Isopropyltoluene	< 0.3	ug/l	0.3	0.95	1	8260B	8/27/2004	CJR	1
Methylene chloride	< 0.7	ug/l	0.7	2.2	1	8260B	8/27/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.2	ug/l	0.2	0.64	1	8260B	8/27/2004	CJR	1
Naphthalene	8.4	ug/l	0.6	1.9	1	8260B	8/27/2004	CJR	1
n-Propylbenzene	< 0.32	ug/l	0.32	1	1	8260B	8/27/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.69	1	8260B	8/27/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 0.27	ug/l	0.27	0.86	1	8260B	8/27/2004	CJR	1
Tetrachloroethene	< 0.7	ug/l	0.7	2.2	1	8260B	8/27/2004	CJR	1
Toluene	1.25 "J"	ug/l	0.57	1.8	1	8260B	8/27/2004	CJR	1
1,2,4-Trichlorobenzene	< 0.79	ug/l	0.79	2.5	1	8260B	8/27/2004	CJR	1
1,2,3-Trichlorobenzene	< 0.5	ug/l	0.5	1.6	1	8260B	8/27/2004	CJR	1
1,1,1-Trichloroethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/27/2004	CJR	1
1,1,2-Trichloroethane	< 0.25	ug/l	0.25	0.79	1	8260B	8/27/2004	CJR	1

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Sample ID MW-4
Sample Matrix Water
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	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Trichloroethene (TCE)	0.37 "J"	ug/l	0.27	0.87	1	8260B	8/27/2004	CJR	1
Trichlorofluoromethane	< 0.22	ug/l	0.22	0.71	1	8260B	8/27/2004	CJR	1
1,2,4-Trimethylbenzene	< 0.51	ug/l	0.51	1.6	1	8260B	8/27/2004	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.1	1	8260B	8/27/2004	CJR	1
Vinyl Chloride	< 0.21	ug/l	0.21	0.66	1	8260B	8/27/2004	CJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B	8/27/2004	CJR	1
o-Xylene	< 0.64	ug/l	0.64	2	1	8260B	8/27/2004	CJR	1

Lab Code 5010989E
Sample ID MW-5
Sample Matrix Water
Sample Date 8/23/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PAH SIM									
Acenaphthene	2.2	ug/l	0.32	1	10	M8270	8/30/2004	MJR	1
Acenaphthylene	0.40 "J"	ug/l	0.15	0.49	10	M8270	8/30/2004	MJR	1
Anthracene	0.53 "J"	ug/l	0.23	0.72	10	M8270	8/30/2004	MJR	1
Benzo(a)anthracene	< 0.31	ug/l	0.31	0.93	10	M8270	8/30/2004	MJR	1
Benzo(a)pyrene	< 0.08	ug/l	0.08	0.25	10	M8270	8/30/2004	MJR	1
Benzo(b)fluoranthene	0.13 "J"	ug/l	0.09	0.28	10	M8270	8/30/2004	MJR	1
Benzo(g,h,i)perylene	< 0.16	ug/l	0.16	0.51	10	M8270	8/30/2004	MJR	1
Benzo(k)fluoranthene	< 0.24	ug/l	0.24	0.77	10	M8270	8/30/2004	MJR	1
Chrysene	0.15 "J"	ug/l	0.07	0.23	10	M8270	8/30/2004	MJR	1
Dibenzo(a,h)anthracene	< 0.37	ug/l	0.37	1.2	10	M8270	8/30/2004	MJR	1
Fluoranthene	0.68 "J"	ug/l	0.24	0.76	10	M8270	8/30/2004	MJR	1
Fluorene	2.1	ug/l	0.15	0.48	10	M8270	8/30/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 0.21	ug/l	0.21	0.65	10	M8270	8/30/2004	MJR	1
1-Methyl naphthalene	2.2	ug/l	0.26	0.82	10	M8270	8/30/2004	MJR	1
2-Methyl naphthalene	3.2	ug/l	0.3	0.94	10	M8270	8/30/2004	MJR	1
Naphthalene	33	ug/l	0.26	0.81	10	M8270	8/30/2004	MJR	1
Phenanthrene	3.0	ug/l	0.45	1.4	10	M8270	8/30/2004	MJR	1
Pyrene	0.49 "J"	ug/l	0.23	0.72	10	M8270	8/30/2004	MJR	1
VOC's									
Benzene	1.8	ug/l	0.29	0.91	1	8260B	8/27/2004	CJR	1
Bromobenzene	< 0.39	ug/l	0.39	1.3	1	8260B	8/27/2004	CJR	1
Bromodichloromethane	< 0.2	ug/l	0.2	0.65	1	8260B	8/27/2004	CJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B	8/27/2004	CJR	1
tert-Butylbenzene	< 0.31	ug/l	0.31	0.99	1	8260B	8/27/2004	CJR	1
sec-Butylbenzene	< 0.21	ug/l	0.21	0.68	1	8260B	8/27/2004	CJR	1
n-Butylbenzene	< 0.39	ug/l	0.39	1.2	1	8260B	8/27/2004	CJR	1
Carbon Tetrachloride	< 0.16	ug/l	0.16	0.52	1	8260B	8/27/2004	CJR	1
Chlorobenzene	< 0.22	ug/l	0.22	0.69	1	8260B	8/27/2004	CJR	1
Chloroethane	< 0.38	ug/l	0.38	1.2	1	8260B	8/27/2004	CJR	1
Chloroform	< 0.25	ug/l	0.25	0.79	1	8260B	8/27/2004	CJR	1
Chloromethane	< 0.6	ug/l	0.6	1.9	1	8260B	8/27/2004	CJR	1
2-Chlorotoluene	< 0.3	ug/l	0.3	0.95	1	8260B	8/27/2004	CJR	1
4-Chlorotoluene	< 0.39	ug/l	0.39	1.3	1	8260B	8/27/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 0.99	ug/l	0.99	3.1	1	8260B	8/27/2004	CJR	1
Dibromochloromethane	< 0.34	ug/l	0.34	1.1	1	8260B	8/27/2004	CJR	1
1,4-Dichlorobenzene	< 0.63	ug/l	0.63	2	1	8260B	8/27/2004	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	8260B	8/27/2004	CJR	1
1,2-Dichlorobenzene	< 0.52	ug/l	0.52	1.7	1	8260B	8/27/2004	CJR	1
Dichlorodifluoromethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/27/2004	CJR	3 4

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Sample ID MW-5
Sample Matrix Water
Sample Date 8/23/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
1,2-Dichloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	8/27/2004	CJR	1
1,1-Dichloroethane	< 0.3	ug/l	0.3	0.95	1	8260B	8/27/2004	CJR	1
1,1-Dichloroethene	< 0.39	ug/l	0.39	1.2	1	8260B	8/27/2004	CJR	1
cis-1,2-Dichloroethene	< 0.29	ug/l	0.29	0.91	1	8260B	8/27/2004	CJR	1
trans-1,2-Dichloroethene	< 0.22	ug/l	0.22	0.7	1	8260B	8/27/2004	CJR	1
1,2-Dichloropropane	< 0.35	ug/l	0.35	1.1	1	8260B	8/27/2004	CJR	1
2,2-Dichloropropane	< 0.51	ug/l	0.51	1.6	1	8260B	8/27/2004	CJR	1
1,3-Dichloropropane	< 0.28	ug/l	0.28	0.89	1	8260B	8/27/2004	CJR	1
Di-isopropyl ether	< 0.27	ug/l	0.27	0.87	1	8260B	8/27/2004	CJR	1
EDB (1,2-Dibromoethane)	< 0.27	ug/l	0.27	0.85	1	8260B	8/27/2004	CJR	1
Ethylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	8/27/2004	CJR	1
Hexachlorobutadiene	< 0.62	ug/l	0.62	2	1	8260B	8/27/2004	CJR	1
Isopropylbenzene	< 0.19	ug/l	0.19	0.59	1	8260B	8/27/2004	CJR	1
p-Isopropyltoluene	0.52 "J"	ug/l	0.3	0.95	1	8260B	8/27/2004	CJR	1
Methylene chloride	< 0.7	ug/l	0.7	2.2	1	8260B	8/27/2004	CJR	1
Methyl tert-butyl ether (MTBE)	0.2	ug/l	0.2	0.64	1	8260B	8/27/2004	CJR	1
Naphthalene	31	ug/l	0.6	1.9	1	8260B	8/27/2004	CJR	1
n-Propylbenzene	< 0.32	ug/l	0.32	1	1	8260B	8/27/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.69	1	8260B	8/27/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 0.27	ug/l	0.27	0.86	1	8260B	8/27/2004	CJR	1
Tetrachloroethene	< 0.7	ug/l	0.7	2.2	1	8260B	8/27/2004	CJR	1
Toluene	1.26 "J"	ug/l	0.57	1.8	1	8260B	8/27/2004	CJR	1
1,2,4-Trichlorobenzene	< 0.79	ug/l	0.79	2.5	1	8260B	8/27/2004	CJR	1
1,2,3-Trichlorobenzene	< 0.5	ug/l	0.5	1.6	1	8260B	8/27/2004	CJR	1
1,1,1-Trichloroethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/27/2004	CJR	1
1,1,2-Trichloroethane	< 0.25	ug/l	0.25	0.79	1	8260B	8/27/2004	CJR	1
Trichloroethene (TCE)	0.42 "J"	ug/l	0.27	0.87	1	8260B	8/27/2004	CJR	1
Trichlorofluoromethane	< 0.22	ug/l	0.22	0.71	1	8260B	8/27/2004	CJR	1
1,2,4-Trimethylbenzene	0.61 "J"	ug/l	0.51	1.6	1	8260B	8/27/2004	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.1	1	8260B	8/27/2004	CJR	1
Vinyl Chloride	< 0.21	ug/l	0.21	0.66	1	8260B	8/27/2004	CJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B	8/27/2004	CJR	1
o-Xylene	0.66 "J"	ug/l	0.64	2	1	8260B	8/27/2004	CJR	1

Lab Code 5010989F
Sample ID MW-6
Sample Matrix Water
Sample Date 8/23/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PAH SIM									
Acenaphthene	2.7	ug/l	0.16	0.5	5	M8270	8/30/2004	MJR	1
Acenaphthylene	0.23 "J"	ug/l	0.075	0.25	5	M8270	8/30/2004	MJR	1
Anthracene	1.1	ug/l	0.12	0.36	5	M8270	8/30/2004	MJR	1
Benzo(a)anthracene	0.17 "J"	ug/l	0.16	0.49	5	M8270	8/30/2004	MJR	1
Benzo(a)pyrene	0.10 "J"	ug/l	0.04	0.13	5	M8270	8/30/2004	MJR	1
Benzo(b)fluoranthene	0.17	ug/l	0.045	0.14	5	M8270	8/30/2004	MJR	1
Benzo(g,h,i)perylene	< 0.08	ug/l	0.08	0.26	5	M8270	8/30/2004	MJR	1
Benzo(k)fluoranthene	< 0.12	ug/l	0.12	0.38	5	M8270	8/30/2004	MJR	1
Chrysene	0.17	ug/l	0.035	0.12	5	M8270	8/30/2004	MJR	1
Dibenzo(a,h)anthracene	< 0.185	ug/l	0.19	0.59	5	M8270	8/30/2004	MJR	1
Fluoranthene	0.93	ug/l	0.12	0.38	5	M8270	8/30/2004	MJR	1
Fluorene	2.5	ug/l	0.075	0.24	5	M8270	8/30/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 0.105	ug/l	0.11	0.33	5	M8270	8/30/2004	MJR	1
1-Methyl naphthalene	2.0	ug/l	0.13	0.41	5	M8270	8/30/2004	MJR	1

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Sample Matrix Water
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	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
2-Methyl naphthalene	1.7	ug/l	0.15	0.47	5	M8270	8/30/2004	MJR	1
Naphthalene	12	ug/l	0.13	0.41	5	M8270	8/30/2004	MJR	1
Phenanthrene	3.9	ug/l	0.23	0.72	5	M8270	8/30/2004	MJR	1
Pyrene	0.54	ug/l	0.12	0.36	5	M8270	8/30/2004	MJR	1
VOC's									
Benzene	1.6	ug/l	0.29	0.91	1	8260B	8/27/2004	CJR	1
Bromobenzene	< 0.39	ug/l	0.39	1.3	1	8260B	8/27/2004	CJR	1
Bromodichloromethane	< 0.2	ug/l	0.2	0.65	1	8260B	8/27/2004	CJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B	8/27/2004	CJR	1
tert-Butylbenzene	< 0.31	ug/l	0.31	0.99	1	8260B	8/27/2004	CJR	1
sec-Butylbenzene	< 0.21	ug/l	0.21	0.68	1	8260B	8/27/2004	CJR	1
n-Butylbenzene	< 0.39	ug/l	0.39	1.2	1	8260B	8/27/2004	CJR	1
Carbon Tetrachloride	< 0.16	ug/l	0.16	0.52	1	8260B	8/27/2004	CJR	1
Chlorobenzene	< 0.22	ug/l	0.22	0.69	1	8260B	8/27/2004	CJR	1
Chloroethane	< 0.38	ug/l	0.38	1.2	1	8260B	8/27/2004	CJR	1
Chloroform	< 0.25	ug/l	0.25	0.79	1	8260B	8/27/2004	CJR	1
Chloromethane	< 0.6	ug/l	0.6	1.9	1	8260B	8/27/2004	CJR	1
2-Chlorotoluene	< 0.3	ug/l	0.3	0.95	1	8260B	8/27/2004	CJR	1
4-Chlorotoluene	< 0.39	ug/l	0.39	1.3	1	8260B	8/27/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 0.99	ug/l	0.99	3.1	1	8260B	8/27/2004	CJR	1
Dibromochloromethane	< 0.34	ug/l	0.34	1.1	1	8260B	8/27/2004	CJR	1
1,4-Dichlorobenzene	< 0.63	ug/l	0.63	2	1	8260B	8/27/2004	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	8260B	8/27/2004	CJR	1
1,2-Dichlorobenzene	< 0.52	ug/l	0.52	1.7	1	8260B	8/27/2004	CJR	1
Dichlorodifluoromethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/27/2004	CJR	3 4
1,2-Dichloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	8/27/2004	CJR	1
1,1-Dichloroethane	< 0.3	ug/l	0.3	0.95	1	8260B	8/27/2004	CJR	1
1,1-Dichloroethene	< 0.39	ug/l	0.39	1.2	1	8260B	8/27/2004	CJR	1
cis-1,2-Dichloroethene	< 0.29	ug/l	0.29	0.91	1	8260B	8/27/2004	CJR	1
trans-1,2-Dichloroethene	< 0.22	ug/l	0.22	0.7	1	8260B	8/27/2004	CJR	1
1,2-Dichloropropane	< 0.35	ug/l	0.35	1.1	1	8260B	8/27/2004	CJR	1
2,2-Dichloropropane	< 0.51	ug/l	0.51	1.6	1	8260B	8/27/2004	CJR	1
1,3-Dichloropropane	< 0.28	ug/l	0.28	0.89	1	8260B	8/27/2004	CJR	1
Di-isopropyl ether	< 0.27	ug/l	0.27	0.87	1	8260B	8/27/2004	CJR	1
EDB (1,2-Dibromoethane)	< 0.27	ug/l	0.27	0.85	1	8260B	8/27/2004	CJR	1
Ethylbenzene	1.03 "J"	ug/l	0.56	1.8	1	8260B	8/27/2004	CJR	1
Hexachlorobutadiene	< 0.62	ug/l	0.62	2	1	8260B	8/27/2004	CJR	1
Isopropylbenzene	< 0.19	ug/l	0.19	0.59	1	8260B	8/27/2004	CJR	1
p-Isopropyltoluene	< 0.3	ug/l	0.3	0.95	1	8260B	8/27/2004	CJR	1
Methylene chloride	< 0.7	ug/l	0.7	2.2	1	8260B	8/27/2004	CJR	1
Methyl tert-butyl ether (MTBE)	0.29 "J"	ug/l	0.2	0.64	1	8260B	8/27/2004	CJR	1
Naphthalene	16	ug/l	0.6	1.9	1	8260B	8/27/2004	CJR	1
n-Propylbenzene	< 0.32	ug/l	0.32	1	1	8260B	8/27/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.69	1	8260B	8/27/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 0.27	ug/l	0.27	0.86	1	8260B	8/27/2004	CJR	1
Tetrachloroethene	< 0.7	ug/l	0.7	2.2	1	8260B	8/27/2004	CJR	1
Toluene	1.9	ug/l	0.57	1.8	1	8260B	8/27/2004	CJR	1
1,2,4-Trichlorobenzene	< 0.79	ug/l	0.79	2.5	1	8260B	8/27/2004	CJR	1
1,2,3-Trichlorobenzene	< 0.5	ug/l	0.5	1.6	1	8260B	8/27/2004	CJR	1
1,1,1-Trichloroethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/27/2004	CJR	1
1,1,2-Trichloroethane	< 0.25	ug/l	0.25	0.79	1	8260B	8/27/2004	CJR	1
Trichloroethene (TCE)	< 0.27	ug/l	0.27	0.87	1	8260B	8/27/2004	CJR	1
Trichlorofluoromethane	< 0.22	ug/l	0.22	0.71	1	8260B	8/27/2004	CJR	1
1,2,4-Trimethylbenzene	0.71 "J"	ug/l	0.51	1.6	1	8260B	8/27/2004	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.1	1	8260B	8/27/2004	CJR	1
Vinyl Chloride	< 0.21	ug/l	0.21	0.66	1	8260B	8/27/2004	CJR	1

Project Name NOVAK SITE **Invoice #** E10989
Project #

Lab Code 5010989F
Sample ID MW-6
Sample Matrix Water
Sample Date 8/23/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
m&p-Xylene	4.4	ug/l	1.1	3.5	1	8260B	8/27/2004	CJR	1
o-Xylene	2.3	ug/l	0.64	2	1	8260B	8/27/2004	CJR	1

Lab Code 5010989G
Sample ID MW-7
Sample Matrix Water
Sample Date 8/23/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PAH SIM									
Acenaphthene	< 0.032	ug/l	0.032	0.100	1	M8270	8/31/2004	MJR	1
Acenaphthylene	< 0.015	ug/l	0.015	0.049	1	M8270	8/31/2004	MJR	1
Anthracene	< 0.023	ug/l	0.023	0.072	1	M8270	8/31/2004	MJR	1
Benzo(a)anthracene	< 0.031	ug/l	0.031	0.097	1	M8270	8/31/2004	MJR	1
Benzo(a)pyrene	0.016 "J"	ug/l	0.008	0.025	1	M8270	8/31/2004	MJR	1
Benzo(b)fluoranthene	0.029	ug/l	0.009	0.028	1	M8270	8/31/2004	MJR	1
Benzo(g,h,i)perylene	0.041 "J"	ug/l	0.016	0.051	1	M8270	8/31/2004	MJR	1
Benzo(k)fluoranthene	< 0.024	ug/l	0.024	0.077	1	M8270	8/31/2004	MJR	1
Chrysene	0.023 "J"	ug/l	0.007	0.023	1	M8270	8/31/2004	MJR	1
Dibenzo(a,h)anthracene	< 0.037	ug/l	0.037	0.118	1	M8270	8/31/2004	MJR	1
Fluoranthene	0.046 "J"	ug/l	0.024	0.076	1	M8270	8/31/2004	MJR	1
Fluorene	< 0.015	ug/l	0.015	0.048	1	M8270	8/31/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 0.021	ug/l	0.021	0.065	1	M8270	8/31/2004	MJR	1
1-Methyl naphthalene	0.070 "J"	ug/l	0.026	0.082	1	M8270	8/31/2004	MJR	1
2-Methyl naphthalene	< 0.03	ug/l	0.03	0.094	1	M8270	8/31/2004	MJR	1
Naphthalene	0.029 "J"	ug/l	0.026	0.081	1	M8270	8/31/2004	MJR	1
Phenanthrene	< 0.045	ug/l	0.045	0.143	1	M8270	8/31/2004	MJR	1
Pyrene	0.074	ug/l	0.023	0.072	1	M8270	8/31/2004	MJR	1
VOC's									
Benzene	< 0.29	ug/l	0.29	0.91	1	8260B	8/26/2004	CJR	1
Bromobenzene	< 0.39	ug/l	0.39	1.3	1	8260B	8/26/2004	CJR	1
Bromodichloromethane	< 0.2	ug/l	0.2	0.65	1	8260B	8/26/2004	CJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B	8/26/2004	CJR	1
tert-Butylbenzene	< 0.31	ug/l	0.31	0.99	1	8260B	8/26/2004	CJR	1
sec-Butylbenzene	< 0.21	ug/l	0.21	0.68	1	8260B	8/26/2004	CJR	1
n-Butylbenzene	< 0.39	ug/l	0.39	1.2	1	8260B	8/26/2004	CJR	1
Carbon Tetrachloride	< 0.16	ug/l	0.16	0.52	1	8260B	8/26/2004	CJR	1
Chlorobenzene	< 0.22	ug/l	0.22	0.69	1	8260B	8/26/2004	CJR	1
Chloroethane	< 0.38	ug/l	0.38	1.2	1	8260B	8/26/2004	CJR	1
Chloroform	< 0.25	ug/l	0.25	0.79	1	8260B	8/26/2004	CJR	1
Chloromethane	< 0.6	ug/l	0.6	1.9	1	8260B	8/26/2004	CJR	1
2-Chlorotoluene	< 0.3	ug/l	0.3	0.95	1	8260B	8/26/2004	CJR	1
4-Chlorotoluene	< 0.39	ug/l	0.39	1.3	1	8260B	8/26/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 0.99	ug/l	0.99	3.1	1	8260B	8/26/2004	CJR	1
Dibromochloromethane	< 0.34	ug/l	0.34	1.1	1	8260B	8/26/2004	CJR	1
1,4-Dichlorobenzene	< 0.63	ug/l	0.63	2	1	8260B	8/26/2004	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	8260B	8/26/2004	CJR	1
1,2-Dichlorobenzene	< 0.52	ug/l	0.52	1.7	1	8260B	8/26/2004	CJR	1
Dichlorodifluoromethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/26/2004	CJR	3 4
1,2-Dichloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	8/26/2004	CJR	1
1,1-Dichloroethane	< 0.3	ug/l	0.3	0.95	1	8260B	8/26/2004	CJR	1
1,1-Dichloroethene	< 0.39	ug/l	0.39	1.2	1	8260B	8/26/2004	CJR	1
cis-1,2-Dichloroethene	< 0.29	ug/l	0.29	0.91	1	8260B	8/26/2004	CJR	1
trans-1,2-Dichloroethene	< 0.22	ug/l	0.22	0.7	1	8260B	8/26/2004	CJR	1

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Project #

Lab Code 5010989G
Sample ID MW-7
Sample Matrix Water
Sample Date 8/23/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
1,2-Dichloropropane	< 0.35	ug/l	0.35	1.1	1	8260B	8/26/2004	CJR	1
2,2-Dichloropropane	< 0.51	ug/l	0.51	1.6	1	8260B	8/26/2004	CJR	1
1,3-Dichloropropane	< 0.28	ug/l	0.28	0.89	1	8260B	8/26/2004	CJR	1
Di-isopropyl ether	< 0.27	ug/l	0.27	0.87	1	8260B	8/26/2004	CJR	1
EDB (1,2-Dibromoethane)	< 0.27	ug/l	0.27	0.85	1	8260B	8/26/2004	CJR	1
Ethylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	8/26/2004	CJR	1
Hexachlorobutadiene	< 0.62	ug/l	0.62	2	1	8260B	8/26/2004	CJR	1
Isopropylbenzene	< 0.19	ug/l	0.19	0.59	1	8260B	8/26/2004	CJR	1
p-Isopropyltoluene	< 0.3	ug/l	0.3	0.95	1	8260B	8/26/2004	CJR	1
Methylene chloride	< 0.7	ug/l	0.7	2.2	1	8260B	8/26/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.2	ug/l	0.2	0.64	1	8260B	8/26/2004	CJR	1
Naphthalene	< 0.6	ug/l	0.6	1.9	1	8260B	8/26/2004	CJR	1
n-Propylbenzene	< 0.32	ug/l	0.32	1	1	8260B	8/26/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.69	1	8260B	8/26/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 0.27	ug/l	0.27	0.86	1	8260B	8/26/2004	CJR	1
Tetrachloroethene	< 0.7	ug/l	0.7	2.2	1	8260B	8/26/2004	CJR	1
Toluene	< 0.57	ug/l	0.57	1.8	1	8260B	8/26/2004	CJR	1
1,2,4-Trichlorobenzene	< 0.79	ug/l	0.79	2.5	1	8260B	8/26/2004	CJR	1
1,2,3-Trichlorobenzene	< 0.5	ug/l	0.5	1.6	1	8260B	8/26/2004	CJR	1
1,I,1-Trichloroethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/26/2004	CJR	1
1,1,2-Trichloroethane	< 0.25	ug/l	0.25	0.79	1	8260B	8/26/2004	CJR	1
Trichloroethene (TCE)	< 0.27	ug/l	0.27	0.87	1	8260B	8/26/2004	CJR	1
Trichlorofluoromethane	< 0.22	ug/l	0.22	0.71	1	8260B	8/26/2004	CJR	1
1,2,4-Trimethylbenzene	< 0.51	ug/l	0.51	1.6	1	8260B	8/26/2004	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.1	1	8260B	8/26/2004	CJR	1
Vinyl Chloride	< 0.21	ug/l	0.21	0.66	1	8260B	8/26/2004	CJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B	8/26/2004	CJR	1
o-Xylene	< 0.64	ug/l	0.64	2	1	8260B	8/26/2004	CJR	1

Lab Code 5010989H
Sample ID MW-8
Sample Matrix Water
Sample Date 8/23/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PAH SIM									
Acenaphthene	< 0.032	ug/l	0.032	0.100	1	M8270	8/31/2004	MJR	1
Acenaphthylene	< 0.015	ug/l	0.015	0.049	1	M8270	8/31/2004	MJR	1
Anthracene	< 0.023	ug/l	0.023	0.072	1	M8270	8/31/2004	MJR	1
Benzo(a)anthracene	< 0.031	ug/l	0.031	0.097	1	M8270	8/31/2004	MJR	1
Benzo(a)pyrene	0.011 "J"	ug/l	0.008	0.025	1	M8270	8/31/2004	MJR	1
Benzo(b)fluoranthene	0.023 "J"	ug/l	0.009	0.028	1	M8270	8/31/2004	MJR	1
Benzo(g,h,i)perylene	< 0.016	ug/l	0.016	0.051	1	M8270	8/31/2004	MJR	1
Benzo(k)fluoranthene	< 0.024	ug/l	0.024	0.077	1	M8270	8/31/2004	MJR	1
Chrysene	0.014 "J"	ug/l	0.007	0.023	1	M8270	8/31/2004	MJR	1
Dibenzo(a,h)anthracene	< 0.037	ug/l	0.037	0.118	1	M8270	8/31/2004	MJR	1
Fluoranthene	< 0.024	ug/l	0.024	0.076	1	M8270	8/31/2004	MJR	1
Fluorene	< 0.015	ug/l	0.015	0.048	1	M8270	8/31/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 0.021	ug/l	0.021	0.065	1	M8270	8/31/2004	MJR	1
1-Methyl naphthalene	< 0.026	ug/l	0.026	0.082	1	M8270	8/31/2004	MJR	1
2-Methyl naphthalene	< 0.03	ug/l	0.03	0.094	1	M8270	8/31/2004	MJR	1
Naphthalene	< 0.026	ug/l	0.026	0.081	1	M8270	8/31/2004	MJR	1
Phenanthrene	< 0.045	ug/l	0.045	0.143	1	M8270	8/31/2004	MJR	1
Pyrene	< 0.023	ug/l	0.023	0.072	1	M8270	8/31/2004	MJR	1

Project Name NOVAK SITE **Invoice #** E10989
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Lab Code 5010989H
Sample ID MW-8
Sample Matrix Water
Sample Date 8/23/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
VOC's									
Benzene	< 0.29	ug/l	0.29	0.91	1	8260B	8/26/2004	CJR	1
Bromobenzene	< 0.39	ug/l	0.39	1.3	1	8260B	8/26/2004	CJR	1
Bromodichloromethane	< 0.2	ug/l	0.2	0.65	1	8260B	8/26/2004	CJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B	8/26/2004	CJR	1
tert-Butylbenzene	< 0.31	ug/l	0.31	0.99	1	8260B	8/26/2004	CJR	1
sec-Butylbenzene	< 0.21	ug/l	0.21	0.68	1	8260B	8/26/2004	CJR	1
n-Butylbenzene	< 0.39	ug/l	0.39	1.2	1	8260B	8/26/2004	CJR	1
Carbon Tetrachloride	< 0.16	ug/l	0.16	0.52	1	8260B	8/26/2004	CJR	1
Chlorobenzene	< 0.22	ug/l	0.22	0.69	1	8260B	8/26/2004	CJR	1
Chloroethane	< 0.38	ug/l	0.38	1.2	1	8260B	8/26/2004	CJR	1
Chloroform	< 0.25	ug/l	0.25	0.79	1	8260B	8/26/2004	CJR	1
Chloromethane	< 0.6	ug/l	0.6	1.9	1	8260B	8/26/2004	CJR	1
2-Chlorotoluene	< 0.3	ug/l	0.3	0.95	1	8260B	8/26/2004	CJR	1
4-Chlorotoluene	< 0.39	ug/l	0.39	1.3	1	8260B	8/26/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 0.99	ug/l	0.99	3.1	1	8260B	8/26/2004	CJR	1
Dibromochloromethane	< 0.34	ug/l	0.34	1.1	1	8260B	8/26/2004	CJR	1
1,4-Dichlorobenzene	< 0.63	ug/l	0.63	2	1	8260B	8/26/2004	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	8260B	8/26/2004	CJR	1
1,2-Dichlorobenzene	< 0.52	ug/l	0.52	1.7	1	8260B	8/26/2004	CJR	1
Dichlorodifluoromethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/26/2004	CJR	3 4
1,2-Dichloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	8/26/2004	CJR	1
1,1-Dichloroethane	< 0.3	ug/l	0.3	0.95	1	8260B	8/26/2004	CJR	1
1,1-Dichloroethene	< 0.39	ug/l	0.39	1.2	1	8260B	8/26/2004	CJR	1
cis-1,2-Dichloroethene	< 0.29	ug/l	0.29	0.91	1	8260B	8/26/2004	CJR	1
trans-1,2-Dichloroethene	< 0.22	ug/l	0.22	0.7	1	8260B	8/26/2004	CJR	1
1,2-Dichloropropane	< 0.35	ug/l	0.35	1.1	1	8260B	8/26/2004	CJR	1
2,2-Dichloropropane	< 0.51	ug/l	0.51	1.6	1	8260B	8/26/2004	CJR	1
1,3-Dichloropropane	< 0.28	ug/l	0.28	0.89	1	8260B	8/26/2004	CJR	1
Di-isopropyl ether	< 0.27	ug/l	0.27	0.87	1	8260B	8/26/2004	CJR	1
EDB (1,2-Dibromoethane)	< 0.27	ug/l	0.27	0.85	1	8260B	8/26/2004	CJR	1
Ethylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	8/26/2004	CJR	1
Hexachlorobutadiene	< 0.62	ug/l	0.62	2	1	8260B	8/26/2004	CJR	1
Isopropylbenzene	< 0.19	ug/l	0.19	0.59	1	8260B	8/26/2004	CJR	1
p-Isopropyltoluene	< 0.3	ug/l	0.3	0.95	1	8260B	8/26/2004	CJR	1
Methylene chloride	< 0.7	ug/l	0.7	2.2	1	8260B	8/26/2004	CJR	1
Methyl tert-butyl ether (MTBE)	0.46 "J"	ug/l	0.2	0.64	1	8260B	8/26/2004	CJR	1
Naphthalene	< 0.6	ug/l	0.6	1.9	1	8260B	8/26/2004	CJR	1
n-Propylbenzene	< 0.32	ug/l	0.32	1	1	8260B	8/26/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.69	1	8260B	8/26/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 0.27	ug/l	0.27	0.86	1	8260B	8/26/2004	CJR	1
Tetrachloroethene	< 0.7	ug/l	0.7	2.2	1	8260B	8/26/2004	CJR	1
Toluene	< 0.57	ug/l	0.57	1.8	1	8260B	8/26/2004	CJR	1
1,2,4-Trichlorobenzene	< 0.79	ug/l	0.79	2.5	1	8260B	8/26/2004	CJR	1
1,2,3-Trichlorobenzene	< 0.5	ug/l	0.5	1.6	1	8260B	8/26/2004	CJR	1
1,1,1-Trichloroethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/26/2004	CJR	1
1,1,2-Trichloroethane	< 0.25	ug/l	0.25	0.79	1	8260B	8/26/2004	CJR	1
Trichloroethene (TCE)	< 0.27	ug/l	0.27	0.87	1	8260B	8/26/2004	CJR	1
Trichlorofluoromethane	< 0.22	ug/l	0.22	0.71	1	8260B	8/26/2004	CJR	1
1,2,4-Trimethylbenzene	< 0.51	ug/l	0.51	1.6	1	8260B	8/26/2004	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.1	1	8260B	8/26/2004	CJR	1
Vinyl Chloride	< 0.21	ug/l	0.21	0.66	1	8260B	8/26/2004	CJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B	8/26/2004	CJR	1
o-Xylene	< 0.64	ug/l	0.64	2	1	8260B	8/26/2004	CJR	1

Project Name NOVAK SITE **Invoice #** E10989
Project #

Lab Code 5010989I
Sample ID MW-9
Sample Matrix Water
Sample Date 8/23/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PAH SIM									
Acenaphthene	< 0.032	ug/l	0.032	0.100	1	M8270	8/31/2004	MJR	1
Acenaphthylene	0.085	ug/l	0.015	0.049	1	M8270	8/31/2004	MJR	1
Anthracene	0.088	ug/l	0.023	0.072	1	M8270	8/31/2004	MJR	1
Benzo(a)anthracene	0.38	ug/l	0.031	0.097	1	M8270	8/31/2004	MJR	1
Benzo(a)pyrene	0.57	ug/l	0.008	0.025	1	M8270	8/31/2004	MJR	1
Benzo(b)fluoranthene	0.96	ug/l	0.009	0.028	1	M8270	8/31/2004	MJR	1
Benzo(g,h,i)perylene	0.88	ug/l	0.016	0.051	1	M8270	8/31/2004	MJR	1
Benzo(k)fluoranthene	0.32	ug/l	0.024	0.077	1	M8270	8/31/2004	MJR	1
Chrysene	0.52	ug/l	0.007	0.023	1	M8270	8/31/2004	MJR	1
Dibenzo(a,h)anthracene	< 0.037	ug/l	0.037	0.118	1	M8270	8/31/2004	MJR	1
Fluoranthene	0.83	ug/l	0.024	0.076	1	M8270	8/31/2004	MJR	1
Fluorene	0.027 "J"	ug/l	0.015	0.048	1	M8270	8/31/2004	MJR	1
Indeno(1,2,3-cd)pyrene	0.56	ug/l	0.021	0.065	1	M8270	8/31/2004	MJR	1
1-Methyl naphthalene	< 0.026	ug/l	0.026	0.082	1	M8270	8/31/2004	MJR	1
2-Methyl naphthalene	0.037 "J"	ug/l	0.03	0.094	1	M8270	8/31/2004	MJR	1
Naphthalene	0.035 "J"	ug/l	0.026	0.081	1	M8270	8/31/2004	MJR	1
Phenanthrene	0.26	ug/l	0.045	0.143	1	M8270	8/31/2004	MJR	1
Pyrene	0.83	ug/l	0.023	0.072	1	M8270	8/31/2004	MJR	1
VOC's									
Benzene	< 0.29	ug/l	0.29	0.91	1	8260B	8/26/2004	CJR	1
Bromobenzene	< 0.39	ug/l	0.39	1.3	1	8260B	8/26/2004	CJR	1
Bromodichloromethane	< 0.2	ug/l	0.2	0.65	1	8260B	8/26/2004	CJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B	8/26/2004	CJR	1
tert-Butylbenzene	< 0.31	ug/l	0.31	0.99	1	8260B	8/26/2004	CJR	1
sec-Butylbenzene	< 0.21	ug/l	0.21	0.68	1	8260B	8/26/2004	CJR	1
n-Butylbenzene	< 0.39	ug/l	0.39	1.2	1	8260B	8/26/2004	CJR	1
Carbon Tetrachloride	< 0.16	ug/l	0.16	0.52	1	8260B	8/26/2004	CJR	1
Chlorobenzene	< 0.22	ug/l	0.22	0.69	1	8260B	8/26/2004	CJR	1
Chloroethane	< 0.38	ug/l	0.38	1.2	1	8260B	8/26/2004	CJR	1
Chloroform	< 0.25	ug/l	0.25	0.79	1	8260B	8/26/2004	CJR	1
Chloromethane	< 0.6	ug/l	0.6	1.9	1	8260B	8/26/2004	CJR	1
2-Chlorotoluene	< 0.3	ug/l	0.3	0.95	1	8260B	8/26/2004	CJR	1
4-Chlorotoluene	< 0.39	ug/l	0.39	1.3	1	8260B	8/26/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 0.99	ug/l	0.99	3.1	1	8260B	8/26/2004	CJR	1
Dibromochloromethane	< 0.34	ug/l	0.34	1.1	1	8260B	8/26/2004	CJR	1
1,4-Dichlorobenzene	< 0.63	ug/l	0.63	2	1	8260B	8/26/2004	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	8260B	8/26/2004	CJR	1
1,2-Dichlorobenzene	< 0.52	ug/l	0.52	1.7	1	8260B	8/26/2004	CJR	1
Dichlorodifluoromethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/26/2004	CJR	3 4
1,2-Dichloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	8/26/2004	CJR	1
1,1-Dichloroethane	0.3	ug/l	0.3	0.95	1	8260B	8/26/2004	CJR	1
1,1-Dichloroethene	< 0.39	ug/l	0.39	1.2	1	8260B	8/26/2004	CJR	1
cis-1,2-Dichloroethene	< 0.29	ug/l	0.29	0.91	1	8260B	8/26/2004	CJR	1
trans-1,2-Dichloroethene	< 0.22	ug/l	0.22	0.7	1	8260B	8/26/2004	CJR	1
1,2-Dichloropropane	< 0.35	ug/l	0.35	1.1	1	8260B	8/26/2004	CJR	1
2,2-Dichloropropane	< 0.51	ug/l	0.51	1.6	1	8260B	8/26/2004	CJR	1
1,3-Dichloropropane	< 0.28	ug/l	0.28	0.89	1	8260B	8/26/2004	CJR	1
Di-isopropyl ether	< 0.27	ug/l	0.27	0.87	1	8260B	8/26/2004	CJR	1
EDB (1,2-Dibromoethane)	< 0.27	ug/l	0.27	0.85	1	8260B	8/26/2004	CJR	1
Ethylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	8/26/2004	CJR	1
Hexachlorobutadiene	< 0.62	ug/l	0.62	2	1	8260B	8/26/2004	CJR	1
Isopropylbenzene	< 0.19	ug/l	0.19	0.59	1	8260B	8/26/2004	CJR	1
p-Isopropyltoluene	< 0.3	ug/l	0.3	0.95	1	8260B	8/26/2004	CJR	1

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Lab Code 5010989I
Sample ID MW-9
Sample Matrix Water
Sample Date 8/23/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Methylene chloride	< 0.7	ug/l	0.7	2.2	1	8260B	8/26/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.2	ug/l	0.2	0.64	1	8260B	8/26/2004	CJR	1
Naphthalene	< 0.6	ug/l	0.6	1.9	1	8260B	8/26/2004	CJR	1
n-Propylbenzene	< 0.32	ug/l	0.32	1	1	8260B	8/26/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.69	1	8260B	8/26/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 0.27	ug/l	0.27	0.86	1	8260B	8/26/2004	CJR	1
Tetrachloroethene	< 0.7	ug/l	0.7	2.2	1	8260B	8/26/2004	CJR	1
Toluene	< 0.57	ug/l	0.57	1.8	1	8260B	8/26/2004	CJR	1
1,2,4-Trichlorobenzene	< 0.79	ug/l	0.79	2.5	1	8260B	8/26/2004	CJR	1
1,2,3-Trichlorobenzene	< 0.5	ug/l	0.5	1.6	1	8260B	8/26/2004	CJR	1
1,1,1-Trichloroethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/26/2004	CJR	1
1,1,2-Trichloroethane	< 0.25	ug/l	0.25	0.79	1	8260B	8/26/2004	CJR	1
Trichloroethene (TCE)	< 0.27	ug/l	0.27	0.87	1	8260B	8/26/2004	CJR	1
Trichlorofluoromethane	< 0.22	ug/l	0.22	0.71	1	8260B	8/26/2004	CJR	1
1,2,4-Trimethylbenzene	< 0.51	ug/l	0.51	1.6	1	8260B	8/26/2004	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.1	1	8260B	8/26/2004	CJR	1
Vinyl Chloride	< 0.21	ug/l	0.21	0.66	1	8260B	8/26/2004	CJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B	8/26/2004	CJR	1
o-Xylene	< 0.64	ug/l	0.64	2	1	8260B	8/26/2004	CJR	1

Lab Code 5010989J
Sample ID MW-10
Sample Matrix Water
Sample Date 8/23/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PAH SIM									
Acenaphthene	< 0.032	ug/l	0.032	0.100	1	M8270	8/31/2004	MJR	1
Acenaphthylene	< 0.015	ug/l	0.015	0.049	1	M8270	8/31/2004	MJR	1
Anthracene	< 0.023	ug/l	0.023	0.072	1	M8270	8/31/2004	MJR	1
Benzo(a)anthracene	< 0.031	ug/l	0.031	0.097	1	M8270	8/31/2004	MJR	1
Benzo(a)pyrene	< 0.008	ug/l	0.008	0.025	1	M8270	8/31/2004	MJR	1
Benzo(b)fluoranthene	0.010 "J"	ug/l	0.009	0.028	1	M8270	8/31/2004	MJR	1
Benzo(g,h,i)perylene	0.039 "J"	ug/l	0.016	0.051	1	M8270	8/31/2004	MJR	1
Benzo(k)fluoranthene	< 0.024	ug/l	0.024	0.077	1	M8270	8/31/2004	MJR	1
Chrysene	0.008 "J"	ug/l	0.007	0.023	1	M8270	8/31/2004	MJR	1
Dibenzo(a,h)anthracene	< 0.037	ug/l	0.037	0.118	1	M8270	8/31/2004	MJR	1
Fluoranthene	0.094	ug/l	0.024	0.076	1	M8270	8/31/2004	MJR	1
Fluorene	< 0.015	ug/l	0.015	0.048	1	M8270	8/31/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 0.021	ug/l	0.021	0.065	1	M8270	8/31/2004	MJR	1
1-Methyl naphthalene	< 0.026	ug/l	0.026	0.082	1	M8270	8/31/2004	MJR	1
2-Methyl naphthalene	< 0.03	ug/l	0.03	0.094	1	M8270	8/31/2004	MJR	1
Naphthalene	< 0.026	ug/l	0.026	0.081	1	M8270	8/31/2004	MJR	1
Phenanthrene	< 0.045	ug/l	0.045	0.143	1	M8270	8/31/2004	MJR	1
Pyrene	0.14	ug/l	0.023	0.072	1	M8270	8/31/2004	MJR	1
VOC's									
Benzene	< 0.29	ug/l	0.29	0.91	1	8260B	8/26/2004	CJR	1
Bromobenzene	< 0.39	ug/l	0.39	1.3	1	8260B	8/26/2004	CJR	1
Bromodichloromethane	< 0.2	ug/l	0.2	0.65	1	8260B	8/26/2004	CJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B	8/26/2004	CJR	1
tert-Butylbenzene	< 0.31	ug/l	0.31	0.99	1	8260B	8/26/2004	CJR	1
sec-Butylbenzene	< 0.21	ug/l	0.21	0.68	1	8260B	8/26/2004	CJR	1
n-Butylbenzene	< 0.39	ug/l	0.39	1.2	1	8260B	8/26/2004	CJR	1
Carbon Tetrachloride	< 0.16	ug/l	0.16	0.52	1	8260B	8/26/2004	CJR	1

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Lab Code 5010989J
Sample ID MW-10
Sample Matrix Water
Sample Date 8/23/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Chlorobenzene	< 0.22	ug/l	0.22	0.69	1	8260B	8/26/2004	CJR	1
Chloroethane	< 0.38	ug/l	0.38	1.2	1	8260B	8/26/2004	CJR	1
Chloroform	< 0.25	ug/l	0.25	0.79	1	8260B	8/26/2004	CJR	1
Chloromethane	< 0.6	ug/l	0.6	1.9	1	8260B	8/26/2004	CJR	1
2-Chlorotoluene	< 0.3	ug/l	0.3	0.95	1	8260B	8/26/2004	CJR	1
4-Chlorotoluene	< 0.39	ug/l	0.39	1.3	1	8260B	8/26/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 0.99	ug/l	0.99	3.1	1	8260B	8/26/2004	CJR	1
Dibromochloromethane	< 0.34	ug/l	0.34	1.1	1	8260B	8/26/2004	CJR	1
1,4-Dichlorobenzene	< 0.63	ug/l	0.63	2	1	8260B	8/26/2004	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	8260B	8/26/2004	CJR	1
1,2-Dichlorobenzene	< 0.52	ug/l	0.52	1.7	1	8260B	8/26/2004	CJR	1
Dichlorodifluoromethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/26/2004	CJR	3 4
1,2-Dichloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	8/26/2004	CJR	1
1,1-Dichloroethane	< 0.3	ug/l	0.3	0.95	1	8260B	8/26/2004	CJR	1
1,1-Dichloroethene	< 0.39	ug/l	0.39	1.2	1	8260B	8/26/2004	CJR	1
cis-1,2-Dichloroethene	< 0.29	ug/l	0.29	0.91	1	8260B	8/26/2004	CJR	1
trans-1,2-Dichloroethene	< 0.22	ug/l	0.22	0.7	1	8260B	8/26/2004	CJR	1
1,2-Dichloropropane	< 0.35	ug/l	0.35	1.1	1	8260B	8/26/2004	CJR	1
2,2-Dichloropropane	< 0.51	ug/l	0.51	1.6	1	8260B	8/26/2004	CJR	1
1,3-Dichloropropane	< 0.28	ug/l	0.28	0.89	1	8260B	8/26/2004	CJR	1
Di-isopropyl ether	< 0.27	ug/l	0.27	0.87	1	8260B	8/26/2004	CJR	1
EDB (1,2-Dibromoethane)	< 0.27	ug/l	0.27	0.85	1	8260B	8/26/2004	CJR	1
Ethylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	8/26/2004	CJR	1
Hexachlorobutadiene	< 0.62	ug/l	0.62	2	1	8260B	8/26/2004	CJR	1
Isopropylbenzene	< 0.19	ug/l	0.19	0.59	1	8260B	8/26/2004	CJR	1
p-Isopropyltoluene	< 0.3	ug/l	0.3	0.95	1	8260B	8/26/2004	CJR	1
Methylene chloride	< 0.7	ug/l	0.7	2.2	1	8260B	8/26/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.2	ug/l	0.2	0.64	1	8260B	8/26/2004	CJR	1
Naphthalene	< 0.6	ug/l	0.6	1.9	1	8260B	8/26/2004	CJR	1
n-Propylbenzene	< 0.32	ug/l	0.32	1	1	8260B	8/26/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.69	1	8260B	8/26/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 0.27	ug/l	0.27	0.86	1	8260B	8/26/2004	CJR	1
Tetrachloroethene	< 0.7	ug/l	0.7	2.2	1	8260B	8/26/2004	CJR	1
Toluene	< 0.57	ug/l	0.57	1.8	1	8260B	8/26/2004	CJR	1
1,2,4-Trichlorobenzene	< 0.79	ug/l	0.79	2.5	1	8260B	8/26/2004	CJR	1
1,2,3-Trichlorobenzene	< 0.5	ug/l	0.5	1.6	1	8260B	8/26/2004	CJR	1
1,1,1-Trichloroethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/26/2004	CJR	1
1,1,2-Trichloroethane	< 0.25	ug/l	0.25	0.79	1	8260B	8/26/2004	CJR	1
Trichloroethene (TCE)	< 0.27	ug/l	0.27	0.87	1	8260B	8/26/2004	CJR	1
Trichlorofluoromethane	< 0.22	ug/l	0.22	0.71	1	8260B	8/26/2004	CJR	1
1,2,4-Trimethylbenzene	< 0.51	ug/l	0.51	1.6	1	8260B	8/26/2004	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.1	1	8260B	8/26/2004	CJR	1
Vinyl Chloride	< 0.21	ug/l	0.21	0.66	1	8260B	8/26/2004	CJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B	8/26/2004	CJR	1
o-Xylene	< 0.64	ug/l	0.64	2	1	8260B	8/26/2004	CJR	1

Lab Code 5010989K
Sample ID MW-11
Sample Matrix Water
Sample Date 8/23/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PAH SIM									
Acenaphthene	< 0.032	ug/l	0.032	0.100	1	M8270	8/31/2004	MJR	1
Acenaphthylene	< 0.015	ug/l	0.015	0.049	1	M8270	8/31/2004	MJR	1

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Lab Code 5010989K
Sample ID MW-11
Sample Matrix Water
Sample Date 8/23/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Anthracene	< 0.023	ug/l	0.023	0.072	1	M8270	8/31/2004	MJR	1
Benzo(a)anthracene	< 0.031	ug/l	0.031	0.097	1	M8270	8/31/2004	MJR	1
Benzo(a)pyrene	0.011 "J"	ug/l	0.008	0.025	1	M8270	8/31/2004	MJR	1
Benzo(b)fluoranthene	0.020 "J"	ug/l	0.009	0.028	1	M8270	8/31/2004	MJR	1
Benzo(g,h,i)perylene	< 0.016	ug/l	0.016	0.051	1	M8270	8/31/2004	MJR	1
Benzo(k)fluoranthene	< 0.024	ug/l	0.024	0.077	1	M8270	8/31/2004	MJR	1
Chrysene	0.016 "J"	ug/l	0.007	0.023	1	M8270	8/31/2004	MJR	1
Dibenzo(a,h)anthracene	< 0.037	ug/l	0.037	0.118	1	M8270	8/31/2004	MJR	1
Fluoranthene	0.12	ug/l	0.024	0.076	1	M8270	8/31/2004	MJR	1
Fluorene	< 0.015	ug/l	0.015	0.048	1	M8270	8/31/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 0.021	ug/l	0.021	0.065	1	M8270	8/31/2004	MJR	1
1-Methyl naphthalene	< 0.026	ug/l	0.026	0.082	1	M8270	8/31/2004	MJR	1
2-Methyl naphthalene	< 0.03	ug/l	0.03	0.094	1	M8270	8/31/2004	MJR	1
Naphthalene	< 0.026	ug/l	0.026	0.081	1	M8270	8/31/2004	MJR	1
Phenanthrene	< 0.045	ug/l	0.045	0.143	1	M8270	8/31/2004	MJR	1
Pyrene	0.20	ug/l	0.023	0.072	1	M8270	8/31/2004	MJR	1
VOC's									
Benzene	< 0.29	ug/l	0.29	0.91	1	8260B	8/26/2004	CJR	1
Bromobenzene	< 0.39	ug/l	0.39	1.3	1	8260B	8/26/2004	CJR	1
Bromodichloromethane	< 0.2	ug/l	0.2	0.65	1	8260B	8/26/2004	CJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B	8/26/2004	CJR	1
tert-Butylbenzene	< 0.31	ug/l	0.31	0.99	1	8260B	8/26/2004	CJR	1
sec-Butylbenzene	< 0.21	ug/l	0.21	0.68	1	8260B	8/26/2004	CJR	1
n-Butylbenzene	< 0.39	ug/l	0.39	1.2	1	8260B	8/26/2004	CJR	1
Carbon Tetrachloride	< 0.16	ug/l	0.16	0.52	1	8260B	8/26/2004	CJR	1
Chlorobenzene	< 0.22	ug/l	0.22	0.69	1	8260B	8/26/2004	CJR	1
Chloroethane	< 0.38	ug/l	0.38	1.2	1	8260B	8/26/2004	CJR	1
Chloroform	< 0.25	ug/l	0.25	0.79	1	8260B	8/26/2004	CJR	1
Chloromethane	< 0.6	ug/l	0.6	1.9	1	8260B	8/26/2004	CJR	1
2-Chlorotoluene	< 0.3	ug/l	0.3	0.95	1	8260B	8/26/2004	CJR	1
4-Chlorotoluene	< 0.39	ug/l	0.39	1.3	1	8260B	8/26/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 0.99	ug/l	0.99	3.1	1	8260B	8/26/2004	CJR	1
Dibromochloromethane	< 0.34	ug/l	0.34	1.1	1	8260B	8/26/2004	CJR	1
1,4-Dichlorobenzene	< 0.63	ug/l	0.63	2	1	8260B	8/26/2004	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	8260B	8/26/2004	CJR	1
1,2-Dichlorobenzene	< 0.52	ug/l	0.52	1.7	1	8260B	8/26/2004	CJR	1
Dichlorodifluoromethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/26/2004	CJR	3 4
1,2-Dichloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	8/26/2004	CJR	1
1,1-Dichloroethane	< 0.3	ug/l	0.3	0.95	1	8260B	8/26/2004	CJR	1
1,1-Dichloroethene	< 0.39	ug/l	0.39	1.2	1	8260B	8/26/2004	CJR	1
cis-1,2-Dichloroethene	< 0.29	ug/l	0.29	0.91	1	8260B	8/26/2004	CJR	1
trans-1,2-Dichloroethene	< 0.22	ug/l	0.22	0.7	1	8260B	8/26/2004	CJR	1
1,2-Dichloropropane	< 0.35	ug/l	0.35	1.1	1	8260B	8/26/2004	CJR	1
2,2-Dichloropropane	< 0.51	ug/l	0.51	1.6	1	8260B	8/26/2004	CJR	1
1,3-Dichloropropane	< 0.28	ug/l	0.28	0.89	1	8260B	8/26/2004	CJR	1
Di-isopropyl ether	< 0.27	ug/l	0.27	0.87	1	8260B	8/26/2004	CJR	1
EDB (1,2-Dibromoethane)	< 0.27	ug/l	0.27	0.85	1	8260B	8/26/2004	CJR	1
Ethylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	8/26/2004	CJR	1
Hexachlorobutadiene	< 0.62	ug/l	0.62	2	1	8260B	8/26/2004	CJR	1
Isopropylbenzene	< 0.19	ug/l	0.19	0.59	1	8260B	8/26/2004	CJR	1
p-Isopropyltoluene	< 0.3	ug/l	0.3	0.95	1	8260B	8/26/2004	CJR	1
Methylene chloride	< 0.7	ug/l	0.7	2.2	1	8260B	8/26/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.2	ug/l	0.2	0.64	1	8260B	8/26/2004	CJR	1
Naphthalene	< 0.6	ug/l	0.6	1.9	1	8260B	8/26/2004	CJR	1
n-Propylbenzene	< 0.32	ug/l	0.32	1	1	8260B	8/26/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.69	1	8260B	8/26/2004	CJR	1

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Sample ID MW-11
Sample Matrix Water
Sample Date 8/23/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
1,1,1,2-Tetrachloroethane	< 0.27	ug/l	0.27	0.86	1	8260B	8/26/2004	CJR	1
Tetrachloroethene	< 0.7	ug/l	0.7	2.2	1	8260B	8/26/2004	CJR	1
Toluene	< 0.57	ug/l	0.57	1.8	1	8260B	8/26/2004	CJR	1
1,2,4-Trichlorobenzene	< 0.79	ug/l	0.79	2.5	1	8260B	8/26/2004	CJR	1
1,2,3-Trichlorobenzene	< 0.5	ug/l	0.5	1.6	1	8260B	8/26/2004	CJR	1
1,1,1-Trichloroethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/26/2004	CJR	1
1,1,2-Trichloroethane	< 0.25	ug/l	0.25	0.79	1	8260B	8/26/2004	CJR	1
Trichloroethene (TCE)	< 0.27	ug/l	0.27	0.87	1	8260B	8/26/2004	CJR	1
Trichlorofluoromethane	< 0.22	ug/l	0.22	0.71	1	8260B	8/26/2004	CJR	1
1,2,4-Trimethylbenzene	< 0.51	ug/l	0.51	1.6	1	8260B	8/26/2004	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.1	1	8260B	8/26/2004	CJR	1
Vinyl Chloride	< 0.21	ug/l	0.21	0.66	1	8260B	8/26/2004	CJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B	8/26/2004	CJR	1
o-Xylene	< 0.64	ug/l	0.64	2	1	8260B	8/26/2004	CJR	1

Lab Code 5010989L
Sample ID MW-12
Sample Matrix Water
Sample Date 8/23/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PAH SIM									
Acenaphthene	1.6	ug/l	0.16	0.5	5	M8270	8/31/2004	MJR	1
Acenaphthylene	0.31	ug/l	0.075	0.25	5	M8270	8/31/2004	MJR	1
Anthracene	0.39	ug/l	0.12	0.36	5	M8270	8/31/2004	MJR	1
Benzo(a)anthracene	< 0.16	ug/l	0.16	0.49	5	M8270	8/31/2004	MJR	1
Benzo(a)pyrene	< 0.04	ug/l	0.04	0.13	5	M8270	8/31/2004	MJR	1
Benzo(b)fluoranthene	0.065 "J"	ug/l	0.045	0.14	5	M8270	8/31/2004	MJR	1
Benzo(g,h,i)perylene	< 0.08	ug/l	0.08	0.26	5	M8270	8/31/2004	MJR	1
Benzo(k)fluoranthene	< 0.12	ug/l	0.12	0.38	5	M8270	8/31/2004	MJR	1
Chrysene	0.071 "J"	ug/l	0.035	0.12	5	M8270	8/31/2004	MJR	1
Dibenzo(a,h)anthracene	< 0.19	ug/l	0.19	0.59	5	M8270	8/31/2004	MJR	1
Fluoranthene	0.66	ug/l	0.12	0.38	5	M8270	8/31/2004	MJR	1
Fluorene	1.6	ug/l	0.075	0.24	5	M8270	8/31/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 0.11	ug/l	0.11	0.33	5	M8270	8/31/2004	MJR	1
1-Methyl naphthalene	1.1	ug/l	0.13	0.42	5	M8270	8/31/2004	MJR	1
2-Methyl naphthalene	1.4	ug/l	0.15	0.47	5	M8270	8/31/2004	MJR	1
Naphthalene	10	ug/l	0.13	0.41	5	M8270	8/31/2004	MJR	1
Phenanthrene	2.4	ug/l	0.23	0.72	5	M8270	8/31/2004	MJR	1
Pyrene	0.54	ug/l	0.12	0.36	5	M8270	8/31/2004	MJR	1
VOC's									
Benzene	1.8	ug/l	0.29	0.91	1	8260B	8/27/2004	CJR	1
Bromobenzene	< 0.39	ug/l	0.39	1.3	1	8260B	8/27/2004	CJR	1
Bromodichloromethane	< 0.2	ug/l	0.2	0.65	1	8260B	8/27/2004	CJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B	8/27/2004	CJR	1
tert-Butylbenzene	< 0.31	ug/l	0.31	0.99	1	8260B	8/27/2004	CJR	1
sec-Butylbenzene	< 0.21	ug/l	0.21	0.68	1	8260B	8/27/2004	CJR	1
n-Butylbenzene	< 0.39	ug/l	0.39	1.2	1	8260B	8/27/2004	CJR	1
Carbon Tetrachloride	< 0.16	ug/l	0.16	0.52	1	8260B	8/27/2004	CJR	1
Chlorobenzene	< 0.22	ug/l	0.22	0.69	1	8260B	8/27/2004	CJR	1
Chloroethane	< 0.38	ug/l	0.38	1.2	1	8260B	8/27/2004	CJR	1
Chloroform	< 0.25	ug/l	0.25	0.79	1	8260B	8/27/2004	CJR	1
Chloromethane	< 0.6	ug/l	0.6	1.9	1	8260B	8/27/2004	CJR	1
2-Chlorotoluene	< 0.3	ug/l	0.3	0.95	1	8260B	8/27/2004	CJR	1

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	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
4-Chlorotoluene	< 0.39	ug/l	0.39	1.3	1	8260B	8/27/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 0.99	ug/l	0.99	3.1	1	8260B	8/27/2004	CJR	1
Dibromochloromethane	< 0.34	ug/l	0.34	1.1	1	8260B	8/27/2004	CJR	1
1,4-Dichlorobenzene	< 0.63	ug/l	0.63	2	1	8260B	8/27/2004	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	8260B	8/27/2004	CJR	1
1,2-Dichlorobenzene	< 0.52	ug/l	0.52	1.7	1	8260B	8/27/2004	CJR	1
Dichlorodifluoromethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/27/2004	CJR	3 4
1,2-Dichloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	8/27/2004	CJR	1
1,1-Dichloroethane	< 0.3	ug/l	0.3	0.95	1	8260B	8/27/2004	CJR	1
1,1-Dichloroethene	< 0.39	ug/l	0.39	1.2	1	8260B	8/27/2004	CJR	1
cis-1,2-Dichloroethene	< 0.29	ug/l	0.29	0.91	1	8260B	8/27/2004	CJR	1
trans-1,2-Dichloroethene	< 0.22	ug/l	0.22	0.7	1	8260B	8/27/2004	CJR	1
1,2-Dichloropropane	< 0.35	ug/l	0.35	1.1	1	8260B	8/27/2004	CJR	1
2,2-Dichloropropane	< 0.51	ug/l	0.51	1.6	1	8260B	8/27/2004	CJR	1
1,3-Dichloropropane	< 0.28	ug/l	0.28	0.89	1	8260B	8/27/2004	CJR	1
Di-isopropyl ether	< 0.27	ug/l	0.27	0.87	1	8260B	8/27/2004	CJR	1
EDB (1,2-Dibromoethane)	< 0.27	ug/l	0.27	0.85	1	8260B	8/27/2004	CJR	1
Ethylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	8/27/2004	CJR	1
Hexachlorobutadiene	< 0.62	ug/l	0.62	2	1	8260B	8/27/2004	CJR	1
Isopropylbenzene	< 0.19	ug/l	0.19	0.59	1	8260B	8/27/2004	CJR	1
p-Isopropyltoluene	< 0.3	ug/l	0.3	0.95	1	8260B	8/27/2004	CJR	1
Methylene chloride	< 0.7	ug/l	0.7	2.2	1	8260B	8/27/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.2	ug/l	0.2	0.64	1	8260B	8/27/2004	CJR	1
Naphthalene	21	ug/l	0.6	1.9	1	8260B	8/27/2004	CJR	1
n-Propylbenzene	< 0.32	ug/l	0.32	1	1	8260B	8/27/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.69	1	8260B	8/27/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 0.27	ug/l	0.27	0.86	1	8260B	8/27/2004	CJR	1
Tetrachloroethene	< 0.7	ug/l	0.7	2.2	1	8260B	8/27/2004	CJR	1
Toluene	0.59 "J"	ug/l	0.57	1.8	1	8260B	8/27/2004	CJR	1
1,2,4-Trichlorobenzene	< 0.79	ug/l	0.79	2.5	1	8260B	8/27/2004	CJR	1
1,2,3-Trichlorobenzene	< 0.5	ug/l	0.5	1.6	1	8260B	8/27/2004	CJR	1
1,1,1-Trichloroethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/27/2004	CJR	1
1,1,2-Trichloroethane	< 0.25	ug/l	0.25	0.79	1	8260B	8/27/2004	CJR	1
Trichloroethene (TCE)	0.32 "J"	ug/l	0.27	0.87	1	8260B	8/27/2004	CJR	1
Trichlorofluoromethane	< 0.22	ug/l	0.22	0.71	1	8260B	8/27/2004	CJR	1
1,2,4-Trimethylbenzene	< 0.51	ug/l	0.51	1.6	1	8260B	8/27/2004	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.1	1	8260B	8/27/2004	CJR	1
Vinyl Chloride	< 0.21	ug/l	0.21	0.66	1	8260B	8/27/2004	CJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B	8/27/2004	CJR	1
o-Xylene	< 0.64	ug/l	0.64	2	1	8260B	8/27/2004	CJR	1

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Sample Matrix Water
Sample Date 8/23/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PAH SIM									
Acenaphthene	< 0.032	ug/l	0.032	0.100	1	M8270	8/31/2004	MJR	1
Acenaphthylene	0.017 "J"	ug/l	0.015	0.049	1	M8270	8/31/2004	MJR	1
Anthracene	0.029 "J"	ug/l	0.023	0.072	1	M8270	8/31/2004	MJR	1
Benzo(a)anthracene	0.14	ug/l	0.031	0.097	1	M8270	8/31/2004	MJR	1
Benzo(a)pyrene	0.16	ug/l	0.008	0.025	1	M8270	8/31/2004	MJR	1
Benzo(b)fluoranthene	0.32	ug/l	0.009	0.028	1	M8270	8/31/2004	MJR	1
Benzo(g,h,i)perylene	0.28	ug/l	0.016	0.051	1	M8270	8/31/2004	MJR	1

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	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Benzo(k)fluoranthene	0.11	ug/l	0.024	0.077	1	M8270	8/31/2004	MJR	1
Chrysene	0.20	ug/l	0.007	0.023	1	M8270	8/31/2004	MJR	1
Dibenzo(a,h)anthracene	< 0.037	ug/l	0.037	0.118	1	M8270	8/31/2004	MJR	1
Fluoranthene	0.50	ug/l	0.024	0.076	1	M8270	8/31/2004	MJR	1
Fluorene	0.022 "J"	ug/l	0.015	0.048	1	M8270	8/31/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 0.021	ug/l	0.021	0.065	1	M8270	8/31/2004	MJR	1
1-Methyl naphthalene	< 0.026	ug/l	0.026	0.082	1	M8270	8/31/2004	MJR	1
2-Methyl naphthalene	< 0.03	ug/l	0.03	0.094	1	M8270	8/31/2004	MJR	1
Naphthalene	0.059 "J"	ug/l	0.026	0.081	1	M8270	8/31/2004	MJR	1
Phenanthrene	0.13 "J"	ug/l	0.045	0.143	1	M8270	8/31/2004	MJR	1
Pyrene	0.67	ug/l	0.023	0.072	1	M8270	8/31/2004	MJR	1
VOC's									
Benzene	< 0.29	ug/l	0.29	0.91	1	8260B	8/27/2004	CJR	1
Bromobenzene	< 0.39	ug/l	0.39	1.3	1	8260B	8/27/2004	CJR	1
Bromodichloromethane	< 0.2	ug/l	0.2	0.65	1	8260B	8/27/2004	CJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B	8/27/2004	CJR	1
tert-Butylbenzene	< 0.31	ug/l	0.31	0.99	1	8260B	8/27/2004	CJR	1
sec-Butylbenzene	< 0.21	ug/l	0.21	0.68	1	8260B	8/27/2004	CJR	1
n-Butylbenzene	< 0.39	ug/l	0.39	1.2	1	8260B	8/27/2004	CJR	1
Carbon Tetrachloride	< 0.16	ug/l	0.16	0.52	1	8260B	8/27/2004	CJR	1
Chlorobenzene	< 0.22	ug/l	0.22	0.69	1	8260B	8/27/2004	CJR	1
Chloroethane	< 0.38	ug/l	0.38	1.2	1	8260B	8/27/2004	CJR	1
Chloroform	< 0.25	ug/l	0.25	0.79	1	8260B	8/27/2004	CJR	1
Chloromethane	< 0.6	ug/l	0.6	1.9	1	8260B	8/27/2004	CJR	1
2-Chlorotoluene	< 0.3	ug/l	0.3	0.95	1	8260B	8/27/2004	CJR	1
4-Chlorotoluene	< 0.39	ug/l	0.39	1.3	1	8260B	8/27/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 0.99	ug/l	0.99	3.1	1	8260B	8/27/2004	CJR	1
Dibromochloromethane	< 0.34	ug/l	0.34	1.1	1	8260B	8/27/2004	CJR	1
1,4-Dichlorobenzene	< 0.63	ug/l	0.63	2	1	8260B	8/27/2004	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	8260B	8/27/2004	CJR	1
1,2-Dichlorobenzene	< 0.52	ug/l	0.52	1.7	1	8260B	8/27/2004	CJR	1
Dichlorodifluoromethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/27/2004	CJR	3 4
1,2-Dichloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	8/27/2004	CJR	1
1,1-Dichloroethane	< 0.3	ug/l	0.3	0.95	1	8260B	8/27/2004	CJR	1
1,1-Dichloroethene	< 0.39	ug/l	0.39	1.2	1	8260B	8/27/2004	CJR	1
cis-1,2-Dichloroethene	< 0.29	ug/l	0.29	0.91	1	8260B	8/27/2004	CJR	1
trans-1,2-Dichloroethene	< 0.22	ug/l	0.22	0.7	1	8260B	8/27/2004	CJR	1
1,2-Dichloropropane	< 0.35	ug/l	0.35	1.1	1	8260B	8/27/2004	CJR	1
2,2-Dichloropropane	< 0.51	ug/l	0.51	1.6	1	8260B	8/27/2004	CJR	1
1,3-Dichloropropane	< 0.28	ug/l	0.28	0.89	1	8260B	8/27/2004	CJR	1
Di-isopropyl ether	< 0.27	ug/l	0.27	0.87	1	8260B	8/27/2004	CJR	1
EDB (1,2-Dibromoethane)	< 0.27	ug/l	0.27	0.85	1	8260B	8/27/2004	CJR	1
Ethylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	8/27/2004	CJR	1
Hexachlorobutadiene	< 0.62	ug/l	0.62	2	1	8260B	8/27/2004	CJR	1
Isopropylbenzene	< 0.19	ug/l	0.19	0.59	1	8260B	8/27/2004	CJR	1
p-Isopropyltoluene	< 0.3	ug/l	0.3	0.95	1	8260B	8/27/2004	CJR	1
Methylene chloride	< 0.7	ug/l	0.7	2.2	1	8260B	8/27/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.2	ug/l	0.2	0.64	1	8260B	8/27/2004	CJR	1
Naphthalene	0.62 "J"	ug/l	0.6	1.9	1	8260B	8/27/2004	CJR	1
n-Propylbenzene	< 0.32	ug/l	0.32	1	1	8260B	8/27/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.69	1	8260B	8/27/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 0.27	ug/l	0.27	0.86	1	8260B	8/27/2004	CJR	1
Tetrachloroethene	< 0.7	ug/l	0.7	2.2	1	8260B	8/27/2004	CJR	1
Toluene	< 0.57	ug/l	0.57	1.8	1	8260B	8/27/2004	CJR	1
1,2,4-Trichlorobenzene	< 0.79	ug/l	0.79	2.5	1	8260B	8/27/2004	CJR	1
1,2,3-Trichlorobenzene	< 0.5	ug/l	0.5	1.6	1	8260B	8/27/2004	CJR	1

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	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
1,1,1-Trichloroethane	3.3	ug/l	0.16	0.5	1	8260B	8/27/2004	CJR	1
1,1,2-Trichloroethane	< 0.25	ug/l	0.25	0.79	1	8260B	8/27/2004	CJR	1
Trichloroethene (TCE)	< 0.27	ug/l	0.27	0.87	1	8260B	8/27/2004	CJR	1
Trichlorofluoromethane	< 0.22	ug/l	0.22	0.71	1	8260B	8/27/2004	CJR	1
1,2,4-Trimethylbenzene	< 0.51	ug/l	0.51	1.6	1	8260B	8/27/2004	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.1	1	8260B	8/27/2004	CJR	1
Vinyl Chloride	< 0.21	ug/l	0.21	0.66	1	8260B	8/27/2004	CJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B	8/27/2004	CJR	1
o-Xylene	< 0.64	ug/l	0.64	2	1	8260B	8/27/2004	CJR	1

Lab Code 5010989N
Sample ID MW-14
Sample Matrix Water
Sample Date 8/23/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PAH SIM									
Acenaphthene	1.7	ug/l	0.16	0.5	5	M8270	8/31/2004	MJR	1
Acenaphthylene	0.088 "J"	ug/l	0.075	0.25	5	M8270	8/31/2004	MJR	1
Anthracene	0.51	ug/l	0.12	0.36	5	M8270	8/31/2004	MJR	1
Benzo(a)anthracene	< 0.16	ug/l	0.16	0.49	5	M8270	8/31/2004	MJR	1
Benzo(a)pyrene	< 0.04	ug/l	0.04	0.13	5	M8270	8/31/2004	MJR	1
Benzo(b)fluoranthene	< 0.045	ug/l	0.045	0.14	5	M8270	8/31/2004	MJR	1
Benzo(g,h,i)perylene	< 0.08	ug/l	0.08	0.26	5	M8270	8/31/2004	MJR	1
Benzo(k)fluoranthene	< 0.12	ug/l	0.12	0.38	5	M8270	8/31/2004	MJR	1
Chrysene	0.048 "J"	ug/l	0.035	0.12	5	M8270	8/31/2004	MJR	1
Dibenzo(a,h)anthracene	< 0.19	ug/l	0.19	0.59	5	M8270	8/31/2004	MJR	1
Fluoranthene	0.47	ug/l	0.12	0.38	5	M8270	8/31/2004	MJR	1
Fluorene	1.2	ug/l	0.075	0.24	5	M8270	8/31/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 0.105	ug/l	0.11	0.33	5	M8270	8/31/2004	MJR	1
1-Methyl naphthalene	4.0	ug/l	0.13	0.41	5	M8270	8/31/2004	MJR	1
2-Methyl naphthalene	6.2	ug/l	0.15	0.47	5	M8270	8/31/2004	MJR	1
Naphthalene	14	ug/l	0.13	0.41	5	M8270	8/31/2004	MJR	1
Phenanthrene	2.0	ug/l	0.23	0.72	5	M8270	8/31/2004	MJR	1
Pyrene	0.30 "J"	ug/l	0.12	0.36	5	M8270	8/31/2004	MJR	1
VOC's									
Benzene	1.2	ug/l	0.29	0.91	1	8260B	8/27/2004	CJR	1
Bromobenzene	< 0.39	ug/l	0.39	1.3	1	8260B	8/27/2004	CJR	1
Bromodichloromethane	< 0.2	ug/l	0.2	0.65	1	8260B	8/27/2004	CJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B	8/27/2004	CJR	1
tert-Butylbenzene	< 0.31	ug/l	0.31	0.99	1	8260B	8/27/2004	CJR	1
sec-Butylbenzene	0.53 "J"	ug/l	0.21	0.68	1	8260B	8/27/2004	CJR	1
n-Butylbenzene	0.49 "J"	ug/l	0.39	1.2	1	8260B	8/27/2004	CJR	1
Carbon Tetrachloride	< 0.16	ug/l	0.16	0.52	1	8260B	8/27/2004	CJR	1
Chlorobenzene	< 0.22	ug/l	0.22	0.69	1	8260B	8/27/2004	CJR	1
Chloroethane	< 0.38	ug/l	0.38	1.2	1	8260B	8/27/2004	CJR	1
Chloroform	< 0.25	ug/l	0.25	0.79	1	8260B	8/27/2004	CJR	1
Chloromethane	< 0.6	ug/l	0.6	1.9	1	8260B	8/27/2004	CJR	1
2-Chlorotoluene	< 0.3	ug/l	0.3	0.95	1	8260B	8/27/2004	CJR	1
4-Chlorotoluene	< 0.39	ug/l	0.39	1.3	1	8260B	8/27/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 0.99	ug/l	0.99	3.1	1	8260B	8/27/2004	CJR	1
Dibromochloromethane	< 0.34	ug/l	0.34	1.1	1	8260B	8/27/2004	CJR	1
1,4-Dichlorobenzene	< 0.63	ug/l	0.63	2	1	8260B	8/27/2004	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	8260B	8/27/2004	CJR	1

Project Name NOVAK SITE **Invoice #** E10989
Project #

Lab Code 5010989N
Sample ID MW-14
Sample Matrix Water
Sample Date 8/23/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
1,2-Dichlorobenzene	< 0.52	ug/l	0.52	1.7	1	8260B	8/27/2004	CJR	1
Dichlorodifluoromethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/27/2004	CJR	3 4
1,2-Dichloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	8/27/2004	CJR	1
1,1-Dichloroethane	< 0.3	ug/l	0.3	0.95	1	8260B	8/27/2004	CJR	1
1,1-Dichloroethene	< 0.39	ug/l	0.39	1.2	1	8260B	8/27/2004	CJR	1
cis-1,2-Dichloroethene	< 0.29	ug/l	0.29	0.91	1	8260B	8/27/2004	CJR	1
trans-1,2-Dichloroethene	< 0.22	ug/l	0.22	0.7	1	8260B	8/27/2004	CJR	1
1,2-Dichloropropane	< 0.35	ug/l	0.35	1.1	1	8260B	8/27/2004	CJR	1
2,2-Dichloropropane	< 0.51	ug/l	0.51	1.6	1	8260B	8/27/2004	CJR	1
1,3-Dichloropropane	< 0.28	ug/l	0.28	0.89	1	8260B	8/27/2004	CJR	1
Di-isopropyl ether	< 0.27	ug/l	0.27	0.87	1	8260B	8/27/2004	CJR	1
EDB (1,2-Dibromoethane)	< 0.27	ug/l	0.27	0.85	1	8260B	8/27/2004	CJR	1
Ethylbenzene	3.2	ug/l	0.56	1.8	1	8260B	8/27/2004	CJR	1
Hexachlorobutadiene	< 0.62	ug/l	0.62	2	1	8260B	8/27/2004	CJR	1
Isopropylbenzene	1	ug/l	0.19	0.59	1	8260B	8/27/2004	CJR	1
p-Isopropyltoluene	0.44 "J"	ug/l	0.3	0.95	1	8260B	8/27/2004	CJR	1
Methylene chloride	< 0.7	ug/l	0.7	2.2	1	8260B	8/27/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.2	ug/l	0.2	0.64	1	8260B	8/27/2004	CJR	1
Naphthalene	17	ug/l	0.6	1.9	1	8260B	8/27/2004	CJR	1
n-Propylbenzene	1.4	ug/l	0.32	1	1	8260B	8/27/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.69	1	8260B	8/27/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 0.27	ug/l	0.27	0.86	1	8260B	8/27/2004	CJR	1
Tetrachloroethene	< 0.7	ug/l	0.7	2.2	1	8260B	8/27/2004	CJR	1
Toluene	5.3	ug/l	0.57	1.8	1	8260B	8/27/2004	CJR	1
1,2,4-Trichlorobenzene	< 0.79	ug/l	0.79	2.5	1	8260B	8/27/2004	CJR	1
1,2,3-Trichlorobenzene	< 0.5	ug/l	0.5	1.6	1	8260B	8/27/2004	CJR	1
1,1,1-Trichloroethane	< 0.16	ug/l	0.16	0.5	1	8260B	8/27/2004	CJR	1
1,1,2-Trichloroethane	< 0.25	ug/l	0.25	0.79	1	8260B	8/27/2004	CJR	1
Trichloroethene (TCE)	< 0.27	ug/l	0.27	0.87	1	8260B	8/27/2004	CJR	1
Trichlorofluoromethane	< 0.22	ug/l	0.22	0.71	1	8260B	8/27/2004	CJR	1
1,2,4-Trimethylbenzene	7.8	ug/l	0.51	1.6	1	8260B	8/27/2004	CJR	1
1,3,5-Trimethylbenzene	2.05 "J"	ug/l	0.66	2.1	1	8260B	8/27/2004	CJR	1
Vinyl Chloride	< 0.21	ug/l	0.21	0.66	1	8260B	8/27/2004	CJR	1
m&p-Xylene	7.4	ug/l	1.1	3.5	1	8260B	8/27/2004	CJR	1
o-Xylene	4.9	ug/l	0.64	2	1	8260B	8/27/2004	CJR	1

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Code	*Comment*
1	Laboratory QC within limits.
3	The matrix spike not within established limits.
4	The continuing calibration standard not within established limits.

Authorized Signature Michael J. Ricker

CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, LLC.

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Chain # No 3264

Page 1 of 2

Sample Handling Request
___ Rush Analysis Date Required ____
(Rushes accepted only with prior authorization)
✓ Normal Turn Around

Lab I.D.#

Account No. : | Quote No.:

Project #:

Sampler: (signature) J Hosler

Project (Name / Location): COWA - NOVAK SITE

Reports To: JEFF HOSLER	Invoice To:
Company TEMCO	Company CITY OF WEST ALLIS
Address P.O. BOX 856	Address 7525 W GREENFIELD AVE
City State Zip CEDARBURG WI 53012	City State Zip WEST ALLIS WI 53214
Phone 262-675-6206	Phone
FAX 262-675-6170	FAX

Analysis Requested

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	PVOC (EPA 8021)	VOC (EPA 8260)	VOC DW (EPA 524.2)	PAH (EPA 8270)	Total Suspended Solids	Lead	Other Analysis: RCRA METALS	PID/ FID
50103A	MW-1	5/10				Y		GW	HCl/HNO3				✓		✓				
B	MW-2												✓		✓				
C	MW-3												✓		✓				
D	MW-4												✓		✓			✓	
E	MW-5												✓		✓			✓	
F	MW-6												✓		✓				
G	MW-7												✓		✓				
H	MW-8												✓		✓			✓	
I	MW-9												✓		✓				
J	MW-10												✓		✓				

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

SEND INVOICE TO TEMCO

Sample Integrity - To be completed by receiving lab.
Method of Shipment: Driver
Temp. of Temp. Blank: ___ °C On Ice: Y
Cooler seal intact upon receipt: X Yes ___ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
J Hosler		11 MAY 05		11:45	5/11/05

Received in Laboratory By: [signature] Time: 8:00 AM Date: 5/12/05

CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, LLC.

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Chain # Nº 3265

Page 2 of 2

Sample Handling Request
___ Rush Analysis Date Required ____
(Rushes accepted only with prior authorization)
___ Normal Turn Around

Lab I.D.#	
Account No. :	Quote No.:
Project #:	
Sampler: (signature)	

Project (Name / Location): COWA - NOVAK SITE

Reports To:	Invoice To:
Company	Company
Address	Address
City State Zip	City State Zip
Phone	Phone
FAX	FAX

Analysis Requested

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	PVOC (EPA 8021)	VOC (EPA 8260)	VOC DW (EPA 524.2)	PAH (EPA 8270)	Total Suspended Solids	Lead	Other Analysis: RCRA METALS	PID/FID
50103 L	MW-11	5/10											✓		✓			✓	
" L	MW-11 DUP												✓						
" M	MW-12												✓		✓				
" N	MW-13												✓		✓				
" O	MW-14	↓											✓		✓			✓	

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

Sample Integrity - To be completed by receiving lab.
Method of Shipment: Dutchman
Temp. of Temp. Blank: ____ °C On Ice: X
Cooler seal intact upon receipt: X Yes ____ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
		11MAY05		11:45	5/11/05

Received in Laboratory By: _____ Time: 8:30 AM Date: 5/12/05

Synergy Environmental Lab, LLC

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

JEFF HOSLER
TEMCO
P.O. Box 856
Cedarburg, WI 53012

Report Date *26-May-05*

Project Name COWA-NOWAK SITE **Invoice #** E11703
Project #

Lab Code 5011703A
Sample ID MW-1
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PAH SIM									
Acenaphthene	0.075	ug/l	0.016	0.05	1	M8270	5/13/2005	MJR	1
Acenaphthylene	< 0.012	ug/l	0.012	0.039	1	M8270	5/13/2005	MJR	1
Anthracene	0.023 "J"	ug/l	0.013	0.04	1	M8270	5/13/2005	MJR	1
Benzo(a)anthracene	< 0.012	ug/l	0.012	0.037	1	M8270	5/13/2005	MJR	1
Benzo(a)pyrene	< 0.008	ug/l	0.008	0.026	1	M8270	5/13/2005	MJR	1
Benzo(b)fluoranthene	< 0.009	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Benzo(g,h,i)perylene	< 0.01	ug/l	0.01	0.033	1	M8270	5/13/2005	MJR	1
Benzo(k)fluoranthene	< 0.009	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Chrysene	< 0.011	ug/l	0.011	0.035	1	M8270	5/13/2005	MJR	1
Dibenzo(a,h)anthracene	< 0.009	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Fluoranthene	0.022 "J"	ug/l	0.011	0.034	1	M8270	5/13/2005	MJR	1
Fluorene	0.064	ug/l	0.015	0.046	1	M8270	5/13/2005	MJR	1
Indeno(1,2,3-cd)pyrene	< 0.015	ug/l	0.015	0.047	1	M8270	5/13/2005	MJR	1
1-Methyl naphthalene	0.041 "J"	ug/l	0.018	0.058	1	M8270	5/13/2005	MJR	1
2-Methyl naphthalene	0.048 "J"	ug/l	0.021	0.067	1	M8270	5/13/2005	MJR	1
Naphthalene	0.24	ug/l	0.028	0.089	1	M8270	5/13/2005	MJR	1
Phenanthrene	0.11	ug/l	0.011	0.035	1	M8270	5/13/2005	MJR	1
Pyrene	0.04 "J"	ug/l	0.01	0.032	1	M8270	5/13/2005	MJR	1
VOC's									
Benzene	0.47 "J"	ug/l	0.26	0.83	1	8260B	5/17/2005	CJR	1
Bromobenzene	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Bromodichloromethane	< 0.28	ug/l	0.28	0.9	1	8260B	5/17/2005	CJR	1
Bromoform	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
tert-Butylbenzene	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
sec-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
n-Butylbenzene	< 0.61	ug/l	0.61	1.9	1	8260B	5/17/2005	CJR	1
Carbon Tetrachloride	< 0.25	ug/l	0.25	0.81	1	8260B	5/17/2005	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.82	1	8260B	5/17/2005	CJR	1
Chloroethane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1

Project Name COWA-NOWAK SITE **Invoice #** E11703
Project #

Lab Code 5011703A
Sample ID MW-1
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Chloroform	< 0.78	ug/l	0.78	2.5	1	8260B	5/17/2005	CJR	1
Chloromethane	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
2-Chlorotoluene	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
4-Chlorotoluene	< 0.24	ug/l	0.24	0.77	1	8260B	5/17/2005	CJR	1
1,2-Dibromo-3-chloropropane	< 4.1	ug/l	4.1	13	1	8260B	5/17/2005	CJR	1
Dibromochloromethane	< 0.74	ug/l	0.74	2.4	1	8260B	5/17/2005	CJR	1
1,4-Dichlorobenzene	< 0.69	ug/l	0.69	2.2	1	8260B	5/17/2005	CJR	1
1,3-Dichlorobenzene	< 0.64	ug/l	0.64	2	1	8260B	5/17/2005	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.7	1	8260B	5/17/2005	CJR	1
Dichlorodifluoromethane	< 0.2	ug/l	0.2	0.63	1	8260B	5/17/2005	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethane	< 0.91	ug/l	0.91	2.9	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethene	< 0.2	ug/l	0.2	0.64	1	8260B	5/17/2005	CJR	1
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.87	1	8260B	5/17/2005	CJR	1
trans-1,2-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
1,2-Dichloropropane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
2,2-Dichloropropane	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
1,3-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B	5/17/2005	CJR	1
EDB (1,2-Dibromoethane)	< 0.58	ug/l	0.58	1.9	1	8260B	5/17/2005	CJR	1
Ethylbenzene	< 0.3	ug/l	0.3	0.97	1	8260B	5/17/2005	CJR	1
Hexachlorobutadiene	< 1.6	ug/l	1.6	5.2	1	8260B	5/17/2005	CJR	1
Isopropylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
p-Isopropyltoluene	< 0.5	ug/l	0.5	1.6	1	8260B	5/17/2005	CJR	1
Methylene chloride	< 0.55	ug/l	0.55	1.8	1	8260B	5/17/2005	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.36	ug/l	0.36	1.2	1	8260B	5/17/2005	CJR	1
Naphthalene	2.52 "J"	ug/l	0.85	2.7	1	8260B	5/17/2005	CJR	1
n-Propylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	5/17/2005	CJR	1
1,1,1,2-Tetrachloroethane	< 0.49	ug/l	0.49	1.6	1	8260B	5/17/2005	CJR	1
Tetrachloroethene	< 0.45	ug/l	0.45	1.4	1	8260B	5/17/2005	CJR	1
Toluene	< 0.52	ug/l	0.52	1.6	1	8260B	5/17/2005	CJR	1
1,2,4-Trichlorobenzene	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
1,2,3-Trichlorobenzene	< 1.6	ug/l	1.6	5.1	1	8260B	5/17/2005	CJR	1
1,1,1-Trichloroethane	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
1,1,2-Trichloroethane	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Trichloroethene (TCE)	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Trichlorofluoromethane	< 0.48	ug/l	0.48	1.5	1	8260B	5/17/2005	CJR	1
1,2,4-Trimethylbenzene	< 0.32	ug/l	0.32	1	1	8260B	5/17/2005	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	8260B	5/17/2005	CJR	1
Vinyl Chloride	< 0.16	ug/l	0.16	0.52	1	8260B	5/17/2005	CJR	1
m&p-Xylene	< 0.79	ug/l	0.79	2.5	1	8260B	5/17/2005	CJR	1
o-Xylene	< 0.38	ug/l	0.38	1.2	1	8260B	5/17/2005	CJR	1

Lab Code 5011703B
Sample ID MW-2
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PAH SIM									
Acenaphthene	9.7	ug/l	1.6	5	100	M8270	5/13/2005	MJR	1
Acenaphthylene	4.4	ug/l	1.2	3.9	100	M8270	5/13/2005	MJR	1
Anthracene	18	ug/l	1.3	4	100	M8270	5/13/2005	MJR	1
Benzo(a)anthracene	80	ug/l	1.2	3.7	100	M8270	5/13/2005	MJR	1

Project Name COWA-NOWAK SITE **Invoice #** E11703
Project #

Lab Code 5011703B
Sample ID MW-2
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Benzo(a)pyrene	96	ug/l	0.8	2.6	100	M8270	5/13/2005	MJR	1
Benzo(b)fluoranthene	127	ug/l	0.9	2.9	100	M8270	5/13/2005	MJR	1
Benzo(g,h,i)perylene	50	ug/l	1	3.3	100	M8270	5/13/2005	MJR	1
Benzo(k)fluoranthene	46	ug/l	0.9	2.9	100	M8270	5/13/2005	MJR	1
Chrysene	86	ug/l	1.1	3.5	100	M8270	5/13/2005	MJR	1
Dibenzo(a,h)anthracene	9.2	ug/l	0.9	2.9	100	M8270	5/13/2005	MJR	1
Fluoranthene	219	ug/l	1.1	3.4	100	M8270	5/13/2005	MJR	1
Fluorene	5.8	ug/l	1.5	4.6	100	M8270	5/13/2005	MJR	1
Indeno(1,2,3-cd)pyrene	56	ug/l	1.5	4.7	100	M8270	5/13/2005	MJR	1
1-Methyl naphthalene	< 1.8	ug/l	1.8	5.8	100	M8270	5/13/2005	MJR	1
2-Methyl naphthalene	< 2.1	ug/l	2.1	6.7	100	M8270	5/13/2005	MJR	1
Naphthalene	< 2.8	ug/l	2.8	8.9	100	M8270	5/13/2005	MJR	1
Phenanthrene	40	ug/l	1.1	3.5	100	M8270	5/13/2005	MJR	1
Pyrene	164	ug/l	1	3.2	100	M8270	5/13/2005	MJR	1
VOC's									
Benzene	< 0.26	ug/l	0.26	0.83	1	8260B	5/17/2005	CJR	1
Bromobenzene	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Bromodichloromethane	< 0.28	ug/l	0.28	0.9	1	8260B	5/17/2005	CJR	1
Bromoform	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
tert-Butylbenzene	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
sec-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
n-Butylbenzene	< 0.61	ug/l	0.61	1.9	1	8260B	5/17/2005	CJR	1
Carbon Tetrachloride	< 0.25	ug/l	0.25	0.81	1	8260B	5/17/2005	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.82	1	8260B	5/17/2005	CJR	1
Chloroethane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Chloroform	< 0.78	ug/l	0.78	2.5	1	8260B	5/17/2005	CJR	1
Chloromethane	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
2-Chlorotoluene	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
4-Chlorotoluene	< 0.24	ug/l	0.24	0.77	1	8260B	5/17/2005	CJR	1
1,2-Dibromo-3-chloropropane	< 4.1	ug/l	4.1	13	1	8260B	5/17/2005	CJR	1
Dibromochloromethane	< 0.74	ug/l	0.74	2.4	1	8260B	5/17/2005	CJR	1
1,4-Dichlorobenzene	< 0.69	ug/l	0.69	2.2	1	8260B	5/17/2005	CJR	1
1,3-Dichlorobenzene	< 0.64	ug/l	0.64	2	1	8260B	5/17/2005	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.7	1	8260B	5/17/2005	CJR	1
Dichlorodifluoromethane	< 0.2	ug/l	0.2	0.63	1	8260B	5/17/2005	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethane	< 0.91	ug/l	0.91	2.9	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethene	< 0.2	ug/l	0.2	0.64	1	8260B	5/17/2005	CJR	1
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.87	1	8260B	5/17/2005	CJR	1
trans-1,2-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
1,2-Dichloropropane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
2,2-Dichloropropane	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
1,3-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B	5/17/2005	CJR	1
EDB (1,2-Dibromoethane)	< 0.58	ug/l	0.58	1.9	1	8260B	5/17/2005	CJR	1
Ethylbenzene	< 0.3	ug/l	0.3	0.97	1	8260B	5/17/2005	CJR	1
Hexachlorobutadiene	< 1.6	ug/l	1.6	5.2	1	8260B	5/17/2005	CJR	1
Isopropylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
p-Isopropyltoluene	< 0.5	ug/l	0.5	1.6	1	8260B	5/17/2005	CJR	1
Methylene chloride	< 0.55	ug/l	0.55	1.8	1	8260B	5/17/2005	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.36	ug/l	0.36	1.2	1	8260B	5/17/2005	CJR	1
Naphthalene	< 0.85	ug/l	0.85	2.7	1	8260B	5/17/2005	CJR	1
n-Propylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	5/17/2005	CJR	1
1,1,1,2-Tetrachloroethane	< 0.49	ug/l	0.49	1.6	1	8260B	5/17/2005	CJR	1
Tetrachloroethene	< 0.45	ug/l	0.45	1.4	1	8260B	5/17/2005	CJR	1

Project Name COWA-NOWAK SITE **Invoice #** E11703
Project #

Lab Code 5011703B
Sample ID MW-2
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Toluene	< 0.52	ug/l	0.52	1.6	1	8260B	5/17/2005	CJR	1
1,2,4-Trichlorobenzene	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
1,2,3-Trichlorobenzene	< 1.6	ug/l	1.6	5.1	1	8260B	5/17/2005	CJR	1
1,1,1-Trichloroethane	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
1,1,2-Trichloroethane	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Trichloroethene (TCE)	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Trichlorofluoromethane	< 0.48	ug/l	0.48	1.5	1	8260B	5/17/2005	CJR	1
1,2,4-Trimethylbenzene	< 0.32	ug/l	0.32	1	1	8260B	5/17/2005	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	8260B	5/17/2005	CJR	1
Vinyl Chloride	< 0.16	ug/l	0.16	0.52	1	8260B	5/17/2005	CJR	1
m&p-Xylene	< 0.79	ug/l	0.79	2.5	1	8260B	5/17/2005	CJR	1
o-Xylene	< 0.38	ug/l	0.38	1.2	1	8260B	5/17/2005	CJR	1

Lab Code 5011703C
Sample ID MW-3
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PAH SIM									
Acenaphthene	< 0.016	ug/l	0.016	0.05	1	M8270	5/13/2005	MJR	1
Acenaphthylene	< 0.012	ug/l	0.012	0.039	1	M8270	5/13/2005	MJR	1
Anthracene	< 0.013	ug/l	0.013	0.04	1	M8270	5/13/2005	MJR	1
Benzo(a)anthracene	0.023 "J"	ug/l	0.012	0.037	1	M8270	5/13/2005	MJR	1
Benzo(a)pyrene	0.017 "J"	ug/l	0.008	0.026	1	M8270	5/13/2005	MJR	1
Benzo(b)fluoranthene	0.027 "J"	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Benzo(g,h,i)perylene	0.023 "J"	ug/l	0.01	0.033	1	M8270	5/13/2005	MJR	1
Benzo(k)fluoranthene	0.026 "J"	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Chrysene	.017 "J"	ug/l	0.011	0.035	1	M8270	5/13/2005	MJR	1
Dibenzo(a,h)anthracene	< 0.009	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Fluoranthene	0.035	ug/l	0.011	0.034	1	M8270	5/13/2005	MJR	1
Fluorene	< 0.015	ug/l	0.015	0.046	1	M8270	5/13/2005	MJR	1
Indeno(1,2,3-cd)pyrene	< 0.015	ug/l	0.015	0.047	1	M8270	5/13/2005	MJR	1
1-Methyl naphthalene	< 0.018	ug/l	0.018	0.058	1	M8270	5/13/2005	MJR	1
2-Methyl naphthalene	< 0.021	ug/l	0.021	0.067	1	M8270	5/13/2005	MJR	1
Naphthalene	< 0.028	ug/l	0.028	0.089	1	M8270	5/13/2005	MJR	1
Phenanthrene	0.013 "J"	ug/l	0.011	0.035	1	M8270	5/13/2005	MJR	1
Pyrene	0.027 "J"	ug/l	0.01	0.032	1	M8270	5/13/2005	MJR	1
VOC's									
Benzene	< 0.26	ug/l	0.26	0.83	1	8260B	5/17/2005	CJR	1
Bromobenzene	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Bromodichloromethane	< 0.28	ug/l	0.28	0.9	1	8260B	5/17/2005	CJR	1
Bromoform	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
tert-Butylbenzene	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
sec-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
n-Butylbenzene	< 0.61	ug/l	0.61	1.9	1	8260B	5/17/2005	CJR	1
Carbon Tetrachloride	< 0.25	ug/l	0.25	0.81	1	8260B	5/17/2005	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.82	1	8260B	5/17/2005	CJR	1
Chloroethane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Chloroform	< 0.78	ug/l	0.78	2.5	1	8260B	5/17/2005	CJR	1
Chloromethane	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
2-Chlorotoluene	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
4-Chlorotoluene	< 0.24	ug/l	0.24	0.77	1	8260B	5/17/2005	CJR	1
1,2-Dibromo-3-chloropropane	< 4.1	ug/l	4.1	13	1	8260B	5/17/2005	CJR	1

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Project #

Lab Code 5011703C
Sample ID MW-3
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Dibromochloromethane	< 0.74	ug/l	0.74	2.4	1	8260B	5/17/2005	CJR	1
1,4-Dichlorobenzene	< 0.69	ug/l	0.69	2.2	1	8260B	5/17/2005	CJR	1
1,3-Dichlorobenzene	< 0.64	ug/l	0.64	2	1	8260B	5/17/2005	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.7	1	8260B	5/17/2005	CJR	1
Dichlorodifluoromethane	< 0.2	ug/l	0.2	0.63	1	8260B	5/17/2005	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethane	< 0.91	ug/l	0.91	2.9	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethene	< 0.2	ug/l	0.2	0.64	1	8260B	5/17/2005	CJR	1
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.87	1	8260B	5/17/2005	CJR	1
trans-1,2-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
1,2-Dichloropropane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
2,2-Dichloropropane	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
1,3-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B	5/17/2005	CJR	1
EDB (1,2-Dibromoethane)	< 0.58	ug/l	0.58	1.9	1	8260B	5/17/2005	CJR	1
Ethylbenzene	< 0.3	ug/l	0.3	0.97	1	8260B	5/17/2005	CJR	1
Hexachlorobutadiene	< 1.6	ug/l	1.6	5.2	1	8260B	5/17/2005	CJR	1
Isopropylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
p-Isopropyltoluene	< 0.5	ug/l	0.5	1.6	1	8260B	5/17/2005	CJR	1
Methylene chloride	< 0.55	ug/l	0.55	1.8	1	8260B	5/17/2005	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.36	ug/l	0.36	1.2	1	8260B	5/17/2005	CJR	1
Naphthalene	< 0.85	ug/l	0.85	2.7	1	8260B	5/17/2005	CJR	1
n-Propylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	5/17/2005	CJR	1
1,1,1,2-Tetrachloroethane	< 0.49	ug/l	0.49	1.6	1	8260B	5/17/2005	CJR	1
Tetrachloroethene	< 0.45	ug/l	0.45	1.4	1	8260B	5/17/2005	CJR	1
Toluene	< 0.52	ug/l	0.52	1.6	1	8260B	5/17/2005	CJR	1
1,2,4-Trichlorobenzene	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
1,2,3-Trichlorobenzene	< 1.6	ug/l	1.6	5.1	1	8260B	5/17/2005	CJR	1
1,1,1-Trichloroethane	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
1,1,2-Trichloroethane	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Trichloroethene (TCE)	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Trichlorofluoromethane	< 0.48	ug/l	0.48	1.5	1	8260B	5/17/2005	CJR	1
1,2,4-Trimethylbenzene	< 0.32	ug/l	0.32	1	1	8260B	5/17/2005	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	8260B	5/17/2005	CJR	1
Vinyl Chloride	< 0.16	ug/l	0.16	0.52	1	8260B	5/17/2005	CJR	1
m&p-Xylene	< 0.79	ug/l	0.79	2.5	1	8260B	5/17/2005	CJR	1
o-Xylene	< 0.38	ug/l	0.38	1.2	1	8260B	5/17/2005	CJR	1

Lab Code 5011703D
Sample ID MW-4
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Inorganic Metals									
Cadmium, dissolved	0.9 "J"	ug/l	0.7	2	1	EPA 6010B	5/18/2005	ESC	1
Chromium, Dissolved	10	ug/l	3.1	10	1	EPA 6010B	5/18/2005	ESC	1
Mercury, dissolved	0.2 "J"	ug/l	0.066	0.2	1	7470A	5/19/2005	ESC	1
Selenium, dissolved	21	ug/l	7.2	20	1	EPA 6010B	5/18/2005	ESC	1
Silver, dissolved	< 3	ug/l	3	10	1	EPA 6010B	5/18/2005	ESC	1
Barium, Dissolved	250	ug/l	1.6	5	1	EPA 6010B	5/18/2005	ESC	1
Arsenic, Dissolved	< 7.4	ug/l	7.4	20	1	EPA 6010B	5/18/2005	ESC	1
Lead, Dissolved	< 4.115	ug/l	4.1	12	1	EPA 6010B	5/18/2005	ESC	1

Project Name COWA-NOWAK SITE **Invoice #** E11703
Project #

Lab Code 5011703D
Sample ID MW-4
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PAH SIM									
Acenaphthene	0.52	ug/l	0.016	0.05	1	M8270	5/13/2005	MJR	1
Acenaphthylene	0.036 "J"	ug/l	0.012	0.039	1	M8270	5/13/2005	MJR	1
Anthracene	0.15	ug/l	0.013	0.04	1	M8270	5/13/2005	MJR	1
Benzo(a)anthracene	0.023 "J"	ug/l	0.012	0.037	1	M8270	5/13/2005	MJR	1
Benzo(a)pyrene	< 0.008	ug/l	0.008	0.026	1	M8270	5/13/2005	MJR	1
Benzo(b)fluoranthene	0.013 "J"	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Benzo(g,h,i)perylene	< 0.01	ug/l	0.01	0.033	1	M8270	5/13/2005	MJR	1
Benzo(k)fluoranthene	< 0.009	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Chrysene	0.015 "J"	ug/l	0.011	0.035	1	M8270	5/13/2005	MJR	1
Dibenzo(a,h)anthracene	< 0.009	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Fluoranthene	0.18	ug/l	0.011	0.034	1	M8270	5/13/2005	MJR	1
Fluorene	0.36	ug/l	0.015	0.046	1	M8270	5/13/2005	MJR	1
Indeno(1,2,3-cd)pyrene	< 0.015	ug/l	0.015	0.047	1	M8270	5/13/2005	MJR	1
1-Methyl naphthalene	0.31	ug/l	0.018	0.058	1	M8270	5/13/2005	MJR	1
2-Methyl naphthalene	0.32	ug/l	0.021	0.067	1	M8270	5/13/2005	MJR	1
Naphthalene	2.0	ug/l	0.028	0.089	1	M8270	5/13/2005	MJR	1
Phenanthrene	0.67	ug/l	0.011	0.035	1	M8270	5/13/2005	MJR	1
Pyrene	0.11	ug/l	0.01	0.032	1	M8270	5/13/2005	MJR	1
VOC's									
Benzene	0.79 "J"	ug/l	0.26	0.83	1	8260B	5/17/2005	CJR	1
Bromobenzene	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Bromodichloromethane	< 0.28	ug/l	0.28	0.9	1	8260B	5/17/2005	CJR	1
Bromoform	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
tert-Butylbenzene	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
sec-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
n-Butylbenzene	< 0.61	ug/l	0.61	1.9	1	8260B	5/17/2005	CJR	1
Carbon Tetrachloride	< 0.25	ug/l	0.25	0.81	1	8260B	5/17/2005	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.82	1	8260B	5/17/2005	CJR	1
Chloroethane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Chloroform	< 0.78	ug/l	0.78	2.5	1	8260B	5/17/2005	CJR	1
Chloromethane	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
2-Chlorotoluene	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
4-Chlorotoluene	< 0.24	ug/l	0.24	0.77	1	8260B	5/17/2005	CJR	1
1,2-Dibromo-3-chloropropane	< 4.1	ug/l	4.1	13	1	8260B	5/17/2005	CJR	1
Dibromochloromethane	< 0.74	ug/l	0.74	2.4	1	8260B	5/17/2005	CJR	1
1,4-Dichlorobenzene	< 0.69	ug/l	0.69	2.2	1	8260B	5/17/2005	CJR	1
1,3-Dichlorobenzene	< 0.64	ug/l	0.64	2	1	8260B	5/17/2005	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.7	1	8260B	5/17/2005	CJR	1
Dichlorodifluoromethane	< 0.2	ug/l	0.2	0.63	1	8260B	5/17/2005	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethane	< 0.91	ug/l	0.91	2.9	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethene	< 0.2	ug/l	0.2	0.64	1	8260B	5/17/2005	CJR	1
cis-1,2-Dichloroethene	0.39 "J"	ug/l	0.27	0.87	1	8260B	5/17/2005	CJR	1
trans-1,2-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
1,2-Dichloropropane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
2,2-Dichloropropane	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
1,3-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B	5/17/2005	CJR	1
EDB (1,2-Dibromoethane)	< 0.58	ug/l	0.58	1.9	1	8260B	5/17/2005	CJR	1
Ethylbenzene	< 0.3	ug/l	0.3	0.97	1	8260B	5/17/2005	CJR	1
Hexachlorobutadiene	< 1.6	ug/l	1.6	5.2	1	8260B	5/17/2005	CJR	1
Isopropylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
p-Isopropyltoluene	< 0.5	ug/l	0.5	1.6	1	8260B	5/17/2005	CJR	1

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Lab Code 5011703D
Sample ID MW-4
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Methylene chloride	< 0.55	ug/l	0.55	1.8	1	8260B	5/17/2005	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.36	ug/l	0.36	1.2	1	8260B	5/17/2005	CJR	1
Naphthalene	4.1	ug/l	0.85	2.7	1	8260B	5/17/2005	CJR	1
n-Propylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	5/17/2005	CJR	1
1,1,1,2-Tetrachloroethane	< 0.49	ug/l	0.49	1.6	1	8260B	5/17/2005	CJR	1
Tetrachloroethene	< 0.45	ug/l	0.45	1.4	1	8260B	5/17/2005	CJR	1
Toluene	1.16 "J"	ug/l	0.52	1.6	1	8260B	5/17/2005	CJR	1
1,2,4-Trichlorobenzene	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
1,2,3-Trichlorobenzene	< 1.6	ug/l	1.6	5.1	1	8260B	5/17/2005	CJR	1
1,1,1-Trichloroethane	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
1,1,2-Trichloroethane	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Trichloroethene (TCE)	0.53 "J"	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Trichlorofluoromethane	< 0.48	ug/l	0.48	1.5	1	8260B	5/17/2005	CJR	1
1,2,4-Trimethylbenzene	0.39 "J"	ug/l	0.32	1	1	8260B	5/17/2005	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	8260B	5/17/2005	CJR	1
Vinyl Chloride	< 0.16	ug/l	0.16	0.52	1	8260B	5/17/2005	CJR	1
m&p-Xylene	< 0.79	ug/l	0.79	2.5	1	8260B	5/17/2005	CJR	1
o-Xylene	0.51 "J"	ug/l	0.38	1.2	1	8260B	5/17/2005	CJR	1

Lab Code 5011703E
Sample ID MW-5
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PAH SIM									
Acenaphthene	1.7	ug/l	0.016	0.05	1	M8270	5/13/2005	MJR	1
Acenaphthylene	0.28	ug/l	0.012	0.039	1	M8270	5/13/2005	MJR	1
Anthracene	0.43	ug/l	0.013	0.04	1	M8270	5/13/2005	MJR	1
Benzo(a)anthracene	0.027 "J"	ug/l	0.012	0.037	1	M8270	5/13/2005	MJR	1
Benzo(a)pyrene	< 0.008	ug/l	0.008	0.026	1	M8270	5/13/2005	MJR	1
Benzo(b)fluoranthene	0.013 "J"	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Benzo(g,h,i)perylene	< 0.01	ug/l	0.01	0.033	1	M8270	5/13/2005	MJR	1
Benzo(k)fluoranthene	< 0.009	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Chrysene	0.017 "J"	ug/l	0.011	0.035	1	M8270	5/13/2005	MJR	1
Dibenzo(a,h)anthracene	< 0.009	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Fluoranthene	0.34	ug/l	0.011	0.034	1	M8270	5/13/2005	MJR	1
Fluorene	1.7	ug/l	0.015	0.046	1	M8270	5/13/2005	MJR	1
Indeno(1,2,3-cd)pyrene	< 0.015	ug/l	0.015	0.047	1	M8270	5/13/2005	MJR	1
1-Methyl naphthalene	2.1	ug/l	0.018	0.058	1	M8270	5/13/2005	MJR	1
2-Methyl naphthalene	2.1	ug/l	0.021	0.067	1	M8270	5/13/2005	MJR	1
Naphthalene	28	ug/l	0.28	0.89	10	M8270	5/15/2005	MJR	1
Phenanthrene	2.2	ug/l	0.011	0.035	1	M8270	5/13/2005	MJR	1
Pyrene	0.20	ug/l	0.01	0.032	1	M8270	5/13/2005	MJR	1
VOC's									
Benzene	1.6	ug/l	0.26	0.83	1	8260B	5/17/2005	CJR	1
Bromobenzene	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Bromodichloromethane	< 0.28	ug/l	0.28	0.9	1	8260B	5/17/2005	CJR	1
Bromoform	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
tert-Butylbenzene	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
sec-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
n-Butylbenzene	< 0.61	ug/l	0.61	1.9	1	8260B	5/17/2005	CJR	1
Carbon Tetrachloride	< 0.25	ug/l	0.25	0.81	1	8260B	5/17/2005	CJR	1

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Sample ID MW-5
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	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Chlorobenzene	< 0.26	ug/l	0.26	0.82	1	8260B	5/17/2005	CJR	1
Chloroethane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Chloroform	< 0.78	ug/l	0.78	2.5	1	8260B	5/17/2005	CJR	1
Chloromethane	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
2-Chlorotoluene	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
4-Chlorotoluene	< 0.24	ug/l	0.24	0.77	1	8260B	5/17/2005	CJR	1
1,2-Dibromo-3-chloropropane	< 4.1	ug/l	4.1	13	1	8260B	5/17/2005	CJR	1
Dibromochloromethane	< 0.74	ug/l	0.74	2.4	1	8260B	5/17/2005	CJR	1
1,4-Dichlorobenzene	< 0.69	ug/l	0.69	2.2	1	8260B	5/17/2005	CJR	1
1,3-Dichlorobenzene	< 0.64	ug/l	0.64	2	1	8260B	5/17/2005	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.7	1	8260B	5/17/2005	CJR	1
Dichlorodifluoromethane	< 0.2	ug/l	0.2	0.63	1	8260B	5/17/2005	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethane	< 0.91	ug/l	0.91	2.9	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethene	< 0.2	ug/l	0.2	0.64	1	8260B	5/17/2005	CJR	1
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.87	1	8260B	5/17/2005	CJR	1
trans-1,2-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
1,2-Dichloropropane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
2,2-Dichloropropane	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
1,3-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B	5/17/2005	CJR	1
EDB (1,2-Dibromoethane)	< 0.58	ug/l	0.58	1.9	1	8260B	5/17/2005	CJR	1
Ethylbenzene	0.31 "J"	ug/l	0.3	0.97	1	8260B	5/17/2005	CJR	1
Hexachlorobutadiene	< 1.6	ug/l	1.6	5.2	1	8260B	5/17/2005	CJR	1
Isopropylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
p-Isopropyltoluene	< 0.5	ug/l	0.5	1.6	1	8260B	5/17/2005	CJR	1
Methylene chloride	< 0.55	ug/l	0.55	1.8	1	8260B	5/17/2005	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.36	ug/l	0.36	1.2	1	8260B	5/17/2005	CJR	1
Naphthalene	34	ug/l	0.85	2.7	1	8260B	5/17/2005	CJR	1
n-Propylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	5/17/2005	CJR	1
1,1,1,2-Tetrachloroethane	< 0.49	ug/l	0.49	1.6	1	8260B	5/17/2005	CJR	1
Tetrachloroethene	< 0.45	ug/l	0.45	1.4	1	8260B	5/17/2005	CJR	1
Toluene	1.24 "J"	ug/l	0.52	1.6	1	8260B	5/17/2005	CJR	1
1,2,4-Trichlorobenzene	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
1,2,3-Trichlorobenzene	< 1.6	ug/l	1.6	5.1	1	8260B	5/17/2005	CJR	1
1,1,1-Trichloroethane	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
1,1,2-Trichloroethane	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Trichloroethene (TCE)	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Trichlorofluoromethane	< 0.48	ug/l	0.48	1.5	1	8260B	5/17/2005	CJR	1
1,2,4-Trimethylbenzene	0.65 "J"	ug/l	0.32	1	1	8260B	5/17/2005	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	8260B	5/17/2005	CJR	1
Vinyl Chloride	< 0.16	ug/l	0.16	0.52	1	8260B	5/17/2005	CJR	1
m&p-Xylene	< 0.79	ug/l	0.79	2.5	1	8260B	5/17/2005	CJR	1
o-Xylene	0.77 "J"	ug/l	0.38	1.2	1	8260B	5/17/2005	CJR	1

Lab Code 5011703F
Sample ID MW-6
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PAH SIM									
Acenaphthene	2.0	ug/l	0.016	0.05	1	M8270	5/13/2005	MJR	1
Acenaphthylene	0.18	ug/l	0.012	0.039	1	M8270	5/13/2005	MJR	1

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	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Anthracene	0.88	ug/l	0.013	0.04	1	M8270	5/13/2005	MJR	1
Benzo(a)anthracene	0.58	ug/l	0.012	0.037	1	M8270	5/13/2005	MJR	1
Benzo(a)pyrene	0.47	ug/l	0.008	0.026	1	M8270	5/13/2005	MJR	1
Benzo(b)fluoranthene	0.67	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Benzo(g,h,i)perylene	0.26	ug/l	0.01	0.033	1	M8270	5/13/2005	MJR	1
Benzo(k)fluoranthene	0.25	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Chrysene	0.61	ug/l	0.011	0.035	1	M8270	5/13/2005	MJR	1
Dibenzo(a,h)anthracene	0.053	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Fluoranthene	2.1	ug/l	0.011	0.034	1	M8270	5/13/2005	MJR	1
Fluorene	2.0	ug/l	0.015	0.046	1	M8270	5/13/2005	MJR	1
Indeno(1,2,3-cd)pyrene	0.28	ug/l	0.015	0.047	1	M8270	5/13/2005	MJR	1
1-Methyl naphthalene	0.98	ug/l	0.018	0.058	1	M8270	5/13/2005	MJR	1
2-Methyl naphthalene	1.0	ug/l	0.021	0.067	1	M8270	5/13/2005	MJR	1
Naphthalene	8.2	ug/l	0.14	0.45	5	M8270	5/15/2005	MJR	1
Phenanthrene	3.3	ug/l	0.011	0.035	1	M8270	5/13/2005	MJR	1
Pyrene	1.4	ug/l	0.01	0.032	1	M8270	5/13/2005	MJR	1
VOC's									
Benzene	1.4	ug/l	0.26	0.83	1	8260B	5/17/2005	CJR	1
Bromobenzene	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Bromodichloromethane	< 0.28	ug/l	0.28	0.9	1	8260B	5/17/2005	CJR	1
Bromoform	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
tert-Butylbenzene	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
sec-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
n-Butylbenzene	< 0.61	ug/l	0.61	1.9	1	8260B	5/17/2005	CJR	1
Carbon Tetrachloride	< 0.25	ug/l	0.25	0.81	1	8260B	5/17/2005	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.82	1	8260B	5/17/2005	CJR	1
Chloroethane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Chloroform	< 0.78	ug/l	0.78	2.5	1	8260B	5/17/2005	CJR	1
Chloromethane	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
2-Chlorotoluene	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
4-Chlorotoluene	< 0.24	ug/l	0.24	0.77	1	8260B	5/17/2005	CJR	1
1,2-Dibromo-3-chloropropane	< 4.1	ug/l	4.1	13	1	8260B	5/17/2005	CJR	1
Dibromochloromethane	< 0.74	ug/l	0.74	2.4	1	8260B	5/17/2005	CJR	1
1,4-Dichlorobenzene	< 0.69	ug/l	0.69	2.2	1	8260B	5/17/2005	CJR	1
1,3-Dichlorobenzene	< 0.64	ug/l	0.64	2	1	8260B	5/17/2005	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.7	1	8260B	5/17/2005	CJR	1
Dichlorodifluoromethane	< 0.2	ug/l	0.2	0.63	1	8260B	5/17/2005	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethane	< 0.91	ug/l	0.91	2.9	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethene	< 0.2	ug/l	0.2	0.64	1	8260B	5/17/2005	CJR	1
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.87	1	8260B	5/17/2005	CJR	1
trans-1,2-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
1,2-Dichloropropane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
2,2-Dichloropropane	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
1,3-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B	5/17/2005	CJR	1
EDB (1,2-Dibromoethane)	< 0.58	ug/l	0.58	1.9	1	8260B	5/17/2005	CJR	1
Ethylbenzene	0.97	ug/l	0.3	0.97	1	8260B	5/17/2005	CJR	1
Hexachlorobutadiene	< 1.6	ug/l	1.6	5.2	1	8260B	5/17/2005	CJR	1
Isopropylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
p-Isopropyltoluene	< 0.5	ug/l	0.5	1.6	1	8260B	5/17/2005	CJR	1
Methylene chloride	< 0.55	ug/l	0.55	1.8	1	8260B	5/17/2005	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.36	ug/l	0.36	1.2	1	8260B	5/17/2005	CJR	1
Naphthalene	19	ug/l	0.85	2.7	1	8260B	5/17/2005	CJR	1
n-Propylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	5/17/2005	CJR	1

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Sample ID MW-6
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
1,1,1,2-Tetrachloroethane	< 0.49	ug/l	0.49	1.6	1	8260B	5/17/2005	CJR	1
Tetrachloroethene	< 0.45	ug/l	0.45	1.4	1	8260B	5/17/2005	CJR	1
Toluene	1.6	ug/l	0.52	1.6	1	8260B	5/17/2005	CJR	1
1,2,4-Trichlorobenzene	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
1,2,3-Trichlorobenzene	< 1.6	ug/l	1.6	5.1	1	8260B	5/17/2005	CJR	1
1,1,1-Trichloroethane	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
1,1,2-Trichloroethane	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Trichloroethene (TCE)	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Trichlorofluoromethane	< 0.48	ug/l	0.48	1.5	1	8260B	5/17/2005	CJR	1
1,2,4-Trimethylbenzene	0.73 "J"	ug/l	0.32	1	1	8260B	5/17/2005	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	8260B	5/17/2005	CJR	1
Vinyl Chloride	< 0.16	ug/l	0.16	0.52	1	8260B	5/17/2005	CJR	1
m&p-Xylene	3.9	ug/l	0.79	2.5	1	8260B	5/17/2005	CJR	1
o-Xylene	2.3	ug/l	0.38	1.2	1	8260B	5/17/2005	CJR	1

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Sample ID MW-7
Sample Matrix Water
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	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PAH SIM									
Acenaphthene	< 0.016	ug/l	0.016	0.05	1	M8270	5/13/2005	MJR	1
Acenaphthylene	< 0.012	ug/l	0.012	0.039	1	M8270	5/13/2005	MJR	1
Anthracene	< 0.013	ug/l	0.013	0.04	1	M8270	5/13/2005	MJR	1
Benzo(a)anthracene	0.018 "J"	ug/l	0.012	0.037	1	M8270	5/13/2005	MJR	1
Benzo(a)pyrene	0.010 "J"	ug/l	0.008	0.026	1	M8270	5/13/2005	MJR	1
Benzo(b)fluoranthene	0.016 "J"	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Benzo(g,h,i)perylene	< 0.01	ug/l	0.01	0.033	1	M8270	5/13/2005	MJR	1
Benzo(k)fluoranthene	< 0.009	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Chrysene	0.013 "J"	ug/l	0.011	0.035	1	M8270	5/13/2005	MJR	1
Dibenzo(a,h)anthracene	< 0.009	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Fluoranthene	0.029 "J"	ug/l	0.011	0.034	1	M8270	5/13/2005	MJR	1
Fluorene	< 0.015	ug/l	0.015	0.046	1	M8270	5/13/2005	MJR	1
Indeno(1,2,3-cd)pyrene	< 0.015	ug/l	0.015	0.047	1	M8270	5/13/2005	MJR	1
1-Methyl naphthalene	< 0.018	ug/l	0.018	0.058	1	M8270	5/13/2005	MJR	1
2-Methyl naphthalene	< 0.021	ug/l	0.021	0.067	1	M8270	5/13/2005	MJR	1
Naphthalene	< 0.028	ug/l	0.028	0.089	1	M8270	5/13/2005	MJR	1
Phenanthrene	0.017 "J"	ug/l	0.011	0.035	1	M8270	5/13/2005	MJR	1
Pyrene	0.023 "J"	ug/l	0.01	0.032	1	M8270	5/13/2005	MJR	1
VOC's									
Benzene	< 0.26	ug/l	0.26	0.83	1	8260B	5/17/2005	CJR	1
Bromobenzene	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Bromodichloromethane	< 0.28	ug/l	0.28	0.9	1	8260B	5/17/2005	CJR	1
Bromoform	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
tert-Butylbenzene	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
sec-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
n-Butylbenzene	< 0.61	ug/l	0.61	1.9	1	8260B	5/17/2005	CJR	1
Carbon Tetrachloride	< 0.25	ug/l	0.25	0.81	1	8260B	5/17/2005	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.82	1	8260B	5/17/2005	CJR	1
Chloroethane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Chloroform	< 0.78	ug/l	0.78	2.5	1	8260B	5/17/2005	CJR	1
Chloromethane	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
2-Chlorotoluene	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1

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	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
4-Chlorotoluene	< 0.24	ug/l	0.24	0.77	1	8260B	5/17/2005	CJR	1
1,2-Dibromo-3-chloropropane	< 4.1	ug/l	4.1	13	1	8260B	5/17/2005	CJR	1
Dibromochloromethane	< 0.74	ug/l	0.74	2.4	1	8260B	5/17/2005	CJR	1
1,4-Dichlorobenzene	< 0.69	ug/l	0.69	2.2	1	8260B	5/17/2005	CJR	1
1,3-Dichlorobenzene	< 0.64	ug/l	0.64	2	1	8260B	5/17/2005	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.7	1	8260B	5/17/2005	CJR	1
Dichlorodifluoromethane	< 0.2	ug/l	0.2	0.63	1	8260B	5/17/2005	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethane	< 0.91	ug/l	0.91	2.9	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethene	< 0.2	ug/l	0.2	0.64	1	8260B	5/17/2005	CJR	1
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.87	1	8260B	5/17/2005	CJR	1
trans-1,2-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
1,2-Dichloropropane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
2,2-Dichloropropane	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
1,3-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B	5/17/2005	CJR	1
EDB (1,2-Dibromoethane)	< 0.58	ug/l	0.58	1.9	1	8260B	5/17/2005	CJR	1
Ethylbenzene	< 0.3	ug/l	0.3	0.97	1	8260B	5/17/2005	CJR	1
Hexachlorobutadiene	< 1.6	ug/l	1.6	5.2	1	8260B	5/17/2005	CJR	1
Isopropylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
p-Isopropyltoluene	< 0.5	ug/l	0.5	1.6	1	8260B	5/17/2005	CJR	1
Methylene chloride	< 0.55	ug/l	0.55	1.8	1	8260B	5/17/2005	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.36	ug/l	0.36	1.2	1	8260B	5/17/2005	CJR	1
Naphthalene	< 0.85	ug/l	0.85	2.7	1	8260B	5/17/2005	CJR	1
n-Propylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	5/17/2005	CJR	1
1,1,1,2-Tetrachloroethane	< 0.49	ug/l	0.49	1.6	1	8260B	5/17/2005	CJR	1
Tetrachloroethene	< 0.45	ug/l	0.45	1.4	1	8260B	5/17/2005	CJR	1
Toluene	< 0.52	ug/l	0.52	1.6	1	8260B	5/17/2005	CJR	1
1,2,4-Trichlorobenzene	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
1,2,3-Trichlorobenzene	< 1.6	ug/l	1.6	5.1	1	8260B	5/17/2005	CJR	1
1,1,1-Trichloroethane	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
1,1,2-Trichloroethane	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Trichloroethene (TCE)	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Trichlorofluoromethane	< 0.48	ug/l	0.48	1.5	1	8260B	5/17/2005	CJR	1
1,2,4-Trimethylbenzene	< 0.32	ug/l	0.32	1	1	8260B	5/17/2005	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	8260B	5/17/2005	CJR	1
Vinyl Chloride	< 0.16	ug/l	0.16	0.52	1	8260B	5/17/2005	CJR	1
m&p-Xylene	< 0.79	ug/l	0.79	2.5	1	8260B	5/17/2005	CJR	1
o-Xylene	< 0.38	ug/l	0.38	1.2	1	8260B	5/17/2005	CJR	1

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Sample ID MW-8
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Inorganic									
Metals									
Cadmium, dissolved	< 0.7	ug/l	0.7	2	1	EPA 6010B	5/18/2005	ESC	1
Chromium, Dissolved	3.3 "J"	ug/l	3.1	10	1	EPA 6010B	5/18/2005	ESC	1
Mercury, dissolved	< 0.066	ug/l	0.066	0.2	1	7470A	5/19/2005	ESC	1
Selenium, dissolved	< 7.2	ug/l	7.2	20	1	EPA 6010B	5/18/2005	ESC	1
Silver, dissolved	< 3	ug/l	3	10	1	EPA 6010B	5/18/2005	ESC	1
Barium, Dissolved	96	ug/l	1.6	5	1	EPA 6010B	5/18/2005	ESC	1
Arsenic, Dissolved	< 7.4	ug/l	7.4	20	1	EPA 6010B	5/18/2005	ESC	1

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	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Lead, Dissolved	4.4 "J"	ug/l	4.1	12	1	EPA 6010B	5/18/2005	ESC	1
Organic									
PAH SIM									
Acenaphthene	< 0.016	ug/l	0.016	0.05	1	M8270	5/13/2005	MJR	1
Acenaphthylene	0.014 "J"	ug/l	0.012	0.039	1	M8270	5/13/2005	MJR	1
Anthracene	0.014 "J"	ug/l	0.013	0.04	1	M8270	5/13/2005	MJR	1
Benzo(a)anthracene	0.041	ug/l	0.012	0.037	1	M8270	5/13/2005	MJR	1
Benzo(a)pyrene	0.037	ug/l	0.008	0.026	1	M8270	5/13/2005	MJR	1
Benzo(b)fluoranthene	0.064	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Benzo(g,h,i)perylene	0.045	ug/l	0.01	0.033	1	M8270	5/13/2005	MJR	1
Benzo(k)fluoranthene	0.023 "J"	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Chrysene	0.054	ug/l	0.011	0.035	1	M8270	5/13/2005	MJR	1
Dibenzo(a,h)anthracene	< 0.009	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Fluoranthene	0.11	ug/l	0.011	0.034	1	M8270	5/13/2005	MJR	1
Fluorene	< 0.015	ug/l	0.015	0.046	1	M8270	5/13/2005	MJR	1
Indeno(1,2,3-cd)pyrene	0.025 "J"	ug/l	0.015	0.047	1	M8270	5/13/2005	MJR	1
1-Methyl naphthalene	< 0.018	ug/l	0.018	0.058	1	M8270	5/13/2005	MJR	1
2-Methyl naphthalene	< 0.021	ug/l	0.021	0.067	1	M8270	5/13/2005	MJR	1
Naphthalene	0.030 "J"	ug/l	0.028	0.089	1	M8270	5/13/2005	MJR	1
Phenanthrene	0.038	ug/l	0.011	0.035	1	M8270	5/13/2005	MJR	1
Pyrene	0.10	ug/l	0.01	0.032	1	M8270	5/13/2005	MJR	1
VOC's									
Benzene	< 0.26	ug/l	0.26	0.83	1	8260B	5/17/2005	CJR	1
Bromobenzene	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Bromodichloromethane	< 0.28	ug/l	0.28	0.9	1	8260B	5/17/2005	CJR	1
Bromoform	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
tert-Butylbenzene	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
sec-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
n-Butylbenzene	< 0.61	ug/l	0.61	1.9	1	8260B	5/17/2005	CJR	1
Carbon Tetrachloride	< 0.25	ug/l	0.25	0.81	1	8260B	5/17/2005	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.82	1	8260B	5/17/2005	CJR	1
Chloroethane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Chloroform	< 0.78	ug/l	0.78	2.5	1	8260B	5/17/2005	CJR	1
Chloromethane	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
2-Chlorotoluene	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
4-Chlorotoluene	< 0.24	ug/l	0.24	0.77	1	8260B	5/17/2005	CJR	1
1,2-Dibromo-3-chloropropane	< 4.1	ug/l	4.1	13	1	8260B	5/17/2005	CJR	1
Dibromochloromethane	< 0.74	ug/l	0.74	2.4	1	8260B	5/17/2005	CJR	1
1,4-Dichlorobenzene	< 0.69	ug/l	0.69	2.2	1	8260B	5/17/2005	CJR	1
1,3-Dichlorobenzene	< 0.64	ug/l	0.64	2	1	8260B	5/17/2005	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.7	1	8260B	5/17/2005	CJR	1
Dichlorodifluoromethane	< 0.2	ug/l	0.2	0.63	1	8260B	5/17/2005	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethane	< 0.91	ug/l	0.91	2.9	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethene	< 0.2	ug/l	0.2	0.64	1	8260B	5/17/2005	CJR	1
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.87	1	8260B	5/17/2005	CJR	1
trans-1,2-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
1,2-Dichloropropane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
2,2-Dichloropropane	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
1,3-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B	5/17/2005	CJR	1
EDB (1,2-Dibromoethane)	< 0.58	ug/l	0.58	1.9	1	8260B	5/17/2005	CJR	1
Ethylbenzene	< 0.3	ug/l	0.3	0.97	1	8260B	5/17/2005	CJR	1
Hexachlorobutadiene	< 1.6	ug/l	1.6	5.2	1	8260B	5/17/2005	CJR	1
Isopropylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1

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Sample ID MW-8
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
p-Isopropyltoluene	< 0.5	ug/l	0.5	1.6	1	8260B	5/17/2005	CJR	1
Methylene chloride	< 0.55	ug/l	0.55	1.8	1	8260B	5/17/2005	CJR	1
Methyl tert-butyl ether (MTBE)	0.4 "J"	ug/l	0.36	1.2	1	8260B	5/17/2005	CJR	1
Naphthalene	< 0.85	ug/l	0.85	2.7	1	8260B	5/17/2005	CJR	1
n-Propylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	5/17/2005	CJR	1
1,1,1,2-Tetrachloroethane	< 0.49	ug/l	0.49	1.6	1	8260B	5/17/2005	CJR	1
Tetrachloroethene	< 0.45	ug/l	0.45	1.4	1	8260B	5/17/2005	CJR	1
Toluene	< 0.52	ug/l	0.52	1.6	1	8260B	5/17/2005	CJR	1
1,2,4-Trichlorobenzene	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
1,2,3-Trichlorobenzene	< 1.6	ug/l	1.6	5.1	1	8260B	5/17/2005	CJR	1
1,1,1-Trichloroethane	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
1,1,2-Trichloroethane	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Trichloroethene (TCE)	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Trichlorofluoromethane	< 0.48	ug/l	0.48	1.5	1	8260B	5/17/2005	CJR	1
1,2,4-Trimethylbenzene	< 0.32	ug/l	0.32	1	1	8260B	5/17/2005	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	8260B	5/17/2005	CJR	1
Vinyl Chloride	< 0.16	ug/l	0.16	0.52	1	8260B	5/17/2005	CJR	1
m&p-Xylene	< 0.79	ug/l	0.79	2.5	1	8260B	5/17/2005	CJR	1
o-Xylene	< 0.38	ug/l	0.38	1.2	1	8260B	5/17/2005	CJR	1

Lab Code 5011703I
Sample ID MW-9
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PAH SIM									
Acenaphthene	< 0.016	ug/l	0.016	0.05	1	M8270	5/13/2005	MJR	1
Acenaphthylene	0.019 "J"	ug/l	0.012	0.039	1	M8270	5/13/2005	MJR	1
Anthracene	0.029 "J"	ug/l	0.013	0.04	1	M8270	5/13/2005	MJR	1
Benzo(a)anthracene	0.091	ug/l	0.012	0.037	1	M8270	5/13/2005	MJR	1
Benzo(a)pyrene	0.11	ug/l	0.008	0.026	1	M8270	5/13/2005	MJR	1
Benzo(b)fluoranthene	0.18	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Benzo(g,h,i)perylene	0.11	ug/l	0.01	0.033	1	M8270	5/13/2005	MJR	1
Benzo(k)fluoranthene	0.072	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Chrysene	0.11	ug/l	0.011	0.035	1	M8270	5/13/2005	MJR	1
Dibenzo(a,h)anthracene	0.013 "J"	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Fluoranthene	0.19	ug/l	0.011	0.034	1	M8270	5/13/2005	MJR	1
Fluorene	< 0.015	ug/l	0.015	0.046	1	M8270	5/13/2005	MJR	1
Indeno(1,2,3-cd)pyrene	0.083	ug/l	0.015	0.047	1	M8270	5/13/2005	MJR	1
1-Methyl naphthalene	< 0.018	ug/l	0.018	0.058	1	M8270	5/13/2005	MJR	1
2-Methyl naphthalene	< 0.021	ug/l	0.021	0.067	1	M8270	5/13/2005	MJR	1
Naphthalene	< 0.028	ug/l	0.028	0.089	1	M8270	5/13/2005	MJR	1
Phenanthrene	0.055	ug/l	0.011	0.035	1	M8270	5/13/2005	MJR	1
Pyrene	0.16	ug/l	0.01	0.032	1	M8270	5/13/2005	MJR	1
VOC's									
Benzene	< 0.26	ug/l	0.26	0.83	1	8260B	5/17/2005	CJR	1
Bromobenzene	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Bromodichloromethane	< 0.28	ug/l	0.28	0.9	1	8260B	5/17/2005	CJR	1
Bromoform	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
tert-Butylbenzene	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
sec-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
n-Butylbenzene	< 0.61	ug/l	0.61	1.9	1	8260B	5/17/2005	CJR	1

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Lab Code 5011703I
Sample ID MW-9
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Carbon Tetrachloride	< 0.25	ug/l	0.25	0.81	1	8260B	5/17/2005	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.82	1	8260B	5/17/2005	CJR	1
Chloroethane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Chloroform	< 0.78	ug/l	0.78	2.5	1	8260B	5/17/2005	CJR	1
Chloromethane	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
2-Chlorotoluene	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
4-Chlorotoluene	< 0.24	ug/l	0.24	0.77	1	8260B	5/17/2005	CJR	1
1,2-Dibromo-3-chloropropane	< 4.1	ug/l	4.1	13	1	8260B	5/17/2005	CJR	1
Dibromochloromethane	< 0.74	ug/l	0.74	2.4	1	8260B	5/17/2005	CJR	1
1,4-Dichlorobenzene	< 0.69	ug/l	0.69	2.2	1	8260B	5/17/2005	CJR	1
1,3-Dichlorobenzene	< 0.64	ug/l	0.64	2	1	8260B	5/17/2005	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.7	1	8260B	5/17/2005	CJR	1
Dichlorodifluoromethane	< 0.2	ug/l	0.2	0.63	1	8260B	5/17/2005	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethane	< 0.91	ug/l	0.91	2.9	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethene	< 0.2	ug/l	0.2	0.64	1	8260B	5/17/2005	CJR	1
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.87	1	8260B	5/17/2005	CJR	1
trans-1,2-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
1,2-Dichloropropane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
2,2-Dichloropropane	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
1,3-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B	5/17/2005	CJR	1
EDB (1,2-Dibromoethane)	< 0.58	ug/l	0.58	1.9	1	8260B	5/17/2005	CJR	1
Ethylbenzene	< 0.3	ug/l	0.3	0.97	1	8260B	5/17/2005	CJR	1
Hexachlorobutadiene	< 1.6	ug/l	1.6	5.2	1	8260B	5/17/2005	CJR	1
Isopropylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
p-Isopropyltoluene	< 0.5	ug/l	0.5	1.6	1	8260B	5/17/2005	CJR	1
Methylene chloride	< 0.55	ug/l	0.55	1.8	1	8260B	5/17/2005	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.36	ug/l	0.36	1.2	1	8260B	5/17/2005	CJR	1
Naphthalene	< 0.85	ug/l	0.85	2.7	1	8260B	5/17/2005	CJR	1
n-Propylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	5/17/2005	CJR	1
1,1,1,2-Tetrachloroethane	< 0.49	ug/l	0.49	1.6	1	8260B	5/17/2005	CJR	1
Tetrachloroethene	< 0.45	ug/l	0.45	1.4	1	8260B	5/17/2005	CJR	1
Toluene	< 0.52	ug/l	0.52	1.6	1	8260B	5/17/2005	CJR	1
1,2,4-Trichlorobenzene	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
1,2,3-Trichlorobenzene	< 1.6	ug/l	1.6	5.1	1	8260B	5/17/2005	CJR	1
1,1,1-Trichloroethane	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
1,1,2-Trichloroethane	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Trichloroethene (TCE)	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Trichlorofluoromethane	< 0.48	ug/l	0.48	1.5	1	8260B	5/17/2005	CJR	1
1,2,4-Trimethylbenzene	< 0.32	ug/l	0.32	1	1	8260B	5/17/2005	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	8260B	5/17/2005	CJR	1
Vinyl Chloride	< 0.16	ug/l	0.16	0.52	1	8260B	5/17/2005	CJR	1
m&p-Xylene	< 0.79	ug/l	0.79	2.5	1	8260B	5/17/2005	CJR	1
o-Xylene	< 0.38	ug/l	0.38	1.2	1	8260B	5/17/2005	CJR	1

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Sample ID MW-10
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PAH SIM									
Acenaphthene	< 0.016	ug/l	0.016	0.05	1	M8270	5/13/2005	MJR	1

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	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Acenaphthylene	< 0.012	ug/l	0.012	0.039	1	M8270	5/13/2005	MJR	1
Anthracene	< 0.013	ug/l	0.013	0.04	1	M8270	5/13/2005	MJR	1
Benzo(a)anthracene	0.023 "J"	ug/l	0.012	0.037	1	M8270	5/13/2005	MJR	1
Benzo(a)pyrene	0.017 "J"	ug/l	0.008	0.026	1	M8270	5/13/2005	MJR	1
Benzo(b)fluoranthene	0.030	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Benzo(g,h,i)perylene	0.041	ug/l	0.01	0.033	1	M8270	5/13/2005	MJR	1
Benzo(k)fluoranthene	0.010 "J"	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Chrysene	0.018 "J"	ug/l	0.011	0.035	1	M8270	5/13/2005	MJR	1
Dibenzo(a,h)anthracene	< 0.009	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Fluoranthene	0.038	ug/l	0.011	0.034	1	M8270	5/13/2005	MJR	1
Fluorene	< 0.015	ug/l	0.015	0.046	1	M8270	5/13/2005	MJR	1
Indeno(1,2,3-cd)pyrene	< 0.015	ug/l	0.015	0.047	1	M8270	5/13/2005	MJR	1
1-Methyl naphthalene	< 0.018	ug/l	0.018	0.058	1	M8270	5/13/2005	MJR	1
2-Methyl naphthalene	< 0.021	ug/l	0.021	0.067	1	M8270	5/13/2005	MJR	1
Naphthalene	< 0.028	ug/l	0.028	0.089	1	M8270	5/13/2005	MJR	1
Phenanthrene	< 0.011	ug/l	0.011	0.035	1	M8270	5/13/2005	MJR	1
Pyrene	0.034	ug/l	0.01	0.032	1	M8270	5/13/2005	MJR	1
VOC's									
Benzene	< 0.26	ug/l	0.26	0.83	1	8260B	5/17/2005	CJR	1
Bromobenzene	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Bromodichloromethane	< 0.28	ug/l	0.28	0.9	1	8260B	5/17/2005	CJR	1
Bromoform	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
tert-Butylbenzene	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
sec-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
n-Butylbenzene	< 0.61	ug/l	0.61	1.9	1	8260B	5/17/2005	CJR	1
Carbon Tetrachloride	< 0.25	ug/l	0.25	0.81	1	8260B	5/17/2005	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.82	1	8260B	5/17/2005	CJR	1
Chloroethane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Chloroform	< 0.78	ug/l	0.78	2.5	1	8260B	5/17/2005	CJR	1
Chloromethane	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
2-Chlorotoluene	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
4-Chlorotoluene	< 0.24	ug/l	0.24	0.77	1	8260B	5/17/2005	CJR	1
1,2-Dibromo-3-chloropropane	< 4.1	ug/l	4.1	13	1	8260B	5/17/2005	CJR	1
Dibromochloromethane	< 0.74	ug/l	0.74	2.4	1	8260B	5/17/2005	CJR	1
1,4-Dichlorobenzene	< 0.69	ug/l	0.69	2.2	1	8260B	5/17/2005	CJR	1
1,3-Dichlorobenzene	< 0.64	ug/l	0.64	2	1	8260B	5/17/2005	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.7	1	8260B	5/17/2005	CJR	1
Dichlorodifluoromethane	< 0.2	ug/l	0.2	0.63	1	8260B	5/17/2005	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethane	< 0.91	ug/l	0.91	2.9	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethene	< 0.2	ug/l	0.2	0.64	1	8260B	5/17/2005	CJR	1
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.87	1	8260B	5/17/2005	CJR	1
trans-1,2-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
1,2-Dichloropropane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
2,2-Dichloropropane	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
1,3-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B	5/17/2005	CJR	1
EDB (1,2-Dibromoethane)	< 0.58	ug/l	0.58	1.9	1	8260B	5/17/2005	CJR	1
Ethylbenzene	< 0.3	ug/l	0.3	0.97	1	8260B	5/17/2005	CJR	1
Hexachlorobutadiene	< 1.6	ug/l	1.6	5.2	1	8260B	5/17/2005	CJR	1
Isopropylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
p-Isopropyltoluene	< 0.5	ug/l	0.5	1.6	1	8260B	5/17/2005	CJR	1
Methylene chloride	< 0.55	ug/l	0.55	1.8	1	8260B	5/17/2005	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.36	ug/l	0.36	1.2	1	8260B	5/17/2005	CJR	1
Naphthalene	< 0.85	ug/l	0.85	2.7	1	8260B	5/17/2005	CJR	1
n-Propylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1

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	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	5/17/2005	CJR	1
1,1,1,2-Tetrachloroethane	< 0.49	ug/l	0.49	1.6	1	8260B	5/17/2005	CJR	1
Tetrachloroethene	< 0.45	ug/l	0.45	1.4	1	8260B	5/17/2005	CJR	1
Toluene	< 0.52	ug/l	0.52	1.6	1	8260B	5/17/2005	CJR	1
1,2,4-Trichlorobenzene	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
1,2,3-Trichlorobenzene	< 1.6	ug/l	1.6	5.1	1	8260B	5/17/2005	CJR	1
1,1,1-Trichloroethane	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
1,1,2-Trichloroethane	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Trichloroethene (TCE)	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Trichlorofluoromethane	< 0.48	ug/l	0.48	1.5	1	8260B	5/17/2005	CJR	1
1,2,4-Trimethylbenzene	< 0.32	ug/l	0.32	1	1	8260B	5/17/2005	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	8260B	5/17/2005	CJR	1
Vinyl Chloride	< 0.16	ug/l	0.16	0.52	1	8260B	5/17/2005	CJR	1
m&p-Xylene	< 0.79	ug/l	0.79	2.5	1	8260B	5/17/2005	CJR	1
o-Xylene	< 0.38	ug/l	0.38	1.2	1	8260B	5/17/2005	CJR	1

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Sample ID MW-11
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Inorganic									
Metals									
Cadmium, dissolved	< 0.7	ug/l	0.7	2	1	EPA 6010B	5/18/2005	ESC	1
Chromium, Dissolved	5.7 "J"	ug/l	3.1	10	1	EPA 6010B	5/18/2005	ESC	1
Mercury, dissolved	< 0.066	ug/l	0.066	0.2	1	7470A	5/19/2005	ESC	1
Selenium, dissolved	< 7.2	ug/l	7.2	20	1	EPA 6010B	5/18/2005	ESC	1
Silver, dissolved	< 3	ug/l	3	10	1	EPA 6010B	5/18/2005	ESC	1
Barium, Dissolved	120	ug/l	1.6	5	1	EPA 6010B	5/18/2005	ESC	1
Arsenic, Dissolved	< 7.4	ug/l	7.4	20	1	EPA 6010B	5/18/2005	ESC	1
Lead, Dissolved	< 4.1	ug/l	4.1	12	1	EPA 6010B	5/18/2005	ESC	1
Organic									
PAH SIM									
Acenaphthene	< 0.016	ug/l	0.016	0.05	1	M8270	5/13/2005	MJR	1
Acenaphthylene	< 0.012	ug/l	0.012	0.039	1	M8270	5/13/2005	MJR	1
Anthracene	< 0.013	ug/l	0.013	0.04	1	M8270	5/13/2005	MJR	1
Benzo(a)anthracene	0.014 "J"	ug/l	0.012	0.037	1	M8270	5/13/2005	MJR	1
Benzo(a)pyrene	0.009 "J"	ug/l	0.008	0.026	1	M8270	5/13/2005	MJR	1
Benzo(b)fluoranthene	0.016 "J"	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Benzo(g,h,i)perylene	0.059	ug/l	0.01	0.033	1	M8270	5/13/2005	MJR	1
Benzo(k)fluoranthene	< 0.009	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Chrysene	< 0.011	ug/l	0.011	0.035	1	M8270	5/13/2005	MJR	1
Dibenzo(a,h)anthracene	< 0.009	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Fluoranthene	0.026 "J"	ug/l	0.011	0.034	1	M8270	5/13/2005	MJR	1
Fluorene	< 0.015	ug/l	0.015	0.046	1	M8270	5/13/2005	MJR	1
Indeno(1,2,3-cd)pyrene	< 0.015	ug/l	0.015	0.047	1	M8270	5/13/2005	MJR	1
1-Methyl naphthalene	< 0.018	ug/l	0.018	0.058	1	M8270	5/13/2005	MJR	1
2-Methyl naphthalene	< 0.021	ug/l	0.021	0.067	1	M8270	5/13/2005	MJR	1
Naphthalene	< 0.028	ug/l	0.028	0.089	1	M8270	5/13/2005	MJR	1
Phenanthrene	< 0.011	ug/l	0.011	0.035	1	M8270	5/13/2005	MJR	1
Pyrene	0.038	ug/l	0.01	0.032	1	M8270	5/13/2005	MJR	1
VOC's									
Benzene	< 0.26	ug/l	0.26	0.83	1	8260B	5/17/2005	CJR	1

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	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Bromobenzene	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Bromodichloromethane	< 0.28	ug/l	0.28	0.9	1	8260B	5/17/2005	CJR	1
Bromoform	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
tert-Butylbenzene	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
sec-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
n-Butylbenzene	< 0.61	ug/l	0.61	1.9	1	8260B	5/17/2005	CJR	1
Carbon Tetrachloride	< 0.25	ug/l	0.25	0.81	1	8260B	5/17/2005	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.82	1	8260B	5/17/2005	CJR	1
Chloroethane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Chloroform	1.78 "J"	ug/l	0.78	2.5	1	8260B	5/17/2005	CJR	1
Chloromethane	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
2-Chlorotoluene	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
4-Chlorotoluene	< 0.24	ug/l	0.24	0.77	1	8260B	5/17/2005	CJR	1
1,2-Dibromo-3-chloropropane	< 4.1	ug/l	4.1	13	1	8260B	5/17/2005	CJR	1
Dibromochloromethane	< 0.74	ug/l	0.74	2.4	1	8260B	5/17/2005	CJR	1
1,4-Dichlorobenzene	< 0.69	ug/l	0.69	2.2	1	8260B	5/17/2005	CJR	1
1,3-Dichlorobenzene	< 0.64	ug/l	0.64	2	1	8260B	5/17/2005	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.7	1	8260B	5/17/2005	CJR	1
Dichlorodifluoromethane	< 0.2	ug/l	0.2	0.63	1	8260B	5/17/2005	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethane	< 0.91	ug/l	0.91	2.9	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethene	< 0.2	ug/l	0.2	0.64	1	8260B	5/17/2005	CJR	1
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.87	1	8260B	5/17/2005	CJR	1
trans-1,2-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
1,2-Dichloropropane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
2,2-Dichloropropane	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
1,3-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B	5/17/2005	CJR	1
EDB (1,2-Dibromoethane)	< 0.58	ug/l	0.58	1.9	1	8260B	5/17/2005	CJR	1
Ethylbenzene	< 0.3	ug/l	0.3	0.97	1	8260B	5/17/2005	CJR	1
Hexachlorobutadiene	< 1.6	ug/l	1.6	5.2	1	8260B	5/17/2005	CJR	1
Isopropylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
p-Isopropyltoluene	< 0.5	ug/l	0.5	1.6	1	8260B	5/17/2005	CJR	1
Methylene chloride	< 0.55	ug/l	0.55	1.8	1	8260B	5/17/2005	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.36	ug/l	0.36	1.2	1	8260B	5/17/2005	CJR	1
Naphthalene	< 0.85	ug/l	0.85	2.7	1	8260B	5/17/2005	CJR	1
n-Propylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	5/17/2005	CJR	1
1,1,1,2-Tetrachloroethane	< 0.49	ug/l	0.49	1.6	1	8260B	5/17/2005	CJR	1
Tetrachloroethene	< 0.45	ug/l	0.45	1.4	1	8260B	5/17/2005	CJR	1
Toluene	< 0.52	ug/l	0.52	1.6	1	8260B	5/17/2005	CJR	1
1,2,4-Trichlorobenzene	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
1,2,3-Trichlorobenzene	< 1.6	ug/l	1.6	5.1	1	8260B	5/17/2005	CJR	1
1,1,1-Trichloroethane	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
1,1,2-Trichloroethane	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Trichloroethene (TCE)	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Trichlorofluoromethane	< 0.48	ug/l	0.48	1.5	1	8260B	5/17/2005	CJR	1
1,2,4-Trimethylbenzene	< 0.32	ug/l	0.32	1	1	8260B	5/17/2005	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	8260B	5/17/2005	CJR	1
Vinyl Chloride	< 0.16	ug/l	0.16	0.52	1	8260B	5/17/2005	CJR	1
m&p-Xylene	< 0.79	ug/l	0.79	2.5	1	8260B	5/17/2005	CJR	1
o-Xylene	< 0.38	ug/l	0.38	1.2	1	8260B	5/17/2005	CJR	1

Project Name COWA-NOWAK SITE **Invoice #** E11703
Project #

Lab Code 5011703L
Sample ID MW-11 DUP
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
VOC's									
Benzene	< 0.26	ug/l	0.26	0.83	1	8260B	5/17/2005	CJR	1
Bromobenzene	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Bromodichloromethane	< 0.28	ug/l	0.28	0.9	1	8260B	5/17/2005	CJR	1
Bromoform	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
tert-Butylbenzene	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
sec-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
n-Butylbenzene	< 0.61	ug/l	0.61	1.9	1	8260B	5/17/2005	CJR	1
Carbon Tetrachloride	< 0.25	ug/l	0.25	0.81	1	8260B	5/17/2005	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.82	1	8260B	5/17/2005	CJR	1
Chloroethane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Chloroform	1.73 "J"	ug/l	0.78	2.5	1	8260B	5/17/2005	CJR	1
Chloromethane	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
2-Chlorotoluene	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
4-Chlorotoluene	< 0.24	ug/l	0.24	0.77	1	8260B	5/17/2005	CJR	1
1,2-Dibromo-3-chloropropane	< 4.1	ug/l	4.1	13	1	8260B	5/17/2005	CJR	1
Dibromochloromethane	< 0.74	ug/l	0.74	2.4	1	8260B	5/17/2005	CJR	1
1,4-Dichlorobenzene	< 0.69	ug/l	0.69	2.2	1	8260B	5/17/2005	CJR	1
1,3-Dichlorobenzene	< 0.64	ug/l	0.64	2	1	8260B	5/17/2005	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.7	1	8260B	5/17/2005	CJR	1
Dichlorodifluoromethane	< 0.2	ug/l	0.2	0.63	1	8260B	5/17/2005	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethane	< 0.91	ug/l	0.91	2.9	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethene	< 0.2	ug/l	0.2	0.64	1	8260B	5/17/2005	CJR	1
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.87	1	8260B	5/17/2005	CJR	1
trans-1,2-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
1,2-Dichloropropane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
2,2-Dichloropropane	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
1,3-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B	5/17/2005	CJR	1
EDB (1,2-Dibromoethane)	< 0.58	ug/l	0.58	1.9	1	8260B	5/17/2005	CJR	1
Ethylbenzene	< 0.3	ug/l	0.3	0.97	1	8260B	5/17/2005	CJR	1
Hexachlorobutadiene	< 1.6	ug/l	1.6	5.2	1	8260B	5/17/2005	CJR	1
Isopropylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
p-Isopropyltoluene	< 0.5	ug/l	0.5	1.6	1	8260B	5/17/2005	CJR	1
Methylene chloride	< 0.55	ug/l	0.55	1.8	1	8260B	5/17/2005	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.36	ug/l	0.36	1.2	1	8260B	5/17/2005	CJR	1
Naphthalene	< 0.85	ug/l	0.85	2.7	1	8260B	5/17/2005	CJR	1
n-Propylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	5/17/2005	CJR	1
1,1,1,2-Tetrachloroethane	< 0.49	ug/l	0.49	1.6	1	8260B	5/17/2005	CJR	1
Tetrachloroethene	< 0.45	ug/l	0.45	1.4	1	8260B	5/17/2005	CJR	1
Toluene	< 0.52	ug/l	0.52	1.6	1	8260B	5/17/2005	CJR	1
1,2,4-Trichlorobenzene	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
1,2,3-Trichlorobenzene	< 1.6	ug/l	1.6	5.1	1	8260B	5/17/2005	CJR	1
1,1,1-Trichloroethane	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
1,1,2-Trichloroethane	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Trichloroethene (TCE)	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Trichlorofluoromethane	< 0.48	ug/l	0.48	1.5	1	8260B	5/17/2005	CJR	1
1,2,4-Trimethylbenzene	< 0.32	ug/l	0.32	1	1	8260B	5/17/2005	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	8260B	5/17/2005	CJR	1
Vinyl Chloride	< 0.16	ug/l	0.16	0.52	1	8260B	5/17/2005	CJR	1
m&p-Xylene	< 0.79	ug/l	0.79	2.5	1	8260B	5/17/2005	CJR	1
o-Xylene	< 0.38	ug/l	0.38	1.2	1	8260B	5/17/2005	CJR	1

Project Name COWA-NOWAK SITE **Invoice #** E11703
Project #

Lab Code 5011703M
Sample ID MW-12
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PAH SIM									
Acenaphthene	2.3	ug/l	0.016	0.05	1	M8270	5/13/2005	MJR	1
Acenaphthylene	0.32	ug/l	0.012	0.039	1	M8270	5/13/2005	MJR	1
Anthracene	0.42	ug/l	0.013	0.04	1	M8270	5/13/2005	MJR	1
Benzo(a)anthracene	0.037	ug/l	0.012	0.037	1	M8270	5/13/2005	MJR	1
Benzo(a)pyrene	0.023 "J"	ug/l	0.008	0.026	1	M8270	5/13/2005	MJR	1
Benzo(b)fluoranthene	0.037	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Benzo(g,h,i)perylene	0.045	ug/l	0.01	0.033	1	M8270	5/13/2005	MJR	1
Benzo(k)fluoranthene	0.016 "J"	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Chrysene	0.042	ug/l	0.011	0.035	1	M8270	5/13/2005	MJR	1
Dibenzo(a,h)anthracene	< 0.009	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Fluoranthene	0.50	ug/l	0.011	0.034	1	M8270	5/13/2005	MJR	1
Fluorene	2.2	ug/l	0.015	0.046	1	M8270	5/13/2005	MJR	1
Indeno(1,2,3-cd)pyrene	0.016 "J"	ug/l	0.015	0.047	1	M8270	5/13/2005	MJR	1
1-Methyl naphthalene	1.5	ug/l	0.018	0.058	1	M8270	5/13/2005	MJR	1
2-Methyl naphthalene	1.5	ug/l	0.021	0.067	1	M8270	5/13/2005	MJR	1
Naphthalene	9.4	ug/l	0.14	0.45	5	M8270	5/15/2005	MJR	1
Phenanthrene	2.7	ug/l	0.011	0.035	1	M8270	5/13/2005	MJR	1
Pyrene	0.30	ug/l	0.01	0.032	1	M8270	5/13/2005	MJR	1
VOC's									
Benzene	1.8	ug/l	0.26	0.83	1	8260B	5/17/2005	CJR	1
Bromobenzene	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Bromodichloromethane	< 0.28	ug/l	0.28	0.9	1	8260B	5/17/2005	CJR	1
Bromoform	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
tert-Butylbenzene	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
sec-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
n-Butylbenzene	< 0.61	ug/l	0.61	1.9	1	8260B	5/17/2005	CJR	1
Carbon Tetrachloride	< 0.25	ug/l	0.25	0.81	1	8260B	5/17/2005	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.82	1	8260B	5/17/2005	CJR	1
Chloroethane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Chloroform	< 0.78	ug/l	0.78	2.5	1	8260B	5/17/2005	CJR	1
Chloromethane	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
2-Chlorotoluene	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
4-Chlorotoluene	< 0.24	ug/l	0.24	0.77	1	8260B	5/17/2005	CJR	1
1,2-Dibromo-3-chloropropane	< 4.1	ug/l	4.1	13	1	8260B	5/17/2005	CJR	1
Dibromochloromethane	< 0.74	ug/l	0.74	2.4	1	8260B	5/17/2005	CJR	1
1,4-Dichlorobenzene	< 0.69	ug/l	0.69	2.2	1	8260B	5/17/2005	CJR	1
1,3-Dichlorobenzene	< 0.64	ug/l	0.64	2	1	8260B	5/17/2005	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.7	1	8260B	5/17/2005	CJR	1
Dichlorodifluoromethane	< 0.2	ug/l	0.2	0.63	1	8260B	5/17/2005	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethane	< 0.91	ug/l	0.91	2.9	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethene	< 0.2	ug/l	0.2	0.64	1	8260B	5/17/2005	CJR	1
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.87	1	8260B	5/17/2005	CJR	1
trans-1,2-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
1,2-Dichloropropane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
2,2-Dichloropropane	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
1,3-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B	5/17/2005	CJR	1
EDB (1,2-Dibromoethane)	< 0.58	ug/l	0.58	1.9	1	8260B	5/17/2005	CJR	1
Ethylbenzene	< 0.3	ug/l	0.3	0.97	1	8260B	5/17/2005	CJR	1
Hexachlorobutadiene	< 1.6	ug/l	1.6	5.2	1	8260B	5/17/2005	CJR	1
Isopropylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
p-Isopropyltoluene	< 0.5	ug/l	0.5	1.6	1	8260B	5/17/2005	CJR	1

Project Name COWA-NOWAK SITE **Invoice #** E11703
Project #

Lab Code 5011703M
Sample ID MW-12
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Methylene chloride	< 0.55	ug/l	0.55	1.8	1	8260B	5/17/2005	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.36	ug/l	0.36	1.2	1	8260B	5/17/2005	CJR	1
Naphthalene	16	ug/l	0.85	2.7	1	8260B	5/17/2005	CJR	1
n-Propylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	5/17/2005	CJR	1
1,1,1,2-Tetrachloroethane	< 0.49	ug/l	0.49	1.6	1	8260B	5/17/2005	CJR	1
Tetrachloroethene	< 0.45	ug/l	0.45	1.4	1	8260B	5/17/2005	CJR	1
Toluene	< 0.52	ug/l	0.52	1.6	1	8260B	5/17/2005	CJR	1
1,2,4-Trichlorobenzene	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
1,2,3-Trichlorobenzene	< 1.6	ug/l	1.6	5.1	1	8260B	5/17/2005	CJR	1
1,1,1-Trichloroethane	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
1,1,2-Trichloroethane	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Trichloroethene (TCE)	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Trichlorofluoromethane	< 0.48	ug/l	0.48	1.5	1	8260B	5/17/2005	CJR	1
1,2,4-Trimethylbenzene	< 0.32	ug/l	0.32	1	1	8260B	5/17/2005	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	8260B	5/17/2005	CJR	1
Vinyl Chloride	< 0.16	ug/l	0.16	0.52	1	8260B	5/17/2005	CJR	1
m&p-Xylene	< 0.79	ug/l	0.79	2.5	1	8260B	5/17/2005	CJR	1
o-Xylene	< 0.38	ug/l	0.38	1.2	1	8260B	5/17/2005	CJR	1

Lab Code 5011703N
Sample ID MW-13
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PAH SIM									
Acenaphthene	< 0.016	ug/l	0.016	0.05	1	M8270	5/13/2005	MJR	1
Acenaphthylene	< 0.012	ug/l	0.012	0.039	1	M8270	5/13/2005	MJR	1
Anthracene	< 0.013	ug/l	0.013	0.04	1	M8270	5/13/2005	MJR	1
Benzo(a)anthracene	0.015 "J"	ug/l	0.012	0.037	1	M8270	5/13/2005	MJR	1
Benzo(a)pyrene	0.012 "J"	ug/l	0.008	0.026	1	M8270	5/13/2005	MJR	1
Benzo(b)fluoranthene	0.018 "J"	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Benzo(g,h,i)perylene	0.052	ug/l	0.01	0.033	1	M8270	5/13/2005	MJR	1
Benzo(k)fluoranthene	0.010 "J"	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Chrysene	< 0.011	ug/l	0.011	0.035	1	M8270	5/13/2005	MJR	1
Dibenzo(a,h)anthracene	< 0.009	ug/l	0.009	0.029	1	M8270	5/13/2005	MJR	1
Fluoranthene	0.019 "J"	ug/l	0.011	0.034	1	M8270	5/13/2005	MJR	1
Fluorene	< 0.015	ug/l	0.015	0.046	1	M8270	5/13/2005	MJR	1
Indeno(1,2,3-cd)pyrene	< 0.015	ug/l	0.015	0.047	1	M8270	5/13/2005	MJR	1
1-Methyl naphthalene	< 0.018	ug/l	0.018	0.058	1	M8270	5/13/2005	MJR	1
2-Methyl naphthalene	< 0.021	ug/l	0.021	0.067	1	M8270	5/13/2005	MJR	1
Naphthalene	< 0.028	ug/l	0.028	0.089	1	M8270	5/13/2005	MJR	1
Phenanthrene	< 0.011	ug/l	0.011	0.035	1	M8270	5/13/2005	MJR	1
Pyrene	0.017 "J"	ug/l	0.01	0.032	1	M8270	5/13/2005	MJR	1
VOC's									
Benzene	< 0.26	ug/l	0.26	0.83	1	8260B	5/17/2005	CJR	1
Bromobenzene	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Bromodichloromethane	< 0.28	ug/l	0.28	0.9	1	8260B	5/17/2005	CJR	1
Bromoform	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
tert-Butylbenzene	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
sec-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
n-Butylbenzene	< 0.61	ug/l	0.61	1.9	1	8260B	5/17/2005	CJR	1
Carbon Tetrachloride	< 0.25	ug/l	0.25	0.81	1	8260B	5/17/2005	CJR	1

Project Name COWA-NOWAK SITE **Invoice #** E11703
Project #

Lab Code 5011703N
Sample ID MW-13
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Chlorobenzene	< 0.26	ug/l	0.26	0.82	1	8260B	5/17/2005	CJR	1
Chloroethane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Chloroform	< 0.78	ug/l	0.78	2.5	1	8260B	5/17/2005	CJR	1
Chloromethane	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
2-Chlorotoluene	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
4-Chlorotoluene	< 0.24	ug/l	0.24	0.77	1	8260B	5/17/2005	CJR	1
1,2-Dibromo-3-chloropropane	< 4.1	ug/l	4.1	13	1	8260B	5/17/2005	CJR	1
Dibromochloromethane	< 0.74	ug/l	0.74	2.4	1	8260B	5/17/2005	CJR	1
1,4-Dichlorobenzene	< 0.69	ug/l	0.69	2.2	1	8260B	5/17/2005	CJR	1
1,3-Dichlorobenzene	< 0.64	ug/l	0.64	2	1	8260B	5/17/2005	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.7	1	8260B	5/17/2005	CJR	1
Dichlorodifluoromethane	< 0.2	ug/l	0.2	0.63	1	8260B	5/17/2005	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethane	< 0.91	ug/l	0.91	2.9	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethene	< 0.2	ug/l	0.2	0.64	1	8260B	5/17/2005	CJR	1
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.87	1	8260B	5/17/2005	CJR	1
trans-1,2-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
1,2-Dichloropropane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
2,2-Dichloropropane	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
1,3-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B	5/17/2005	CJR	1
EDB (1,2-Dibromoethane)	< 0.58	ug/l	0.58	1.9	1	8260B	5/17/2005	CJR	1
Ethylbenzene	< 0.3	ug/l	0.3	0.97	1	8260B	5/17/2005	CJR	1
Hexachlorobutadiene	< 1.6	ug/l	1.6	5.2	1	8260B	5/17/2005	CJR	1
Isopropylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
p-Isopropyltoluene	< 0.5	ug/l	0.5	1.6	1	8260B	5/17/2005	CJR	1
Methylene chloride	< 0.55	ug/l	0.55	1.8	1	8260B	5/17/2005	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.36	ug/l	0.36	1.2	1	8260B	5/17/2005	CJR	1
Naphthalene	< 0.85	ug/l	0.85	2.7	1	8260B	5/18/2005	CJR	1
n-Propylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	5/17/2005	CJR	1
1,1,1,2-Tetrachloroethane	< 0.49	ug/l	0.49	1.6	1	8260B	5/17/2005	CJR	1
Tetrachloroethene	< 0.45	ug/l	0.45	1.4	1	8260B	5/17/2005	CJR	1
Toluene	< 0.52	ug/l	0.52	1.6	1	8260B	5/17/2005	CJR	1
1,2,4-Trichlorobenzene	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
1,2,3-Trichlorobenzene	< 1.6	ug/l	1.6	5.1	1	8260B	5/17/2005	CJR	1
1,1,1-Trichloroethane	6.2	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
1,1,2-Trichloroethane	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Trichloroethene (TCE)	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Trichlorofluoromethane	< 0.48	ug/l	0.48	1.5	1	8260B	5/17/2005	CJR	1
1,2,4-Trimethylbenzene	< 0.32	ug/l	0.32	1	1	8260B	5/17/2005	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	8260B	5/17/2005	CJR	1
Vinyl Chloride	< 0.16	ug/l	0.16	0.52	1	8260B	5/17/2005	CJR	1
m&p-Xylene	< 0.79	ug/l	0.79	2.5	1	8260B	5/17/2005	CJR	1
o-Xylene	< 0.38	ug/l	0.38	1.2	1	8260B	5/17/2005	CJR	1

Lab Code 5011703O
Sample ID MW-14
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Inorganic									
Metals									
Cadmium, dissolved	3.1	ug/l	0.7	2	1	EPA 6010B	5/18/2005	ESC	1
Chromium, Dissolved	12	ug/l	3.1	10	1	EPA 6010B	5/18/2005	ESC	1

Project Name COWA-NOWAK SITE **Invoice #** E11703
Project #

Lab Code 5011703O
Sample ID MW-14
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Mercury, dissolved	0.48	ug/l	0.066	0.2	1	7470A	5/19/2005	ESC	1
Selenium, dissolved	21	ug/l	7.2	20	1	EPA 6010B	5/18/2005	ESC	1
Silver, dissolved	21	ug/l	3	10	1	EPA 6010B	5/18/2005	ESC	23
Barium, Dissolved	360	ug/l	1.6	5	1	EPA 6010B	5/18/2005	ESC	1
Arsenic, Dissolved	< 7.4	ug/l	7.4	20	1	EPA 6010B	5/18/2005	ESC	1
Lead, Dissolved	5.1 "J"	ug/l	4.1	12	1	EPA 6010B	5/18/2005	ESC	1
Organic									
PAH SIM									
Acenaphthene	1.6	ug/l	0.016	0.05	1	M8270	5/14/2005	MJR	1
Acenaphthylene	0.075	ug/l	0.012	0.039	1	M8270	5/14/2005	MJR	1
Anthracene	0.41	ug/l	0.013	0.04	1	M8270	5/14/2005	MJR	1
Benzo(a)anthracene	0.028 "J"	ug/l	0.012	0.037	1	M8270	5/14/2005	MJR	1
Benzo(a)pyrene	0.016 "J"	ug/l	0.008	0.026	1	M8270	5/14/2005	MJR	1
Benzo(b)fluoranthene	0.030	ug/l	0.009	0.029	1	M8270	5/14/2005	MJR	1
Benzo(g,h,i)perylene	0.042	ug/l	0.01	0.033	1	M8270	5/14/2005	MJR	1
Benzo(k)fluoranthene	0.012 "J"	ug/l	0.009	0.029	1	M8270	5/14/2005	MJR	1
Chrysene	0.028 "J"	ug/l	0.011	0.035	1	M8270	5/14/2005	MJR	1
Dibenzo(a,h)anthracene	< 0.009	ug/l	0.009	0.029	1	M8270	5/14/2005	MJR	1
Fluoranthene	0.31	ug/l	0.011	0.034	1	M8270	5/14/2005	MJR	1
Fluorene	1.0	ug/l	0.015	0.046	1	M8270	5/14/2005	MJR	1
Indeno(1,2,3-cd)pyrene	< 0.015	ug/l	0.015	0.047	1	M8270	5/14/2005	MJR	1
1-Methyl naphthalene	4.2	ug/l	0.018	0.058	1	M8270	5/14/2005	MJR	1
2-Methyl naphthalene	7.4	ug/l	0.11	0.34	5	M8270	5/15/2005	MJR	1
Naphthalene	15	ug/l	0.14	0.45	5	M8270	5/15/2005	MJR	1
Phenanthrene	1.3	ug/l	0.011	0.035	1	M8270	5/14/2005	MJR	1
Pyrene	0.17	ug/l	0.01	0.032	1	M8270	5/14/2005	MJR	1
VOC's									
Benzene	1.2	ug/l	0.26	0.83	1	8260B	5/17/2005	CJR	1
Bromobenzene	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Bromodichloromethane	< 0.28	ug/l	0.28	0.9	1	8260B	5/17/2005	CJR	1
Bromoform	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
tert-Butylbenzene	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
sec-Butylbenzene	0.91	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
n-Butylbenzene	0.72 "J"	ug/l	0.61	1.9	1	8260B	5/17/2005	CJR	1
Carbon Tetrachloride	< 0.25	ug/l	0.25	0.81	1	8260B	5/17/2005	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.82	1	8260B	5/17/2005	CJR	1
Chloroethane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Chloroform	< 0.78	ug/l	0.78	2.5	1	8260B	5/17/2005	CJR	1
Chloromethane	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
2-Chlorotoluene	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
4-Chlorotoluene	< 0.24	ug/l	0.24	0.77	1	8260B	5/17/2005	CJR	1
1,2-Dibromo-3-chloropropane	< 4.1	ug/l	4.1	13	1	8260B	5/17/2005	CJR	1
Dibromochloromethane	< 0.74	ug/l	0.74	2.4	1	8260B	5/17/2005	CJR	1
1,4-Dichlorobenzene	< 0.69	ug/l	0.69	2.2	1	8260B	5/17/2005	CJR	1
1,3-Dichlorobenzene	< 0.64	ug/l	0.64	2	1	8260B	5/17/2005	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.7	1	8260B	5/17/2005	CJR	1
Dichlorodifluoromethane	< 0.2	ug/l	0.2	0.63	1	8260B	5/17/2005	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.8	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethane	< 0.91	ug/l	0.91	2.9	1	8260B	5/17/2005	CJR	1
1,1-Dichloroethene	< 0.2	ug/l	0.2	0.64	1	8260B	5/17/2005	CJR	1
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.87	1	8260B	5/17/2005	CJR	1
trans-1,2-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1
1,2-Dichloropropane	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
2,2-Dichloropropane	< 0.34	ug/l	0.34	1.1	1	8260B	5/17/2005	CJR	1
1,3-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B	5/17/2005	CJR	1

Project Name COWA-NOWAK SITE **Invoice #** E11703
Project #

Lab Code 5011703O
Sample ID MW-14
Sample Matrix Water
Sample Date 5/10/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B	5/17/2005	CJR	1
EDB (1,2-Dibromoethane)	< 0.58	ug/l	0.58	1.9	1	8260B	5/17/2005	CJR	1
Ethylbenzene	5.6	ug/l	0.3	0.97	1	8260B	5/17/2005	CJR	1
Hexachlorobutadiene	< 1.6	ug/l	1.6	5.2	1	8260B	5/17/2005	CJR	1
Isopropylbenzene	1.9	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
p-Isopropyltoluene	0.79 "J"	ug/l	0.5	1.6	1	8260B	5/17/2005	CJR	I
Methylene chloride	< 0.55	ug/l	0.55	1.8	1	8260B	5/17/2005	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.36	ug/l	0.36	1.2	1	8260B	5/17/2005	CJR	1
Naphthalene	28	ug/l	0.85	2.7	1	8260B	5/17/2005	CJR	1
n-Propylbenzene	2.4	ug/l	0.56	1.8	1	8260B	5/17/2005	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	0.93	1	8260B	5/17/2005	CJR	1
1,1,1,2-Tetrachloroethane	< 0.49	ug/l	0.49	1.6	1	8260B	5/17/2005	CJR	1
Tetrachloroethene	< 0.45	ug/l	0.45	1.4	1	8260B	5/17/2005	CJR	1
Toluene	6	ug/l	0.52	1.6	1	8260B	5/17/2005	CJR	1
1,2,4-Trichlorobenzene	< 1.1	ug/l	1.1	3.4	1	8260B	5/17/2005	CJR	1
1,2,3-Trichlorobenzene	< 1.6	ug/l	1.6	5.1	1	8260B	5/17/2005	CJR	1
1,1,1-Trichloroethane	< 0.42	ug/l	0.42	1.3	1	8260B	5/17/2005	CJR	1
1,1,2-Trichloroethane	< 0.35	ug/l	0.35	1.1	1	8260B	5/17/2005	CJR	1
Trichloroethene (TCE)	< 0.37	ug/l	0.37	1.2	1	8260B	5/17/2005	CJR	1
Trichlorofluoromethane	< 0.48	ug/l	0.48	1.5	1	8260B	5/17/2005	CJR	1
1,2,4-Trimethylbenzene	13	ug/l	0.32	1	1	8260B	5/17/2005	CJR	1
1,3,5-Trimethylbenzene	3	ug/l	0.83	2.6	1	8260B	5/17/2005	CJR	1
Vinyl Chloride	< 0.16	ug/l	0.16	0.52	1	8260B	5/17/2005	CJR	1
m&p-Xylene	12	ug/l	0.79	2.5	1	8260B	5/17/2005	CJR	1
o-Xylene	7.4	ug/l	0.38	1.2	1	8260B	5/17/2005	CJR	1

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Code	*Comment*
1	Laboratory QC within limits.
2	Relative percent difference failed for laboratory spiked samples.
3	The matrix spike not within established limits.

Authorized Signature Michael J. Ricker

APPENDIX B

SOIL BORING LOGS

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

WTM91 COORDINATES 683378, 283739 Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE		SB-1

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	02/20/2004 (m m d d y y y y)	02/20/2004 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
4-0			1–2	SURFACE GRAVEL CHANGING TO LIGHT TO DARK GRAY, MOIST, SILTY CLAY WITH TRACE SAND	CL									ORGANIC ODOR
4-8			4–6	BROWN & GRAY, MOIST, SILTY CLAY WITH TRACE SAND - DENSE	CL									NO ODOR
			8	BOTTOM OF BORING										
			9–12											

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

Signature [signature] Firm THE ENVIRONMENTAL MANAGEMENT CO. LLC

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 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/Revelopment ☐ Other ☐ _____

WTM91 COORDINATES 683378, 283739 Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE		SB-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	02/20/2004 (m m d d y y y y)	02/20/2004 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
Lat ° ' " Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
4-0			1	SURFACE GRAVEL CHANGING TO BROWN & GRAY, MOIST, SILTY CLAY WITH TRACE SAND - DENSE	CL	▽								NO ODOR
			2											
			3											
			4	BROWN & GRAY, MOIST, SILTY CLAY WITH TRACE SAND - VERY DENSE										NO ODOR
8-4			5		CL									
			6											
			7	REFUSAL AT 7.0' BGS										
				BOTTOM OF BORING										
			8											
			9											
			10											
			11											
			12											

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Signature [signature] Firm THE ENVIRONMENTAL MANAGEMENT CO. LLC

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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/Revelopment ☐ Other ☐ _____

WTM91 COORDINATES 683378, 283739 Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE	_ _ _ _ _ _ _ _	SB-3

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	02/20/2004 (m m/d d/y y y y)	02/20/2004 (m m/d d/y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
4-0			1	SURFACE GRAVEL CHANGING TO BROWN, GRAY, AND RED, MOIST, SILTY TO SANDY CLAY CHANGING TO BROWN & GRAY, MOIST, SILTY CLAY WITH TRACE SAND - VERY DENSE	CL									NO ODOR
			2											
			3											
			4	BOTTOM OF BORING										
8-4			5											
			6											
			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 [signature] Firm THE ENVIRONMENTAL MANAGEMENT CO. LLC

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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/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE	_ _ _ _ _ _ _	SB-4

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	02/20/2004 (m m/d d/y y y y)	02/20/2004 (m m/d d/y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1	SURFACE GRAVEL CHANGING TO BLACK, WET, SAND & GRAVEL MIXED WITH BROWN, MOIST, SILTY CLAY CHANGING AT 2.0' BGS BROWN & GRAY, MOIST, SILTY CLAY WITH TRACE SAND	GC/CL	▽								NO ODOR
			2											
			3											
			4	BOTTOM OF BORING										
4-8			5											
			6											
			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 J. A. Hosler | Firm THE ENVIRONMENTAL MANAGEMENT CO. LLC

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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/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOUAK SITE	_ _ _ _ _ _ _	SB-5

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	02/20/2004 (m m d d y y y y)	02/20/2004 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _		_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1	SURFACE GRAVEL CHANGING TO MIXED FILL CONSISTING OF BROWN, DAMP, SILT / REDDISH BROWN, MOIST, SILTY CLAY / DARK BROWN TO BLACK SILTY SAND & GRAVEL / DARK BROWN, MOIST, SILTY CLAY - REFUSAL AT 4' BGS	ML / CL / GM / CL									STRONG "DEAD FISH" ODOR
4-8			4	BOTTOM OF BORING										

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Signature [signature] Firm THE ENVIRONMENTAL MANAGEMENT CO. LLC

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State of Wisconsin
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SOIL BORING LOG INFORMATION
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Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE	_ _ _ _ _ _ _	SB-6

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	02/20/2004 (m m d d y y y y)	02/20/2004 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
Lat ° ' " Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1–12	MIXED FILL - BROWN, BLACK, GRAY, AND WHITE MIXTURE OF DAMP TO MOIST, SILTY CLAY AND SAND & GRAVEL	CL/GC									STRONG NAPTHA ODOR
4-8			4–8	MIXED FILL, SIMILAR TO ABOVE, BUT VERY SOFT	CL/GC									STRONG ORGANIC ODOR
8-12			9–12	AS ABOVE	CL/GC									STRONG ORGANIC ODOR
			12	BOTTOM OF BORING										

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

Signature [signature] Firm THE ENVIRONMENTAL MANAGEMENT CO. LLC

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE	_ _ _ _ _ _ _	SB-7

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	02/20/2004 (m m d d y y y y)	02/20/2004 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1	MIXED FILL - SIMILAR TO SB-6, DAMP, VERY DENSE REFUSAL AT 1.5' BGS	GL/GC									SLIGHT ORGANIC ODOR
4-8			2	BOTTOM OF BORING										
			3											
			4											
			5											
			6											
			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 [signature] Firm THE ENVIRONMENTAL MANAGEMENT CO. LLC

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
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Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE		SB-8

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	02/20/2004 (m m d d y y y y)	02/20/2004 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1	MIXED FILL CONSISTING OF BROWN, BLACK, GRAY, AND WHITE, DAMP TO MOIST, MIXTURE OF SILTY CLAY AND SAND & GRAVEL CHANGING AT 3' BGS TO LIME SLURRY	CL / GC									STRONG ODOR
4-8			2											
			3											
			4											
			5	LIME SLURRY										
			6											
			7											
			8	BOTTOM OF BORING										
			9											
			10											
			11											
			12											

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Signature [signature] Firm THE ENVIRONMENTAL MANAGEMENT CO. LLC

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SOIL BORING LOG INFORMATION
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Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE		SB-9

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	02/20/2004	02/20/2004	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			____ Feet MSL	____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
____ 1/4 of ____ 1/4 of Section ____, T ____ N, R ____ E/W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E ____ Feet ☐ S ____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
4-0			1–3	MIXED FILL- CONSISTING OF BLACK, BROWN, GRAY, WHITE, DAMP TO MOIST, SILTY CLAY AND SAND & GRAVEL WITH BRICK FRAGMENTS AND TRACE LIME SLURRY	CL/GC									STRONG ODOR
4-8			5–7	AS ABOVE WITH CLAY CONTENT INCREASING WITH DEPTH CHANGING AT 7.5' BGS TO BROWN, MOIST TO WET, SILTY CLAY	CL/GC/CL									STRONG ODOR
			8	BOTTOM OF BORING										

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

Signature: [signature] Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
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Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE	_ _ _ _ _ _ _ _	SB-10

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	02/20/2004 (m m/d d/y y y y)	02/20/2004 (m m/d d/y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1–12	BROWN, REDDISH BROWN, AND TAN, MOIST, SILTY CLAY WITH SOME SAND AND FINE GRAVEL CHANGING AT 1.5' BGS TO BROWN, MOIST, SILTY CLAY WITH TRACE SAND	CL									NO ODOR
4-8			5–8	BROWN, MOIST, SILTY CLAY WITH SOME SAND AND FINE GRAVEL - VERY DENSE	CL									NO ODOR
			8	BOTTOM OF BORING										

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

Signature [signature] Firm THE ENVIRONMENTAL MANAGEMENT CO. LLC

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE		SB-11

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	05/26/2004 (m m d d y y y y)	05/26/2004 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1–4	BROWN & GRAY, MOIST TO WET SILTY CLAY WITH SAND & GRAVEL	CL/GW									SOME ODOR
4-8			4–8	AS ABOVE, CHANGING AT 4'-5' BGS TO BROWN, MOIST, TO WET, SILTY CLAY WITH TRACE TO SOME SAND & FINE GRAVEL	CL/GW/CL									NO ODOR
8-12			8–12	BOTTOM OF BORING										

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

Signature: JA Hosler | Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

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Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE		SB-12

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	05/26/2004 (mm/dd/yyyy)	05/26/2004 (mm/dd/yyyy)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W

Lat ° ' "
Long ° ' "

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

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1	BLACK, WET, FINE GRAVEL WITH OILY FEEL CHANGING AT 1' BGS TO GRAY, MOIST TO WET, SILTY CLAY WITH TRACE SAND CHANGING AT 2.5' BGS TO MOTTLED BROWN & GRAY, MOIST TO WET, SILTY CLAY WITH TRACE SAND	GP / CL									STRONG ODOR 0-2.5' BGS
			2											
			3											NO ODOR BELOW 2.5' BGS
			4											
4-8			5	MOTTLED BROWN & GRAY, MOIST TO WET, SILTY CLAY WITH TRACE SAND & FINE GRAVEL	CL									NO ODOR
			6											
			7											
			8	BOTTOM OF BORING										
8-12			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
	THE ENVIRONMENTAL MANAGEMENT CO. LLC

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Remediation/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE	_ _ _ _ _ _ _ _	SB-13

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	05/26/2004 (m m/d d/y y y y)	05/26/2004 (m m/d d/y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _ _		_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1–12	DARK BROWN TO BLACK, DAMP SILTY SAND & FINE GRAVEL CHANGING AT 1.5' BGS TO DARK BROWN, MOIST, SILTY CLAY	GM / CL									SOME ODOR
4-8				REFUSAL AT 3' BGS										
8-12														

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

Signature: [signature] Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE		SB-14

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	05/26/2004 (m m d d y y y y)	05/26/2004 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W
Lat ___ ° ___ ' ___ "
Long ___ ° ___ ' ___ "

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

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1–3	MOTTLED GREENISH BROWN, TAN, & DARK BROWN, MOIST TO WET, SILTY CLAY WITH TRACE GRAVEL & WOOD FRAGMENTS (FILL)	CL									SLIGHT ODOR
4-8			4–7	AS ABOVE, CHANGING AT 4.5'-5' BGS TO MOTTLED BROWN & GRAY, MOIST, SILTY CLAY WITH TRACE COARSE SAND	CL									NO ODOR
8-12			8	BOTTOM OF BORING										

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

Signature: JA Hosler | Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

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 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/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE		SB-15

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	05/26/2004	05/26/2004	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1–3	BLACK, MOIST, SILTY CLAY WITH TRACE COARSE SAND CHANGING AT 2' BGS TO GREENISH BROWN & GRAY, MOIST, SILTY CLAY WITH TRACE COARSE SAND	CL									SOME ODOR SLIGHT ODOR
4-8			4–8	BROWN, WET, SILTY CLAY WITH TRACE SAND & FINE GRAVEL & SEVERAL 6" THICK SEAMS OF BROWN, WET, SANDY CLAY	CL									NO ODOR
8-12			8–12	BOTTOM OF BORING										

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

Signature: [signature] Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

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State of Wisconsin
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Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE	_ _ _ _ _ _ _ _	SB-16

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	05/26/2004 (m m d d y y y y)	05/26/2004 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1–4	BROWN, MOIST TO WET, SILTY CLAY WITH TRACE COARSE SAND	CL									NO ODOR
4-8			4–8	BOTTOM OF BORING										
8-12			8–12											

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

Signature: J. Hosler Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

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State of Wisconsin
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SOIL BORING LOG INFORMATION
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Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE	_ _ _ _ _ _ _ _	SB-17

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	05/26/2004 (m m d d y y y y)	05/26/2004 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1–4	BROWN, MOIST TO WET, SILTY CLAY WITH SOME SAND & GRAVEL & SEVERAL SEAMS OF BROWN & BLACK, WET, CLAYEY GRAVEL	CL — GC									
4-8			4	BOTTOM OF BORING										
8-12			5–12											

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

Signature	Firm
	THE ENVIRONMENTAL MANAGEMENT CO. LLC

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SOIL BORING LOG INFORMATION
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Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE	_ _ _ _ _ _ _	SB-18

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	05/27/2004 (m m d d y y y y)	05/27/2004 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _ _		_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1–12	BROWN, TAN, GRAY, & BLACK, MOIST TO WET, SILTY CLAY WITH SAND & GRAVEL, BRICK FRAGMENTS, WOOD, AND LIME SLURRY	CL / GW / FILL / LIME SLURRY									STRONG ODOR
4-8				AS ABOVE, CHANGING AT 6.5' BGS TO LIGHT GRAY, WET, LIME SLURRY, CHANGING AT 7.5' BGS TO FILL DESCRIBED ABOVE	CL / LIME SLURRY / CL									STRONG ODOR
8-12				BOTTOM OF BORING										

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

Signature: J. Hosler | Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

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Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE	_ _ _ _ _ _ _ _	SB-19

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	05/27/2004 (m m d d y y y y)	05/27/2004 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W
Lat ___ ° ___ ' ___ "
Long ___ ° ___ ' ___ "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1	BROWN, BLACK & GRAY, MOIST, SILTY CLAY MIXED WITH SAND & FINE GRAVEL & LIME SLURRY	CL / GW / LIME SLURRY									SOME ODOR
			2											
			3											
4-8			4	AS ABOVE, WITH LARGE GRAVEL	CL / GW / LIME SLURRY									SOME ODOR
			5											
			6											
			7											
8-12			8	AS ABOVE, CHANGING AT 9' BGS TO BROWN, MOIST, SILTY CLAY WITH SOME COARSE SAND & FINE GRAVEL (FILL)	CL / GW / LIME SLURRY / CL									SOME ODOR / SLIGHT ODOR
			9											
			10	REFUSAL AT 10' BGS										
			11											
			12											

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

Signature	Firm
	THE ENVIRONMENTAL MANAGEMENT CO. LLC

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
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Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

WTM91 COORDINATES 683378, 283739

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE	_ _ _ _ _ _ _ _	SB-20

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	05/27/2004 (m m d d y y y y)	05/27/2004 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1–12	BROWN, MOIST TO WET, SILTY CLAY WITH SOME SAND & FINE GRAVEL & LIME SLURRY	CL / LIME SLURRY									SOME ODOR
4-8			4–7	BROWN, DARK GRAY & BLACK, WET, SILTY CLAY WITH LIME SLURRY, BRICK FRAGMENTS, WOOD, SAND & GRAVEL (FILL)	CL / GW / LIME SLURRY / FILL									SOME ODOR
8-12			7–12	REFUSAL AT 7' BGS										

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

Signature: [signature] Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

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Department of Natural Resources

SOIL BORING LOG INFORMATION
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Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE		SB-21

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	05/27/2004 (m m d d y y y y)	05/27/2004 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
Lat ° ' "
Long ° ' "
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1–3	BLACK, BROWN & GRAY, DAMP TO MOIST, SILTY CLAY & SAND WITH FINE GRAVEL WITH SOME LIME SLURRY	CL / GW / LIME SLURRY									SLIGHT ODOR
4-8			3–4	REFUSAL AT 3' BGS										
8-12			4–12											

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

Signature: JD Hosler | Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

State of Wisconsin
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SOIL BORING LOG INFORMATION
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Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE	_ _ _ _ _ _ _ _	SB-22

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	05/27/2004 (m m/d d/y y y y)	05/27/2004 (m m/d d/y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1	BLACK, BROWN & GRAY, DAMP TO MOIST, SILTY CLAY & SAND WITH FINE GRAVEL WITH SOME LIME SLURRY	CL / GW / LIME SLURRY									SLIGHT ODOR
			2											
			3											
4-8			4	AS ABOVE, CHANGING TO 7' BGS TO GRAY, WET, SOFT SILTY CLAY WITH TRACE TO SOME COARSE SAND & FINE GRAVEL & VEGETATION	CL / GW / LIME SLURRY / CL										SLIGHT ODOR
			5											
			6											
			7											
8-12			8	BROWN & GRAY, WET, SOFT SILTY CLAY WITH SOME COARSE SAND & FINE GRAVEL	CL									SLIGHT ODOR
			9											
			10											
			11											
			12											

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

Signature: [signature] Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

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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
12-16			13 14 15 16	AS ABOVE, CHANGING AT 14' BGS TO GRAY, WET, LIME SLURRY	CL / LIME SLURRY									SOME ODOR
				BOTTOM OF BORING REFUSAL AT 16' BGS										

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Remediation/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE	_ _ _ _ _ _ _ _	SB-23

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	05/27/2004 (m m/d d/y y y y)	05/27/2004 (m m/d d/y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1–3	BROWN, MOIST TO WET, SILTY CLAY WITH TRACE SAND, GRAVEL, WOOD FRAGMENTS, & TRACE LIME SLURRY (FILL)	CL / LIME SLURRY									SLIGHT ODOR
4-8			4–7	MOTTLED BROWN & GRAY, MOIST, DENSE, SILTY CLAY	CL									NO ODOR
8-12			8–12	BOTTOM OF BORING										

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

Signature: JA Hosler | Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

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Remediation/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE	_ _ _ _ _ _ _ _	SB-24

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	05/27/2004 (m m d d y y y y)	05/27/2004 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _		_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1–4	SURFACE GRAVEL CHANGING TO BLACK, WET, GRAVEL CHANGING AT 2.5' BGS TO BLACK, WET, LOOSE SAND CHANGING AT 3' BGS TO BROWN, MOIST, SILTY CLAY WITH TRACE COARSE SAND	GP / SW / CL									NO ODOR
4-8			5–8	BROWN, MOIST TO WET, DENSE, SILTY CLAY CHANGING TO BROWNISH GRAY AT 7.5' BGS	CL									NO ODOR
8-12			8–12	BOTTOM OF BORING										

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

Signature: [signature] Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

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 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/Revelopment ☐ Other ☐ _____

WTM91 COORDINATES 683378, 283739

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE	_ _ _ _ _ _ _ _	SB-25

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	05/27/2004 (m m d d y y y y)	05/27/2004 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1–3	BROWN, MOIST, SILTY CLAY WITH TRACE COARSE SAND	CL									NO ODOR
4-8			4–7	BROWN, MOIST TO WET, SILTY CLAY WITH TRACE COARSE SAND	CL									NO ODOR
8-12			8–12	BOTTOM OF BORING										

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

Signature: J. Hosler | Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

WTM91 COORDINATES 683378, 283739 Page 1 of 2

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE		MW-1

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	08/02/2004 (m m d d y y y y)	08/02/2004 (m m d d y y y y)	HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	8.25 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts LOWEST 18"	Depth in Feet (Below ground surface)	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
0-2		11-12-18	1	BROWN, GRAY & BLACK, MOIST, SILTY CLAY FILL WITH SAND & GRAVEL	CL/GW									SOME ODOR
			2											
			3											
3-5		3-3-4	4	AS ABOVE, MOIST TO WET, LESS GRAVEL	CL/GW									SOME ODOR
			5											
			6											
6-8		4-4-3	7	AS ABOVE	CL/GW									SOME ODOR
			8											
			9											
9-11		2-4-3	10	AS ABOVE, WET	CL/GW									SOME ODOR
			11											
			12											

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

Signature	Firm
Jack Hosler	THE ENVIRONMENTAL MANAGEMENT CO LLC

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Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts LOWEST 18"	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
12-14		2-2-2	13	BLUISH GRAY, WET, LIME SLURRY	LIME SLURRY									SOME ODOR
			14											
			15											
15-17		1 FOR 1-2"-6	16	AS ABOVE	LIME SLURRY									SOME ODOR
			17											
			18											
18-20		4-6-14	19	BROWN, MOIST TO WET, SILTY CLAY WITH TRACE SAND	CL									SLIGHT ODOR
			20	BOTTOM OF BORING										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

WTM91 COORDINATES 683378, 283739 Page 1 of 2

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE		MW-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	08/02/2004 (m m d d y y y y)	08/02/2004 (m m d d y y y y)	HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	8.25 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E
_____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts LOWEST 18"	Depth in Feet (Below ground surface)	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
0-2		3-10-10	1	BLACK & BROWN, MOIST, SILTY CLAY FILL WITH SAND & GRAVEL	CL/GW									SOME ODOR
			2											
			3											
3-5		3-7-18	4	MOTTLED BROWN & GRAY, MOIST, SILTY CLAY WITH TRACE SAND & GRAVEL	CL									NO ODOR
			5											
			6											
6-8		4-14-19	7	AS ABOVE	CL									NO ODOR
			8											
			9											
9-11		10-19-27	10	AS ABOVE	CL									NO ODOR
			11											
			12											

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

Signature J. L. Hosler | Firm THE ENVIRONMENTAL MANAGEMENT CO LLC

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MW-2

Sample Number and Type	Sample Length Att. & Recovered (in.)	Blow Counts LOWEST 18"	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
12-14		7-13-17	13	MOTTLED BROWN & GRAY, MOIST TO WET, SILTY CLAY, CHANGING TO GRAY	CL									NO ODOR
			14											
			15											
15-17		5-8-11	16	GRAY, WET, SILTY CLAY	CL									NO ODOR
			17											
			18											
18-20		8-10-10	19	AS ABOVE	CL									NO ODOR
			20	BOTTOM OF BORING										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE		MW-3

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	08/02/2004 (m m d d y y y y)	08/02/2004 (m m d d y y y y)	HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	8.25 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
Lat ° ' " Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts LOWEST 18"	Depth in Feet (Below ground surface)	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
0-2		7-6-10	1-2	BROWN, BLACK & GRAY, MOIST TO WET, SILTY CLAY WITH SAND & GRAVEL (FILL)	CL/GW									SOME ODOR
			3											
3-5		8-8-10	4-5	AS ABOVE, WITH SEAMS OF BROWN, BLACK & GRAY, WET, CLAYEY SAND (FILL)	CL/GW/SC									SOME ODOR
			6											
6-8		5-8-12	7-8	MOTTLED BROWN & BLACK, MOIST TO WET, SILTY CLAY FILL CHANGING TO MOTTLED BROWN & GRAY, WET, SILTY CLAY WITH SOME SAND	CL									SOME ODOR
			9											
9-11		10-16-25	10-11	MOTTLED BROWN & GRAY, MOIST, SILTY CLAY	CL									NO ODOR
			12											

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

Signature: J.L. Hosler | Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

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MW-3

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts LOWEST 18"	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
12-14		14-15-19	13	MOTTLED BROWN & GRAY, WET, SILTY CLAY CHANGING AT 13' BGS TO GRAY	CL									NO ODOR
			15											
15-17		12-16-18	16	AS ABOVE, GRAY	CL									NO ODOR
			18											
18-20		5-7-9	19	AS ABOVE	CL									NO ODOR
			20	BOTTOM OF BORING										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ ______

WTM91 COORDINATES 683378, 283739

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE		MW-4

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	08/03/2004 (mm dd yyyy)	08/03/2004 (mm dd yyyy)	HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			______ Feet MSL	______ Feet MSL	8.25 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane ______ N, ______ E S/C/N
____ 1/4 of ____ 1/4 of Section ____, T ____ N, R ____ E/W
Lat ___ ° ___ ' ___ "
Long ___ ° ___ ' ___ "
Local Grid Location ______ Feet ☐ N ☐ S ______ Feet ☐ E ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts LOWEST 18"	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
0-2			0–2											
3-5			3–5											
6-8		6-6-7	6–8	BROWN, BLACK & GRAY, WET, SILTY CLAY WITH SAND & GRAVEL (FILL)	CL/GW									SOME ODOR
9-11		26 FOR 6"	9–11	NO RECOVERY - DRILLED LIKE GRAVEL/BROKEN CONCRETE AND/OR ROCK										

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

Signature: [signature] J. Hosler
Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

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MW-4

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts LOWEST 18"	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
12-14		12-12-12	13	MOTTLED GRAY & BLACK, WET, SILTY CLAY WITH TRACE COARSE SAND (FILL)	CL									
			14											
			15											
15-17			16											
			17											
			18											
18-20			19											
			20	BOTTOM OF BORING										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
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Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE	_ _ _ _ _ _ _ _	MW-5

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	08/03/2004 (m m d d y y y y)	08/03/2004 (m m d d y y y y)	HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	8.25 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts LOWEST 18"	Depth in Feet (Below ground surface)	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
0-2			1–2											
			3											
3-5			4–5											
			6											
6-8		5-5-4	7–8	BROWN, BLACK & GRAY, WET, SILTY CLAY FILL WITH SAND & GRAVEL	CL/GW									SOME ODOR
			9											
9-11		4-4-10	10–11	AS ABOVE	CL/GW									SOME ODOR
			12											

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

Signature: Joel Hosler Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

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MW-5

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts Lowest 18"	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
12-14		10-10-1	13	AS ABOVE, CHANGING AT 13.5' BGS TO BLUISH GRAY, WET, LIME SLURRY	LIME SLURRY									SOME ODOR
			14											
			15											
15-17		2-2-2	16	AS ABOVE	LIME SLURRY									SOME ODOR
			17											
			18											
18-20			19											
			20											
				BOTTOM OF BORING										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
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Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE	_ _ _ _ _ _ _ _	MW-6

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	08/03/2004	08/03/2004	HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	8.25 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	4 1	WEST ALLIS

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts (LOWEST 18")	Depth in Feet (Below ground surface)	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
			1–7	VERY HARD DRILLING FROM 0'-7' BGS - DRILLED LIKE CONCRETE, ROCK, OR GRAVEL										
7-9		5-5-4	8–9	BROWN, BLACK & GRAY, WET, SILTY CLAY WITH SAND & GRAVEL	CL/GW									SOME ODOR
9-11		7-7-7	10–11	NO RECOVERY										
			12											

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

Signature: [signature] Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

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MW-6

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts LOWEST 18"	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
12-14		26-2-2	13	BROWN, BLACK & GRAY, WET, SILTY CLAY WITH SAND & GRAVEL CHANGING AT 13' BGS TO BLUISH GRAY, WET, LIME SLURRY	CL / GW		LIME SLURRY							SOME ODOR
			14											
			15											
15-17		11-13-15	16	GRAY & BLACK, WET, SILTY CLAY WITH TRACE COARSE SAND	CL									SOME ODOR
			17											
			18											
18-20			19											
			20	BOTTOM OF BORING										

State of Wisconsin
Department of Natural Resources

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Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE	_ _ _ _ _ _ _ _	MW-7

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	08/03/2004 (m m d d y y y y)	08/03/2004 (m m d d y y y y)	HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	8.25 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	4 1	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts LOWEST 18"	Depth in Feet (Below ground surface)	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
0-2			1											
			2											
			3											
3-5		16-25-30	4	MOTTLED BROWN & GRAY, DAMP, SILTY CLAY WITH TRACE SAND	CL									NO ODOR
			5											
			6											
6-8		12-17-20	7	AS ABOVE, MOIST	CL									NO ODOR
			8											
			9											
9-11		7-11-16	10	AS ABOVE	CL									NO ODOR
			11											
			12											

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

Signature	Firm
J. L. Hosler	THE ENVIRONMENTAL MANAGEMENT CO LLC

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MW-7

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
			13											
			14											
			15											
			16											
			17											
			18											
			19											
			20											
			21											
			22											
			23											
			24											
			25	BOTTOM OF BORING										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

WTM91 COORDINATES 683378, 283739 Page 1 of 2

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE	_ _ _ _ _ _ _ _	MW-8

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL INC.	08/09/2004 (m m d d y y y y)	08/09/2004 (m m d d y y y y)	HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	8.25 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts LOWEST 18"	Depth in Feet (Below ground surface)	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											
2-4		9-3-12	3	BLACK, WET, CLAYEY SAND & GRAVEL WITH OIL CHANGING AT 3' BGS TO MOTTLED BROWN & GRAY, MOIST SILTY CLAY WITH TRACE SAND	GC / CL									STRONG ODOR / SOME ODOR
			4											
4-6		13-19-22	5	MOTTLED BROWN & GRAY, MOIST TO WET, SILTY CLAY WITH TRACE SAND	CL									NO ODOR
			6											
			7											
7-9		10-13-16	8	BROWN, WET, SILTY CLAY	CL									NO ODOR
			9											
			10											
			11											
			12											

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

Signature [signature] Firm THE ENVIRONMENTAL MANAGEMENT CO LLC

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Number and Type	Length Recovered	Blow Co	Depth in	And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Compress Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comment
12-14			13											
			14											
15-17			15											
			16											
			17											
18-20			18											
			19											
			20	BOTTOM OF BORING										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

WTM91 COORDINATES 683378, 283739 Page 1 of 2

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE	_ _ _ _ _ _ _ _	MW-9

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	08/09/2004 (m m d d y y y y)	08/09/2004 (m m d d y y y y)	HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	8.25 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts LOWEST 18"	Depth in Feet (Below ground surface)	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
1-3		13-15-15	1 2 3	GRAY, WET, CLAYEY GRAVEL	GC									
4-6		18-4-5	4 5 6	NO RECOVERY										
7-9		6-8-14	7 8 9	NO RECOVERY										
10-12			10 11 12											

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

Signature JR Hosler | Firm THE ENVIRONMENTAL MANAGEMENT CO LLC

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MW-9

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
12-14			13											
			14											
			15											
15-17			16											
			17											
			18											
18-20			19											
			20	BOTTOM OF BORING										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

WTM91 COORDINATES 683378, 283739 Page 1 of 2

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE		MW-10

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	08/09/2004 (m m d d y y y y)	08/09/2004 (m m d d y y y y)	HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	8.25 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts LOUEST 18"	Depth in Feet (Below ground surface)	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
1-3		8-8-10	1-3	MOTTLED BROWN & GRAY, MOIST TO WET, SILTY CLAY FILL WITH ROOTS & TRACE SAND	CL									SOME ODOR
4-6		6-8-14	4-6	BROWN, MOIST, SILTY CLAY WITH TRACE SAND	CL									NO ODOR
7-9		8-8-13	7-9	AS ABOVE	CL									NO ODOR
10-12			10-12											

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

Signature JK Hosler | Firm THE ENVIRONMENTAL MANAGEMENT CO LLC

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Number and Type	Length Recovered	Blow Co	Depth in	And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Compressi Streigth	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
12-14			13											
			14											
			15											
15-17			16											
			17											
			18											
18-20			19											
			20	BOTTOM OF BORING										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

WTM91 COORDINATES 683378, 283739 Page 1 of 2

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE	_ _ _ _ _ _ _ _	MW-11

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	08/09/2004 (m m d d y y y y)	08/09/2004 (m m d d y y y y)	HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	8.25 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts LOWEST 18"	Depth in Feet (Below ground surface)	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											
1-3		5-4-4	2	BROWN, MOIST TO WET, SILTY CLAY FILL WITH SOME SAND & TRACE LIME SLURRY	CL									SOME ODOR
			3											
			4											
4-6		4-5-7	5	BROWN, MOIST TO WET, SILTY CLAY FILL	CL									SLIGHT ODOR
			6											
			7											
7-9		9-13-25	8	MOTTLED BROWN & GRAY, MOIST, SILTY CLAY WITH TRACE SAND	CL									NO ODOR
			9											
			10											
10-12			11											
			12											

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

Signature JK Hosler | Firm THE ENVIRONMENTAL MANAGEMENT CO LLC

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Sample		Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
			13											
			14											
			15											
			16											
			17											
			18											
			19											
			20											
			21											
			22											
			23											
			24											
			25	BOTTOM OF BORING										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

WTM91 COORDINATES 683378, 283739 Page 1 of 2

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE	_ _ _ _ _ _ _ _	MW-12

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	08/10/2004 (m m d d y y y y)	08/10/2004 (m m d d y y y y)	HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	8.25 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts LOWEST 18"	Depth in Feet (Below ground surface)	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											
1-3		8-9-9	2	BROWN, MOIST, SILTY CLAY FILL WITH SOME SAND & GRAVEL & TRACE LIME SLURRY	CL									NO ODOR
			3											
			4											
4-6		4-2-2	5	AS ABOVE	CL									NO ODOR
			6											
			7											
7-9		2-2-2	8	AS ABOVE, WET	CL									NO ODOR
			9											
			10											
10-12		3-3-11	11	AS ABOVE	CL									NO ODOR
			12											

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

Signature	Firm
J R Hosler	THE ENVIRONMENTAL MANAGEMENT CO LLC

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Number and Typ	Length Recover	Blow C	Depth i	Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Compres Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Commen
			13 14	HARD DRILLING, WITH GRAVEL	CL / GC									
			15 16 17 18	BLUISH GRAY, WET, LIME SLURRY	LIME SLURRY									
			19	BLACK, WET, ORGANIC SILT - THIN SEAM - CHANGING TO BROWN, WET SILTY CLAY WITH SOME SAND & GRAVEL	OL / CL									
			20	BOTTOM OF BORING										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

WTM91 COORDINATES 683378, 283739 Page 1 of 2

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE		MW-13

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	08/10/2004 (m m d d y y y y)	08/10/2004 (m m d d y y y y)	HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	8.25 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
Lat ____ ° ____ ' ____ "
Long ____ ° ____ ' ____ "
Local Grid Location ☐ N ☐ E
_____ Feet ☐ S _____ Feet ☐ W
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts LOWEST 18"	Depth in Feet (Below ground surface)	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
1-3		9-13-14	1 2 3	BROWN, WET, SILTY CLAY, WITH TRACE SAND	CL									NO ODOR
4-6		9-13-21	4 5 6	MOTTLED BROWN & GRAY, MOIST, SILTY CLAY WITH TRACE SAND	CL									NO ODOR
7-9		11-18-30	7 8 9	AS ABOVE	CL									NO ODOR
10-12			10 11 12											

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

Signature JK Hosler | Firm THE ENVIRONMENTAL MANAGEMENT CO LLC

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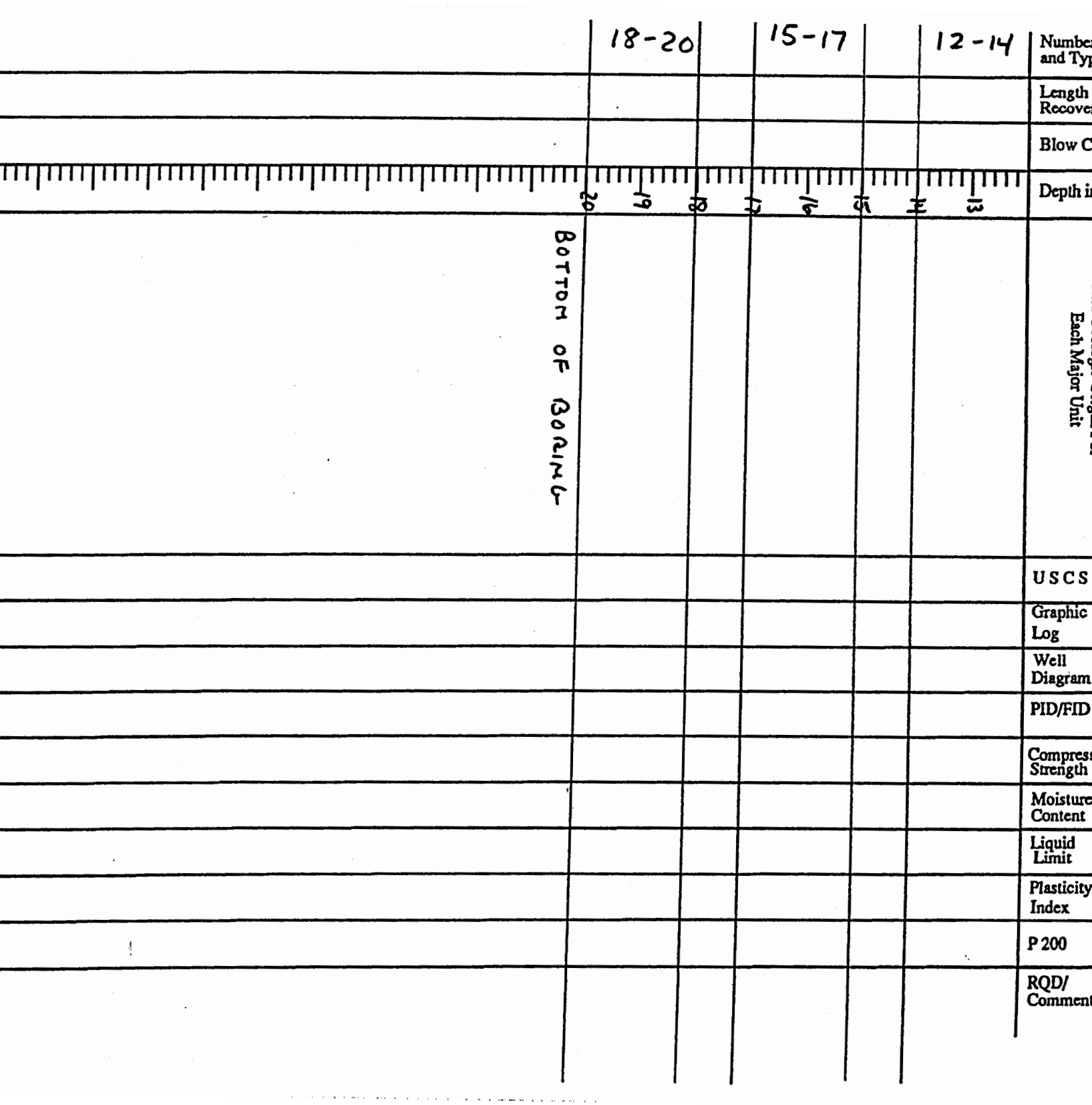
18-20
15-17
12-14
Number and Typ
Length Recove
Blow C
Depth i
20
19
18
17
16
15
14
13
BOTTOM OF BORING
Each Major Unit
USCS
Graphic Log
Well Diagram
PID/FID
Compres Strength
Moisture Content
Liquid Limit
Plasticity Index
P 200
RQD/ Comment

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

WTM91 COORDINATES 683378, 283739 Page 1 of 2

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
NOVAK SITE	_ _ _ _ _ _ _ _	MW-14

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	08/10/2004 (m m d d y y y y)	08/10/2004 (m m d d y y y y)	HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	8.25 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	41	WEST ALLIS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts LOWEST 18"	Depth in Feet (Below ground surface)	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
1-3		13-25 FOR 2"	1 2 3	BROWN & BLACK, MOIST TO WET, SILTY CLAY FILL WITH SOME SAND & GRAVEL & TRACE LIME SLURRY	CL									SOME ODOR
4-6		5-9-49	4 5 6	AS ABOVE, WET	CL									SOME ODOR
7-9			7 8 9											
10-12			10 11 12											

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

Signature: J. R. Hosler Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

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MW-14

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
			13	HARD DRILLING, WITH GRAVEL	CL / GC									
			15	BLUISH GRAY, WET, LIME SLURRY	LIME SLURRY									
			19	BLACK, WET ORGANIC SILT - THIN SEAM - CHANGING TO BROWN, WET SILTY CLAY WITH SOME SAND & GRAVEL	OL / CL									
			20	BOTTOM OF BORING										

APPENDIX C

SOIL BORING ABANDONMENT FORMS

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 3-95

ll abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, hichever is applicable. Also, see instructions on back. WTM91 COORDINATES 683378, 283739

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-11

County: MILWAUKEE

___ 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

Street Address of Well: 1960 SOUTH 67TH PLACE

City, Village: WEST ALLIS

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

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

WI Unique Well No.

Reason For Abandonment: GEOPROBE SOIL BORING FOR SOIL CONTAMINATION INVESTIGATION

Date of Abandonment: 26MAY04

WELL/DRILLHOLE/BOREHOLE INFORMATION

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

(Date) 26MAY04

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify) DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 8 (From groundsurface)

Casing Diameter (in.) N/A

Casing Depth (ft.) N/A

Lower Drillhole Diameter (in.) 2

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

If Yes, To What Depth? N/A 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: NO CASING USED SOIL BORING ONLY

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) GRAVITY

(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
GRANULAR BENTONITE	Surface	8		

(8) Comments: MORAINE ENVIRONMENTAL, INC. SUBCONTRACTED TO TEMCO

(9) Name of Person or Firm Doing Sealing Work: MORAINE ENVIRONMENTAL, INC.

Signature of Person Doing Work: J.A. Hosler/TEMCO Date Signed

Street or Route: P.O. BOX 856 Telephone Number: (262) 675-6206

City, State, Zip Code: CEDARBURG WI 53012

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/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. 3-95

ll abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, hichever is applicable. Also, see instructions on back. WTM91 COORDINATES 683378, 283739

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-12
County: MILWAUKEE
___ 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:
Street Address of Well: 1960 SOUTH 67TH PLACE
City, Village: WEST ALLIS

(2) FACILITY NAME

Original Well Owner (If Known):
Present Well Owner:
Street or Route:
City, State, Zip Code:
Facility Well No. and/or Name (If Applicable):
WI Unique Well No.: _ _ _ _ _ _
Reason For Abandonment: GEOPROBE SOIL BORING FOR SOIL CONTAMINATION INVESTIGATION
Date of Abandonment: 26MAY04

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On
(Date): 26MAY04

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify): DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) (From groundsurface): 8
Casing Diameter (in.): N/A
Casing Depth (ft.): N/A

Lower Drillhole Diameter (in.): 2

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? N/A 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: NO CASING USED SOIL BORING ONLY

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): GRAVITY

(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
GRANULAR BENTONITE	Surface	8		

(8) Comments: MORAINE ENVIRONMENTAL, INC. SUBCONTRACTED TO TEMCO

(9) Name of Person or Firm Doing Sealing Work
MORAINE ENVIRON MENTAL, INC.
Signature of Person Doing Work: J. Hoslin/TEMCO
Date Signed:
Street or Route: P.O. BOX 856
Telephone Number: (262) 675-6206
City, State, Zip Code: CEDARBURG WI 53012

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/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. 3-95

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(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-13
County: MILWAUKEE
___ 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:
Street Address of Well: 1960 SOUTH 67TH PLACE
City, Village: WEST ALLIS

(2) FACILITY NAME

Original Well Owner (If Known):
Present Well Owner:
Street or Route:
City, State, Zip Code:
Facility Well No. and/or Name (If Applicable):
WI Unique Well No.:
Reason For Abandonment: GEOPROBE SOIL BORING FOR SOIL CONTAMINATION INVESTIGATION
Date of Abandonment: 26MAY04

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date): 26MAY04

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify): DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) (From groundsurface): 3
Casing Diameter (in.): N/A
Casing Depth (ft.): N/A
Lower Drillhole Diameter (in.): 2
Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? N/A 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: NO CASING USED SOIL BORING ONLY
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): GRAVITY

(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
GRANULAR BENTONITE	Surface	3			

(8) Comments: MORAINE ENVIRONMENTAL, INC. SUBCONTRACTED TO TEMCO

(9) Name of Person or Firm Doing Sealing Work: MORAINE ENVIRONMENTAL, INC.
Signature of Person Doing Work: [signature] /TEMCO
Date Signed:
Street or Route: P.O. BOX 856
Telephone Number: (262) 675-6206
City, State, Zip Code: CEDARBURG WI 53012

(10) FOR DNR OR COUNTY USE ONLY
Date Received/Inspected | District/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. 3-95

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(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-14
County: MILWAUKEE

___ 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:

Street Address of Well: 1960 SOUTH 67TH PLACE

City, Village: WEST ALLIS

(2) FACILITY NAME

Original Well Owner (If Known):

Present Well Owner:

Street or Route:

City, State, Zip Code:

Facility Well No. and/or Name (If Applicable):
WI Unique Well No.: — — — — —

Reason For Abandonment: GEOPROBE SOIL BORING FOR SOIL CONTAMINATION INVESTIGATION

Date of Abandonment: 26MAY04

WELL/DRILLHOLE/BOREHOLE INFORMATION

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

(Date) 26MAY04

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify) DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 8
(From groundsurface)
Casing Diameter (in.) N/A
Casing Depth (ft.) N/A

Lower Drillhole Diameter (in.) 2

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? N/A 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: NO CASING USED SOIL BORING ONLY

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) GRAVITY

(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
GRANULAR BENTONITE	Surface	8			

(8) Comments: MORAINE ENVIRONMENTAL, INC. SUBCONTRACTED TO TEMCO

(9) Name of Person or Firm Doing Sealing Work: MORAINE ENVIRONMENTAL, INC.

Signature of Person Doing Work: [signature] /TEMCO
Date Signed:

Street or Route: P.O. BOX 856
Telephone Number: (262) 675-6206

City, State, Zip Code: [illegible]

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/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. 3-95

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(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-15

County: MILWAUKEE

___ 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

Street Address of Well: 1960 SOUTH 67TH PLACE

City, Village: WEST ALLIS

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

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

WI Unique Well No. _ _ _ _ _ _

Reason For Abandonment: GEOPROBE SOIL BORING FOR SOIL CONTAMINATION INVESTIGATION

Date of Abandonment: 26MAY04

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date): 26MAY04

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify): DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) (From groundsurface): 8

Casing Diameter (in.): N/A

Casing Depth (ft.): N/A

Lower Drillhole Diameter (in.): 2

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? N/A 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: NO CASING USED SOIL BORING ONLY

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): GRAVITY

(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
GRANULAR BENTONITE	Surface	8		

(8) Comments: MORAINE ENVIRONMENTAL, INC. SUBCONTRACTED TO TEMCO

(9) Name of Person or Firm Doing Sealing Work: MORAINE ENVIRON MENTAL, INC.

Signature of Person Doing Work: J A Hosler/TEMCO

Date Signed:

Street or Route: P.O. BOX 856

Telephone Number: (262) 675-6206

City, State, Zip Code: CEDARBURG WI 53012

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/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. 3-95

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(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-16
County: MILWAUKEE

___ 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

Street Address of Well: 1960 SOUTH 67TH PLACE

City, Village: WEST ALLIS

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable) | WI Unique Well No.

Reason For Abandonment: GEOPROBE SOIL BORING FOR SOIL CONTAMINATION INVESTIGATION

Date of Abandonment: 26MAY04

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On
(Date) 26MAY04

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify) DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 4 (From groundsurface)
Casing Diameter (in.) N/A
Casing Depth (ft.) N/A

Lower Drillhole Diameter (in.) 2

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? N/A 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 NO CASING USED SOIL BORING ONLY
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) GRAVITY

(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
GRANULAR BENTONITE	Surface	4		

(8) Comments: MORAINE ENVIRONMENTAL, INC. SUBCONTRACTED TO TEMCO

(9) Name of Person or Firm Doing Sealing Work
MORAINE ENVIRON MENTAL, INC.
Signature of Person Doing Work: J. Hosler/TEMCO | Date Signed
Street or Route: P.O. BOX 856 | Telephone Number: (262) 675-6206
City, State, Zip Code: GENARBURG WI 53012

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/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. 3-95

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(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-17
County: MILWAUKEE
___ 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
Street Address of Well: 1960 SOUTH 67TH PLACE
City, Village: WEST ALLIS

(2) FACILITY NAME

Original Well Owner (If Known)
Present Well Owner
Street or Route
City, State, Zip Code
Facility Well No. and/or Name (If Applicable)
WI Unique Well No.
Reason For Abandonment: GEOPROBE SOIL BORING FOR SOIL CONTAMINATION INVESTIGATION
Date of Abandonment: 26MAY04

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On
(Date) 26MAY04

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify) DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 4 (From groundsurface)
Casing Diameter (in.) N/A
Casing Depth (ft.) N/A

Lower Drillhole Diameter (in.) 2

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? N/A 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 NO CASING USED SOIL BORING ONLY
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) GRAVITY

(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
GRANULAR BENTONITE	Surface	4		

(8) Comments: MORAINE ENVIRONMENTAL, INC. SUBCONTRACTED TO TEMCO

(9) Name of Person or Firm Doing Sealing Work
MORAINE ENVIRONMENTAL, INC.
Signature of Person Doing Work: J.A. Hosler/TEMCO
Date Signed
Street or Route: P.O. BOX 856
Telephone Number: (262) 675-6206
City, State, Zip Code: GENARAIR WI 53012

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/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. 3-95

I abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, ıichever is applicable. Also, see instructions on back. WTM91 COORDINATES 683378, 283739

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-18
County: MILWAUKEE

___ 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

Street Address of Well: 1960 SOUTH 67TH PLACE

City, Village: WEST ALLIS

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable) | WI Unique Well No.

Reason For Abandonment: GEOPROBE SOIL BORING FOR SOIL CONTAMINATION INVESTIGATION

Date of Abandonment: 27MAY04

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On
(Date) 27MAY04

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify) DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 8 (From groundsurface)
Casing Diameter (in.) N/A
Casing Depth (ft.) N/A

Lower Drillhole Diameter (in.) 2

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? N/A 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: NO CASING USED SOIL BORING ONLY

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) GRAVITY

(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
GRANULAR BENTONITE	Surface	8		

(8) Comments: MORAINE ENVIRONMENTAL, INC. SUBCONTRACTED TO TEMCO

(9) Name of Person or Firm Doing Sealing Work
MORAINE ENVIRONMENTAL, INC.

Signature of Person Doing Work: J.A. Hosler/TEMCO | Date Signed

Street or Route: P.O. BOX 856 | Telephone Number: (262) 675-6206

City, State, Zip Code: GENOA CITY WI 53128

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/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. 3-95

l abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, hichever is applicable. Also, see instructions on back. WTM91 COORDINATES 683378, 283739

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-19

County: MILWAUKEE

___ 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

Street Address of Well: 1960 SOUTH 67TH PLACE

City, Village: WEST ALLIS

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

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

WI Unique Well No.

Reason For Abandonment: GEOPROBE SOIL BORING FOR SOIL CONTAMINATION INVESTIGATION

Date of Abandonment: 27MAY04

WELL/DRILLHOLE/BOREHOLE INFORMATION

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

(Date) 27MAY04

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify) DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 10 (From groundsurface)

Casing Diameter (in.) N/A

Casing Depth (ft.) N/A

Lower Drillhole Diameter (in.) 2

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

If Yes, To What Depth? N/A 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 NO CASING USED SOIL BORING ONLY
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) GRAVITY

(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
GRANULAR BENTONITE	Surface	10		

(8) Comments: MORAINE ENVIRONMENTAL, INC. SUBCONTRACTED TO TEMCO

(9) Name of Person or Firm Doing Sealing Work: MORAINE ENVIRONMENTAL, INC.

Signature of Person Doing Work: J. Hosler/TEMCO Date Signed

Street or Route: P.O. BOX 856 Telephone Number: (262) 675-6206

City, State, Zip Code: GENOA, WI 53128

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/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. 3-95

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(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-20 | County: MILWAUKEE

___ 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

Street Address of Well: 1960 SOUTH 67TH PLACE

City, Village: WEST ALLIS

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable) | WI Unique Well No. _ _ _ _ _ _

Reason For Abandonment: GEOPROBE SOIL BORING FOR SOIL CONTAMINATION INVESTIGATION

Date of Abandonment: 27MAY04

WELL/DRILLHOLE/BOREHOLE INFORMATION

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

(Date): 27MAY04

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify): DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 7 (From groundsurface)

Casing Diameter (in.) N/A
Casing Depth (ft.) N/A

Lower Drillhole Diameter (in.) 2

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? N/A 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: NO CASING USED SOIL BORING ONLY

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) GRAVITY

(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
GRANULAR BENTONITE	Surface	7		

(8) Comments: MORAINE ENVIRONMENTAL, INC. SUBCONTRACTED TO TEMCO

(9) Name of Person or Firm Doing Sealing Work
MORAINE ENVIRONMENTAL, INC.

Signature of Person Doing Work: J. Hosler/TEMCO | Date Signed

Street or Route: P.O. BOX 856 | Telephone Number: (262) 675-6206

City, State, Zip Code: GENARAUR WI 53012

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/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. 3-95

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(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-21
County: MILWAUKEE

___ 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

Street Address of Well: 1960 SOUTH 67TH PLACE

City, Village: WEST ALLIS

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable) | WI Unique Well No. ___ ___ ___ ___

Reason For Abandonment: GEOPROBE SOIL BORING FOR SOIL CONTAMINATION INVESTIGATION

Date of Abandonment: 27MAY04

WELL/DRILLHOLE/BOREHOLE INFORMATION

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

(Date): 27MAY04

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify): DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) (From groundsurface): 3
Casing Diameter (in.): N/A
Casing Depth (ft.): N/A

Lower Drillhole Diameter (in.): 2

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? N/A 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: NO CASING USED SOIL BORING ONLY
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): GRAVITY

(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
GRANULAR BENTONITE	Surface	3		

(8) Comments: MORAINE ENVIRONMENTAL, INC. SUBCONTRACTED TO TEMCO

(9) Name of Person or Firm Doing Sealing Work: MORAINE ENVIRONMENTAL, INC.

Signature of Person Doing Work: G.A. Hoslin/TEMCO | Date Signed

Street or Route: P.O. BOX 856 | Telephone Number: (262) 675-6206

City, State, Zip Code: GENARAIR WI 53012

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/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. 3-95

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(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-22
County: MILWAUKEE

___ 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

Street Address of Well: 1960 SOUTH 67TH PLACE

City, Village: WEST ALLIS

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable) | WI Unique Well No. _ _ _ _ _ _

Reason For Abandonment: GEOPROBE SOIL BORING FOR SOIL CONTAMINATION INVESTIGATION

Date of Abandonment: 27MAY04

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date): 27MAY04

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify): DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 16 (From groundsurface)
Casing Diameter (in.) N/A
Casing Depth (ft.) N/A

Lower Drillhole Diameter (in.) 2

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? N/A 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: NO CASING USED SOIL BORING ONLY

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): GRAVITY

(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
GRANULAR BENTONITE	Surface	16		

(8) Comments: MORAINE ENVIRONMENTAL, INC. SUBCONTRACTED TO TEMCO

(9) Name of Person or Firm Doing Sealing Work: MORAINE ENVIRONMENTAL, INC.
Signature of Person Doing Work: J. Hosler/TEMCO | Date Signed
Street or Route: P.O. BOX 856 | Telephone Number: (262) 675-6206
City, State, Zip Code: CEDARBURG WI 53012

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/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. 3-95

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(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-23
County: MILWAUKEE

___ 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

Street Address of Well: 1960 SOUTH 67TH PLACE

City, Village: WEST ALLIS

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable) | WI Unique Well No. _ _ _ _ _ _

Reason For Abandonment: GEOPROBE SOIL BORING FOR SOIL CONTAMINATION INVESTIGATION

Date of Abandonment: 27MAY04

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date): 27MAY04

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify): DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) (From groundsurface): 8
Casing Diameter (in.): N/A
Casing Depth (ft.): N/A

Lower Drillhole Diameter (in.): 2

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? N/A 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: NO CASING USED SOIL BORING ONLY

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): GRAVITY

(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
GRANULAR BENTONITE	Surface	8		

(8) Comments: MORAINE ENVIRONMENTAL, INC. SUBCONTRACTED TO TEMCO

(9) Name of Person or Firm Doing Sealing Work: MORAINE ENVIRONMENTAL, INC.
Signature of Person Doing Work: JA Hosler/TEMCO | Date Signed
Street or Route: P.O. BOX 856 | Telephone Number: (262) 675-6206
City, State, Zip Code: CEDARBURG WI 53012

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/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. 3-95

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(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-24
County: MILWAUKEE

___ 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

Street Address of Well: 1960 SOUTH 67TH PLACE

City, Village: WEST ALLIS

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable) | WI Unique Well No. _ _ _ _ _ _

Reason For Abandonment: GEOPROBE SOIL BORING FOR SOIL CONTAMINATION INVESTIGATION

Date of Abandonment: 27MAY04

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On
(Date) 27 MAY 04

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify) DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 8 (From groundsurface)
Casing Diameter (in.) N/A
Casing Depth (ft.) N/A

Lower Drillhole Diameter (in.) 2

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? N/A 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: NO CASING USED SOIL BORING ONLY

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) GRAVITY

(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
GRANULAR BENTONITE	Surface	8		

(8) Comments: MORAINE ENVIRONMENTAL, INC. SUBCONTRACTED TO TEMCO

(9) Name of Person or Firm Doing Sealing Work
MORAINE ENVIRON MENTAL, INC.

Signature of Person Doing Work: J. Hosler/TEMCO | Date Signed

Street or Route: P.O. BOX 856 | Telephone Number: (262) 675-6206

City, State, Zip Code: CEDARBURG WI 53012

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/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. 3-95

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(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-25

County: MILWAUKEE

___ 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

Street Address of Well: 1960 SOUTH 67TH PLACE

City, Village: WEST ALLIS

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

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

WI Unique Well No.

Reason For Abandonment: GEOPROBE SOIL BORING FOR SOIL CONTAMINATION INVESTIGATION

Date of Abandonment: 27MAY04

WELL/DRILLHOLE/BOREHOLE INFORMATION

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

(Date) 27MAY04

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify) DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 8 (From groundsurface)

Casing Diameter (in.) N/A

Casing Depth (ft.) N/A

Lower Drillhole Diameter (in.) 2

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

If Yes, To What Depth? N/A 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: NO CASING USED SOIL BORING ONLY

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) GRAVITY

(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
GRANULAR BENTONITE	Surface	8		

(8) Comments: MORAINE ENVIRONMENTAL, INC. SUBCONTRACTED TO TEMCO

(9) Name of Person or Firm Doing Sealing Work
MORAINE ENVIROMENTAL, INC.

Signature of Person Doing Work: G A Hoslin/TEMCO

Date Signed

Street or Route: P.O. BOX 856

Telephone Number: (262) 675-6206

City, State, Zip Code: GENARBURG WI 53012

(10) FOR DNR OR COUNTY USE ONLY

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

APPENDIX D

MONITORING WELL CONSTRUCTION DIAGRAMS

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: NOVAK SITE	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-1
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 08/02/2004 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: _____ 1/4 of _____ 1/4 of Sec. _____, T. _____ N, R. _____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: HORAINE ENVIRONMENTAL, INC.
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: _____
		WTM91 X = 683378, Y = 283739

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation 731.52 ft. MSL

C. Land surface elevation 728.7 ft. MSL

D. Surface seal, bottom _____ 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):
N/A

E. Bentonite seal, top _____ ft. MSL or 1.0 ft.

F. Fine sand, top _____ ft. MSL or 4.0 ft.

G. Filter pack, top _____ ft. MSL or 5.0 ft.

H. Screen joint, top _____ ft. MSL or 5.0 ft.

I. Well bottom _____ ft. MSL or 20.0 ft.

J. Filter pack, bottom _____ ft MSL or 20.0 ft.

K. Borehole, bottom _____ ft MSL or 20.0 ft.

L. Borehole, diameter 8.3 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: 4.0 in.
b. Length: 5.0 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. BADGER
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 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 DIETRICH
c. Slot size: 0.010 in.
d. Slotted length: 15.0 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: [signature] Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

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

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: NOVAK SITE	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-2
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 08/02/2004 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: ____ 1/4 of ____ 1/4 of Sec, ____, T. ____ N, R. ____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: MORAINE ENVIRONMENTAL, INC.
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: _____	WTM 91 X = 683378, Y = 283739

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation 730.83 ft. MSL

C. Land surface elevation 727.4 ft. MSL

D. Surface seal, bottom _____ 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): N/A

E. Bentonite seal, top _____ ft. MSL or 1.0 ft.

F. Fine sand, top _____ ft. MSL or 4.0 ft.

G. Filter pack, top _____ ft. MSL or 5.0 ft.

H. Screen joint, top _____ ft. MSL or 5.0 ft.

I. Well bottom _____ ft. MSL or 20.0 ft.

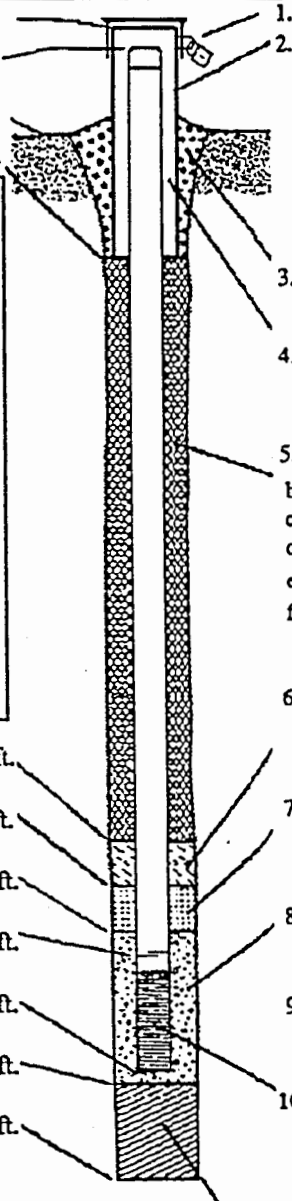
J. Filter pack, bottom _____ ft. MSL or 20.0 ft.

K. Borehole, bottom _____ ft. MSL or 20.0 ft.

L. Borehole, diameter 8.3 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: 4.0 in.
b. Length: 5.0 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. BADGER
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 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 DIETRICH
c. Slot size: 0.010 in.
d. Slotted length: 15.0 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: [signature] Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

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

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: NOVAK SITE	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-3
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 08/02/2004 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: _____ 1/4 of _____ 1/4 of Sec. _____, T. _____ N, R. _____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: HORAINE ENVIRONMENTAL, INC.
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: _____	WTM91 X=683378, Y=283739

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation 725.15 ft. MSL

C. Land surface elevation 722.0 ft. MSL

D. Surface seal, bottom _____ 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):
N/A

E. Bentonite seal, top _____ ft. MSL or 1.0 ft.

F. Fine sand, top _____ ft. MSL or 4.0 ft.

G. Filter pack, top _____ ft. MSL or 5.0 ft.

H. Screen joint, top _____ ft. MSL or 5.0 ft.

I. Well bottom _____ ft. MSL or 20.0 ft.

J. Filter pack, bottom _____ ft. MSL or 20.0 ft.

K. Borehole, bottom _____ ft. MSL or 20.0 ft.

L. Borehole, diameter 8.3 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: 4.0 in.
b. Length: 5.0 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. BADGER
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 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 DIETRICH
c. Slot size: 0.010 in.
d. Slotted length: 15.0 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: [signature] Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

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: NOVAK SITE	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-4
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 08/03/2004 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: _____ 1/4 of _____ 1/4 of Sec. _____, T. _____ N, R. _____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: MORAINE ENVIRONMENTAL, INC.
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	WTM91 X = 683378, Y = 283739

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation 723.94 ft. MSL

C. Land surface elevation 721.0 ft. MSL

D. Surface seal, bottom _____ 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): N/A

E. Bentonite seal, top _____ ft. MSL or 1.0 ft.

F. Fine sand, top _____ ft. MSL or 4.0 ft.

G. Filter pack, top _____ ft. MSL or 5.0 ft.

H. Screen joint, top _____ ft. MSL or 5.0 ft.

I. Well bottom _____ ft. MSL or 20.0 ft.

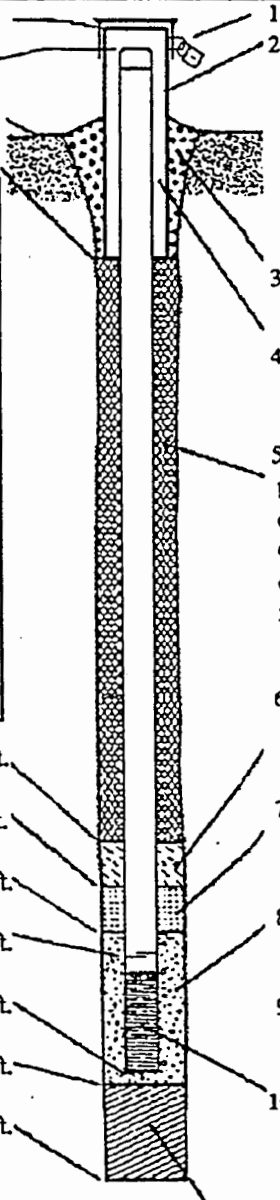
J. Filter pack, bottom _____ ft. MSL or 20.0 ft.

K. Borehole, bottom _____ ft. MSL or 20.0 ft.

L. Borehole, diameter 8.3 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: 4.0 in.
b. Length: 5.0 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. BADGER
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 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 DIETRICH
c. Slot size: 0.010 in.
d. Slotted length: 15.0 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: [signature] Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

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

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: NOVAK SITE	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-5
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 08/03/2004 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: _____ 1/4 of _____ 1/4 of Sec. _____, T. _____ N, R. _____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: MORAINE ENVIRONMENTAL, INC.
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: _____
		WTM91 X = 683378, Y = 283739

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation 723.89 ft. MSL
C. Land surface elevation 720.7 ft. MSL
D. Surface seal, bottom _____ 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): N/A

E. Bentonite seal, top _____ ft. MSL or 1.0 ft.
F. Fine sand, top _____ ft. MSL or 4.0 ft.
G. Filter pack, top _____ ft. MSL or 5.0 ft.
H. Screen joint, top _____ ft. MSL or 5.0 ft.
I. Well bottom _____ ft. MSL or 20.0 ft.
J. Filter pack, bottom _____ ft. MSL or 20.0 ft.
K. Borehole, bottom _____ ft. MSL or 20.0 ft.
L. Borehole, diameter 8.3 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: 4.0 in.
b. Length: 5.0 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. BADGER
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. 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 DIETRICH
c. Slot size: 0.010 in.
d. Slotted length: 15.0 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: [signature] Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

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

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: NOVAK SITE	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-6
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 08/03/2004 (m m d d y y y y)
Type of Well — Well Code 11 / MW	Section Location of Waste/Source: _____ 1/4 of _____ 1/4 of Sec. _____, T. _____ N, R. _____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: HORAINE ENVIRONMENTAL, INC.
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: _____
		WTM91 X=683378, Y=283739

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation 724.84 ft. MSL

C. Land surface elevation 721.6 ft. MSL

D. Surface seal, bottom _____ 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):
N/A

E. Bentonite seal, top _____ ft. MSL or 1.0 ft.

F. Fine sand, top _____ ft. MSL or 4.0 ft.

G. Filter pack, top _____ ft. MSL or 5.0 ft.

H. Screen joint, top _____ ft. MSL or 5.0 ft.

I. Well bottom _____ ft. MSL or 20.0 ft.

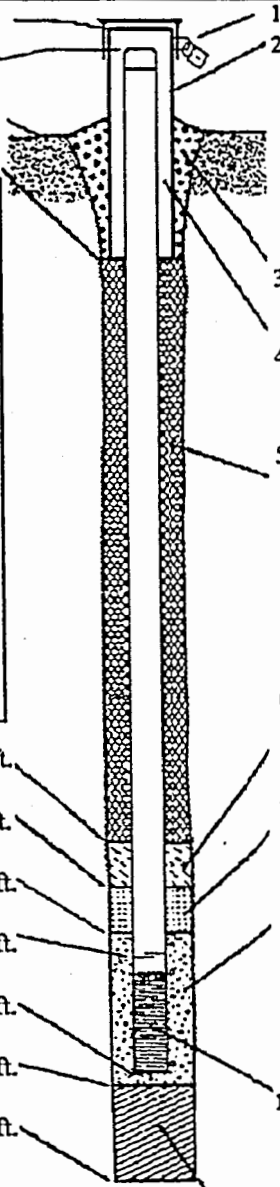
J. Filter pack, bottom _____ ft MSL or 20.0 ft.

K. Borehole, bottom _____ ft MSL or 20.0 ft.

L. Borehole, diameter 8.3 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: 4.0 in.
b. Length: 5.0 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. BADGER
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 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 DIETRICH
c. Slot size: 0.010 in.
d. Slotted length: 15.0 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: [signature] Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

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

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: NOVAK SITE	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-7
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 08/03/2004 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: _____ 1/4 of _____ 1/4 of Sec. _____, T. _____ N, R. _____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: HORAINE ENVIRONMENTAL, INC.
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 _____	WTM91 X = 683378, Y = 283739

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation 726.73 ft. MSL

C. Land surface elevation 723.5 ft. MSL

D. Surface seal, bottom _____ 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): N/A

E. Bentonite seal, top _____ ft. MSL or 1.0 ft.

F. Fine sand, top _____ ft. MSL or 8.0 ft.

G. Filter pack, top _____ ft. MSL or 10.0 ft.

H. Screen joint, top _____ ft. MSL or 15.0 ft.

I. Well bottom _____ ft. MSL or 25.0 ft.

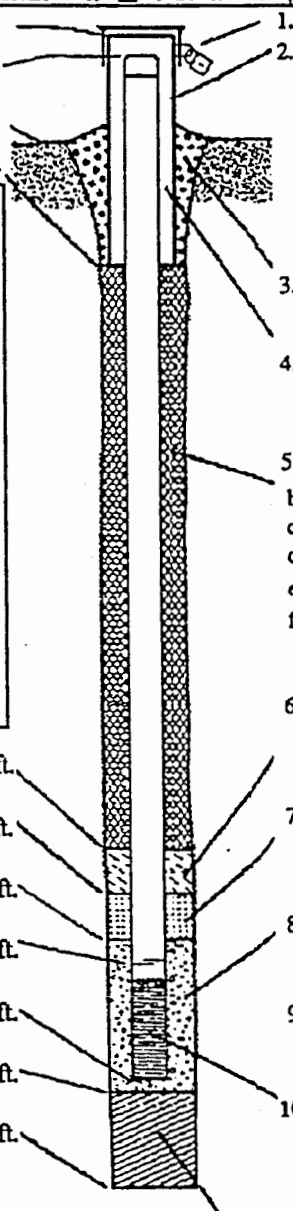
J. Filter pack, bottom _____ ft. MSL or 25.0 ft.

K. Borehole, bottom _____ ft. MSL or 25.0 ft.

L. Borehole, diameter 8.3 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: 4.0 in.
b. Length: 5.0 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. BADGER
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 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 DIETRICH
c. Slot size: 0.010 in.
d. Slotted length: 10.0 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: [signature] Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

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

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: NOVAK SITE	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-8
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 08/09/2004 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: ____ 1/4 of ____ 1/4 of Sec. ____, T. ____ N, R. ____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: MORAINE ENVIRONMENTAL, INC.
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: _____
		WTM91 X = 683378, Y = 283739

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation 721.70 ft. MSL

C. Land surface elevation 721.9 ft. MSL

D. Surface seal, bottom _____ 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): N/A

E. Bentonite seal, top _____ ft. MSL or 1.0 ft.

F. Fine sand, top _____ ft. MSL or 4.0 ft.

G. Filter pack, top _____ ft. MSL or 5.0 ft.

H. Screen joint, top _____ ft. MSL or 5.0 ft.

I. Well bottom _____ ft. MSL or 20.0 ft.

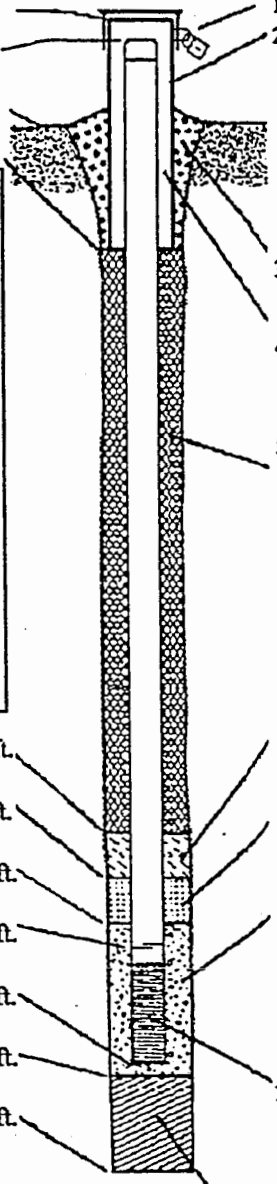
J. Filter pack, bottom _____ ft MSL or 20.0 ft.

K. Borehole, bottom _____ ft MSL or 20.0 ft.

L. Borehole, diameter 8.3 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: 8.0 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. BADGER
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 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 DIETRICH
c. Slot size: 0.010 in.
d. Slotted length: 15.0 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: [signature] Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

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

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: NOVAK SITE	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-9
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 08/09/2004 (m m d d y y y y)
Type of Well: Well Code 11 / mw	Section Location of Waste/Source: _____ 1/4 of _____ 1/4 of Sec. _____, T. _____ N, R. _____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: MORAINE ENVIRONMENTAL, INC.
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 _____	WTM91 X = 683378, Y = 283739

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation 724.95 ft. MSL

C. Land surface elevation 721.7 ft. MSL

D. Surface seal, bottom _____ 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): N/A

E. Bentonite seal, top _____ ft. MSL or 1.0 ft.

F. Fine sand, top _____ ft. MSL or 4.0 ft.

G. Filter pack, top _____ ft. MSL or 5.0 ft.

H. Screen joint, top _____ ft. MSL or 5.0 ft.

I. Well bottom _____ ft. MSL or 20.0 ft.

J. Filter pack, bottom _____ ft. MSL or 20.0 ft.

K. Borehole, bottom _____ ft. MSL or 20.0 ft.

L. Borehole, diameter 8.3 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: 4.0 in.
b. Length: 5.0 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. BADGER
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 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 DIETRICH
c. Slot size: 0.010 in.
d. Slotted length: 15.0 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: [signature] Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

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

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: NOVAK SITE	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-10
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 08/09/2004 (m m d d y y y y)
Type of Well: Well Code 11 / mw	Section Location of Waste/Source: _____ 1/4 of _____ 1/4 of Sec, _____ T. _____ N, R. _____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: MORAINE ENVIRONMENTAL, INC.
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 _____	WTM91 X=683378, Y=283739

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation 727.07 ft. MSL

C. Land surface elevation 724.1 ft. MSL

D. Surface seal, bottom _____ 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):
N/A

E. Bentonite seal, top _____ ft. MSL or 1.0 ft.

F. Fine sand, top _____ ft. MSL or 4.0 ft.

G. Filter pack, top _____ ft. MSL or 5.0 ft.

H. Screen joint, top _____ ft. MSL or 5.0 ft.

I. Well bottom _____ ft. MSL or 20.0 ft.

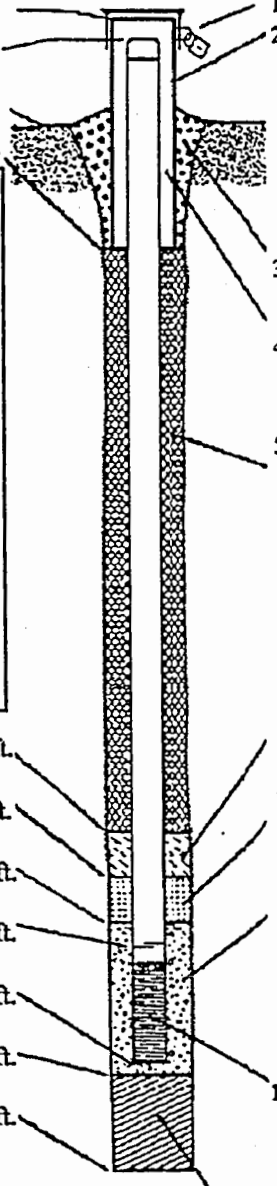
J. Filter pack, bottom _____ ft. MSL or 20.0 ft.

K. Borehole, bottom _____ ft. MSL or 20.0 ft.

L. Borehole, diameter 8.3 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: 4.0 in.
b. Length: 5.0 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. BADGER
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 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 DIETRICH
c. Slot size: 0.010 in.
d. Slotted length: 15.0 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: [signature] Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

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 [illegible] 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

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: NOVAK SITE	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-11
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 08/09/2004 (m m d d y y y y)
Type of Well — Well Code: 11 / MW	Section Location of Waste/Source: _____ 1/4 of _____ 1/4 of Sec. _____, T. _____ N, R. _____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: HORAINE ENVIRONMENTAL, INC.
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: _____
		WTM 91 X = 683378, Y = 283739

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation 728.65 ft. MSL

C. Land surface elevation 725.3 ft. MSL

D. Surface seal, bottom _____ 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):
N/A

E. Bentonite seal, top _____ ft. MSL or 1.0 ft.

F. Fine sand, top _____ ft. MSL or 4.0 ft.

G. Filter pack, top _____ ft. MSL or 5.0 ft.

H. Screen joint, top _____ ft. MSL or 5.0 ft.

I. Well bottom _____ ft. MSL or 25.0 ft.

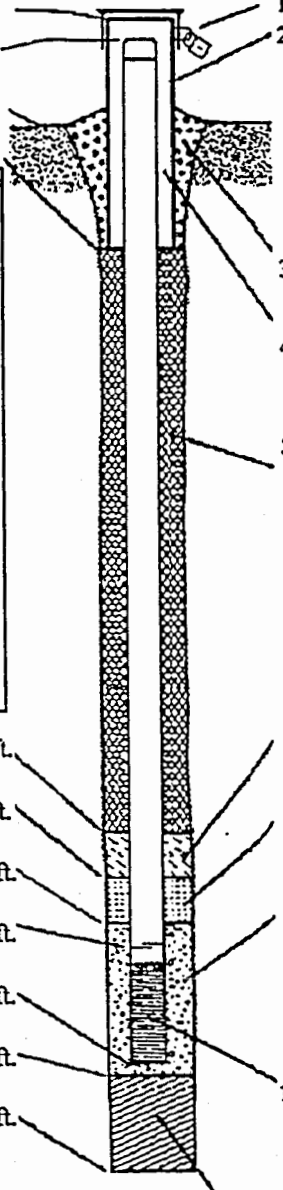
J. Filter pack, bottom _____ ft. MSL or 25.0 ft.

K. Borehole, bottom _____ ft. MSL or 25.0 ft.

L. Borehole, diameter 8.3 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: 4.0 in.
b. Length: 5.0 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. BADGER
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 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 DIETRICH
c. Slot size: 0.010 in.
d. Slotted length: 20.0 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: _____ Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

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

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: NOVAK SITE	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-12
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 08/10/2004 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: _____ 1/4 of _____ 1/4 of Sec. _____, T. _____ N, R. _____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: HORAINE ENVIRONMENTAL, INC.
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 _____	WTM91 X=683378, Y=283739

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation 723.63 ft. MSL

C. Land surface elevation 720.2 ft. MSL

D. Surface seal, bottom _____ 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):
N/A

E. Bentonite seal, top _____ ft. MSL or 1.0 ft.

F. Fine sand, top _____ ft. MSL or 4.0 ft.

G. Filter pack, top _____ ft. MSL or 5.0 ft.

H. Screen joint, top _____ ft. MSL or 5.0 ft.

I. Well bottom _____ ft. MSL or 20.0 ft.

J. Filter pack, bottom _____ ft. MSL or 20.0 ft.

K. Borehole, bottom _____ ft. MSL or 20.0 ft.

L. Borehole, diameter 8.3 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: 4.0 in.
b. Length: 5.0 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. BADGER
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 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 DIETRICH
c. Slot size: 0.010 in.
d. Slotted length: 15.0 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: [signature] Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

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

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: NOVAK SITE	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-13
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 08/10/2004 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: _____ 1/4 of _____ 1/4 of Sec. _____, T. _____ N, R. _____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: MORAINE ENVIRONMENTAL, INC.
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 _____	WTM91 X = 683378, Y = 283739

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation 727.44 ft. MSL

C. Land surface elevation 724.3 ft. MSL

D. Surface seal, bottom _____ 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): N/A

E. Bentonite seal, top _____ ft. MSL or 1.0 ft.

F. Fine sand, top _____ ft. MSL or 4.0 ft.

G. Filter pack, top _____ ft. MSL or 5.0 ft.

H. Screen joint, top _____ ft. MSL or 5.0 ft.

I. Well bottom _____ ft. MSL or 20.0 ft.

J. Filter pack, bottom _____ ft. MSL or 20.0 ft.

K. Borehole, bottom _____ ft. MSL or 20.0 ft.

L. Borehole, diameter 8.3 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: 4.0 in.
b. Length: 5.0 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. BADGER
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 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 DIETRICH
c. Slot size: 0.010 in.
d. Slotted length: 15.0 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: [signature] Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

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

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: NOVAK SITE	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-14
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 08/10/2004 (m m d d y y y y)
Type of Well — Well Code: 11 / MW	Section Location of Waste/Source: ____ 1/4 of ____ 1/4 of Sec. ____, T. ____ N, R. ____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: MORAINE ENVIRONMENTAL, INC.
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: _____	WTM91 X=683378, Y=283739

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation 725.75 ft. MSL

C. Land surface elevation 722.4 ft. MSL

D. Surface seal, bottom _____ 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): N/A

E. Bentonite seal, top _____ ft. MSL or 1.0 ft.

F. Fine sand, top _____ ft. MSL or 4.0 ft.

G. Filter pack, top _____ ft. MSL or 5.0 ft.

H. Screen joint, top _____ ft. MSL or 5.0 ft.

I. Well bottom _____ ft. MSL or 20.0 ft.

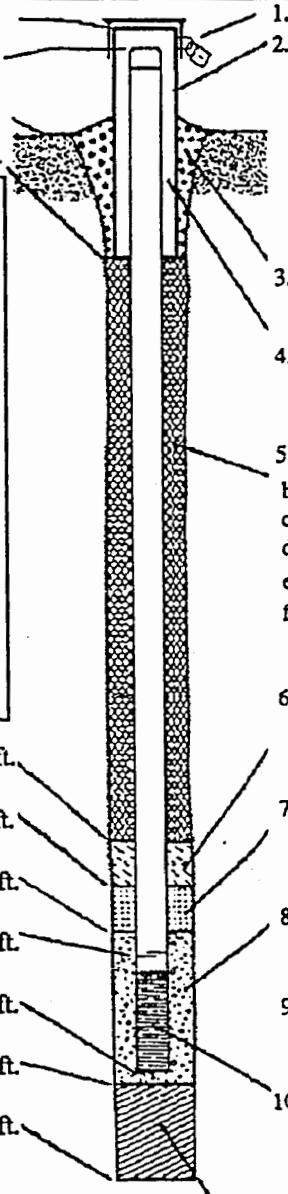
J. Filter pack, bottom _____ ft. MSL or 20.0 ft.

K. Borehole, bottom _____ ft. MSL or 20.0 ft.

L. Borehole, diameter 8.3 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: 4.0 in.
b. Length: 5.0 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. BADGER
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 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 DIETRICH
c. Slot size: 0.010 in.
d. Slotted length: 15.0 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: [signature] Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

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

APPENDIX E

MONITORING WELL DEVELOPMENT FORMS

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
NOVAK SITE	MILWAUKEE	MW-1

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	41	_____	____

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 30 min.

4. Depth of well (from top of well casisng) 22.8 ft.

5. Inside diameter of well 2.06 in.

6. Volume of water in filter pack and well casing 11.9 gal.

7. Volume of water removed from well 50.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added N/A

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results) N/A

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 10.16 ft.	19.82 ft.
Date	b. 08/23/2004 (m m d d y y y y)	08/23/2004 (m m d d y y y y)
Time	c. 07:00 ☑ a.m. ☐ p.m.	07:30 ☑ a.m. ☐ p.m.
12. Sediment in well bottom	3.0 inches	41.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☑ 15 (Describe) _____	Clear ☐ 20 Turbid ☑ 25 (Describe) slight turbidity

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: JEFFREY L. Last Name: HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: CITY OF WEST ALLIS
Street: 7525 WEST GREENFIELD AVE.
City/State/Zip: WEST ALLIS WI 53214

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Jeffrey L. Hosler
Print Name: JEFFREY L. HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

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
NOVAK SITE	MILWAUKEE	MW-2

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	41	------	---

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 __30 min.

4. Depth of well (from top of well casisng) __23.4 ft.

5. Inside diameter of well __2.06 in.

6. Volume of water in filter pack and well casing __14.1 gal.

7. Volume of water removed from well __50.0 gal.

8. Volume of water added (if any) __0.0 gal.

9. Source of water added N/A

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results) N/A

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. __8.36 ft.	__20.43 ft.
Date	b. 08/23/2004 (m m d d y y y y)	08/23/2004 (m m d d y y y y)
Time	c. 07:45 ☑ a.m. ☐ p.m.	08:15 ☑ a.m. ☐ p.m.
12. Sediment in well bottom	__3.0 inches	<1.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☑ 15 (Describe) _____	Clear ☐ 20 Turbid ☑ 25 (Describe) slight turbidity

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: JEFFREY L. Last Name: HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: CITY OF WEST ALLIS
Street: 7525 WEST GREENFIELD AVE.
City/State/Zip: WEST ALLIS WI 53214

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: J L Hosler
Print Name: JEFFREY L. HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

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
NOVAK SITE	MILWAUKEE	MW-3

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	41	_____	___

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 30 min.

4. Depth of well (from top of well casisng) 23.2 ft.

5. Inside diameter of well 2.06 in.

6. Volume of water in filter pack and well casing 7.5 gal.

7. Volume of water removed from well 50.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added N/A

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results) N/A

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 15.16 ft.	20.15 ft.
Date	b. 08/23/2004 (m m d d y y y y)	08/23/2004 (m m d d y y y y)
Time	c. 08:30 ☐ a.m. ☐ p.m.	09:00 ☐ a.m. ☐ p.m.
12. Sediment in well bottom	3.0 inches	1.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☑ 15 (Describe)	Clear ☐ 20 Turbid ☑ 25 (Describe) slight turbidity

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: JEFFREY L. Last Name: HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: CITY OF WEST ALLIS
Street: 7525 WEST GREENFIELD AVE.
City/State/Zip: WEST ALLIS WI 53214

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Jeffrey L. Hosler
Print Name: JEFFREY L. HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

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
NOVAK SITE	MILWAUKEE	MW-4

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	41	_____	___

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 30 min.

4. Depth of well (from top of well casisng) 22.9 ft.

5. Inside diameter of well 2.06 in.

6. Volume of water in filter pack and well casing 11.7 gal.

7. Volume of water removed from well 50.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added N/A

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results) N/A

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 10.47 ft.	19.94 ft.
Date	b. 08/23/2004 (m m d d y y y y)	08/23/2004 (m m d d y y y y)
Time	c. 09:15 ☑ a.m. ☐ p.m.	09:45 ☑ a.m. ☐ p.m.
12. Sediment in well bottom	3.0 inches	1.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☑ 15 (Describe)	Clear ☐ 20 Turbid ☑ 25 (Describe) slight turbidity
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: JEFFREY L. Last Name: HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: CITY OF WEST ALLIS
Street: 7525 WEST GREENFIELD AVE.
City/State/Zip: WEST ALLIS WI 53214

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: J L Hosler
Print Name: JEFFREY L. HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

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
NOVAK SITE	MILWAUKEE	MW-5

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	41	_____	___

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 30 min.

4. Depth of well (from top of well casisng) 23.2 ft.

5. Inside diameter of well 2.06 in.

6. Volume of water in filter pack and well casing 10.3 gal.

7. Volume of water removed from well 50.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added N/A

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results) N/A

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 12.19 ft.	20.19 ft.
Date	b. 08/23/2004 (m m d d y y y y)	08/23/2004 (m m d d y y y y)
Time	c. 10:00 ☐ a.m. ☐ p.m.	10:30 ☐ a.m. ☐ p.m.
12. Sediment in well bottom	3.0 inches	41.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☑ 15 (Describe)	Clear ☐ 20 Turbid ☐ 25 (Describe) slight turbidity

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: JEFFREY L. Last Name: HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: CITY OF WEST ALLIS
Street: 7525 WEST GREENFIELD AVE.
City/State/Zip: WEST ALLIS WI 53214

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: J L Hosler
Print Name: JEFFREY L. HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

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
NOVAK SITE	MILWAUKEE	MW-7

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	41	_____	___

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 ___30 min.

4. Depth of well (from top of well casisng) __28.2 ft.

5. Inside diameter of well __2.06 in.

6. Volume of water in filter pack and well casing __11.0 gal.

7. Volume of water removed from well __50.0 gal.

8. Volume of water added (if any) ___0.0 gal.

9. Source of water added N/A

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results) N/A

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. __9.08 ft.	__25.23 ft.
Date	b. 08/23/2004 (m m d d y y y y)	08/23/2004 (m m d d y y y y)
Time	c. 11:30 ☐ a.m. ☐ p.m.	12:00 ☐ a.m. ☐ p.m.
12. Sediment in well bottom	__3.0 inches	__1.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☑ 15 (Describe)	Clear ☐ 20 Turbid ☑ 25 (Describe) slight turbidity

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: JEFFREY L. Last Name: HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: CITY OF WEST ALLIS
Street: 7525 WEST GREENFIELD AVE.
City/State/Zip: WEST ALLIS WI 53214

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: J L Hosler
Print Name: JEFFREY L. HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

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
NOVAK SITE	MILWAUKEE	MW-6

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	41	_____	___

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 30 min.

4. Depth of well (from top of well casisng) 23.2 ft.

5. Inside diameter of well 2.06 in.

6. Volume of water in filter pack and well casing 11.1 gal.

7. Volume of water removed from well 50.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added N/A

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results) N/A

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 10.77 ft.	20.24 ft.
Date	b. 08/23/2004 (m m d d y y y y)	08/23/2004 (m m d d y y y y)
Time	c. 10:45 ☑ a.m. ☐ p.m.	11:15 ☑ a.m. ☐ p.m.
12. Sediment in well bottom	3.0 inches	41.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☑ 15	Clear ☐ 20 Turbid ☑ 25
(Describe)		slight turbidity
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: JEFFREY L. Last Name: HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: CITY OF WEST ALLIS
Street: 7525 WEST GREENFIELD AVE.
City/State/Zip: WEST ALLIS WI 53214

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: J L Hosler
Print Name: JEFFREY L. HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

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
NOVAK SITE	MILWAUKEE	MW-8

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	41	_____	___

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 30 min.

4. Depth of well (from top of well casisng) 19.8 ft.

5. Inside diameter of well 2.06 in.

6. Volume of water in filter pack and well casing 14.6 gal.

7. Volume of water removed from well 50.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added N/A

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results) N/A

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 1.80 ft.	16.80 ft.
Date	b. 08/23/2004 (m m d d y y y y)	08/23/2004
Time	c. 12:15 ☐ a.m. ☑ p.m.	12:45 ☐ a.m. ☑ p.m.
12. Sediment in well bottom	3.0 inches	41.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☑ 15 (Describe)	Clear ☐ 20 Turbid ☐ 25 (Describe) slight turbidity

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: JEFFREY L. Last Name: HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: CITY OF WEST ALLIS
Street: 7525 WEST GREENFIELD AVE.
City/State/Zip: WEST ALLIS WI 53214

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Jeff Hosler
Print Name: JEFFREY L. HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

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
NOVAK SITE	MILWAUKEE	MW-9

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	41	_____	___

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 30 min.

4. Depth of well (from top of well casisng) 23.3 ft.

5. Inside diameter of well 2.06 in.

6. Volume of water in filter pack and well casing 14.2 gal.

7. Volume of water removed from well 50.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added N/A

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results) N/A

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 7.48 ft.	20.25 ft.
Date	b. 08/23/2004	08/23/2004
Time	c. 01:00 ☐ a.m. ☑ p.m.	01:30 ☐ a.m. ☑ p.m.
12. Sediment in well bottom	3.0 inches	41.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☑ 15 (Describe)	Clear ☐ 20 Turbid ☑ 25 (Describe) slight turbidity

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: JEFFREY L. Last Name: HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: CITY OF WEST ALLIS
Street: 7525 WEST GREENFIELD AVE.
City/State/Zip: WEST ALLIS WI 53214

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Jeff Hosler
Print Name: JEFFREY L. HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

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
NOVAK SITE	MILWAUKEE	MW-10

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	41	_____	___

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 30 min.

4. Depth of well (from top of well casisng) 22.9 ft.

5. Inside diameter of well 2.06 in.

6. Volume of water in filter pack and well casing 12.4 gal.

7. Volume of water removed from well 50.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added N/A

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results) N/A

	Before Development	After Development
11. Depth to Water (from top of well casing) a.	9.70 ft.	19.93 ft.
Date b. (m m d d y y y y)	08/23/2004	08/23/2004
Time c.	01:45 ☐ a.m. ☑ p.m.	02:15 ☐ a.m. ☑ p.m.
12. Sediment in well bottom	3.0 inches	41.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☑ 15 (Describe)	Clear ☐ 20 Turbid ☑ 25 (Describe) slight turbidity

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: JEFFREY L. Last Name: HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: CITY OF WEST ALLIS
Street: 7525 WEST GREENFIELD AVE.
City/State/Zip: WEST ALLIS WI 53214

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: J. L. Hosler
Print Name: JEFFREY L. HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

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
NOVAK SITE	MILWAUKEE	MW-11

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	41	_____	___

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 30 min.

4. Depth of well (from top of well casisng) 28.4 ft.

5. Inside diameter of well 2.06 in.

6. Volume of water in filter pack and well casing 18.6 gal.

7. Volume of water removed from well 50.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added N/A

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results) N/A

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 8.53 ft.	25.35 ft.
Date	b. 08/23/2004 (m m d d y y y y)	08/23/2004 (m m d d y y y y)
Time	c. 02:30 ☐ a.m. ☑ p.m.	03:00 ☐ a.m. ☑ p.m.
12. Sediment in well bottom	3.0 inches	≤1.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☑ 15 (Describe)	Clear ☐ 20 Turbid ☑ 25 (Describe) slight turbidity
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: JEFFREY L. Last Name: HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: CITY OF WEST ALLIS
Street: 7525 WEST GREENFIELD AVE.
City/State/Zip: WEST ALLIS WI 53214

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: J L Hosler
Print Name: JEFFREY L. HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

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
NOVAK SITE	MILWAUKEE	MW-12

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	41	_____	___

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 30 min.

4. Depth of well (from top of well casisng) 23.4 ft.

5. Inside diameter of well 2.06 in.

6. Volume of water in filter pack and well casing 7.1 gal.

7. Volume of water removed from well 50.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added N/A

10. Analysis performed on water added? ☐ Yes ☐ No (If yes, attach results) N/A

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 15.27 ft.	20.43 ft.
Date	b. 08/23/2004 (m m d d y y y y)	08/23/2004 (m m d d y y y y)
Time	c. 03:15 ☐ a.m. ☑ p.m.	03:45 ☐ a.m. ☑ p.m.
12. Sediment in well bottom	3.0 inches	<1.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☑ 15 (Describe)	Clear ☐ 20 Turbid ☑ 25 (Describe) slight turbidity

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: JEFFREY L. Last Name: HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: CITY OF WEST ALLIS
Street: 7525 WEST GREENFIELD AVE.
City/State/Zip: WEST ALLIS WI 53214

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: J. Hosler
Print Name: JEFFREY L. HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

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
NOVAK SITE	MILWAUKEE	MW-13

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	41	_____	___

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 30 min.

4. Depth of well (from top of well casisng) 23.1 ft.

5. Inside diameter of well 2.06 in.

6. Volume of water in filter pack and well casing 13.5 gal.

7. Volume of water removed from well 50.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added N/A

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results) N/A

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 8.78 ft.	20.14 ft.
Date	b. 08/23/2004 (m m d d y y y y)	08/23/2004 (m m d d y y y y)
Time	c. 04:00 ☐ a.m. ☑ p.m.	04:30 ☐ a.m. ☑ p.m.
12. Sediment in well bottom	3.0 inches	<1.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☑ 15 (Describe)	Clear ☐ 20 Turbid ☑ 25 (Describe) slight turbidity

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: JEFFREY L. Last Name: HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: CITY OF WEST ALLIS
Street: 7525 WEST GREENFIELD AVE.
City/State/Zip: WEST ALLIS WI 53214

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: J L Hosler
Print Name: JEFFREY L. HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

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
NOVAK SITE	MILWAUKEE	MW-14

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	41	_____	___

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 30 min.

4. Depth of well (from top of well casisng) 23.4 ft.

5. Inside diameter of well 2.06 in.

6. Volume of water in filter pack and well casing 13.0 gal.

7. Volume of water removed from well 50.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added N/A

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results) N/A

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 9.50 ft.	20.35 ft.
Date	b. 08/23/2004 (m m d d y y y y)	08/23/2004 (m m d d y y y y)
Time	c. 04:45 ☐ a.m. ☑ p.m.	05:15 ☐ a.m. ☑ p.m.
12. Sediment in well bottom	3.0 inches	<1.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☑ 15 (Describe)	Clear ☐ 20 Turbid ☑ 25 (Describe) slight turbidity
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: JEFFREY L. Last Name: HOSLER
Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: CITY OF WEST ALLIS
Street: 7525 WEST GREENFIELD AVE.
City/State/Zip: WEST ALLIS WI 53214

I hereby certify that the above information is true and correct to the best of my knowledge.
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Print Name: JEFFREY L. HOSLER
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