

Preliminary Phase II Environmental

Site Assessment

Novak Property

1960 67th Place

West Allis, Wisconsin

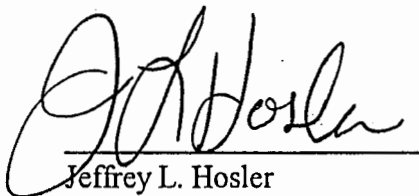
March 2004

Prepared For

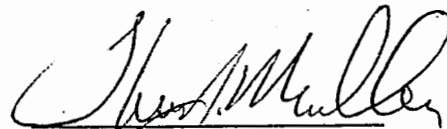
City of West Allis

Community Development Authority

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC



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Principal



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Principal

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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 site is located at 1960 South 67th Place, West Allis, Wisconsin and is an 11.61-acre parcel. 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 M-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.

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 current owner acquired the site in 1985 and over the past 17-18 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 four dilapidated metal and brick industrial/storage buildings varying in size between approximately 3600 to 5500 square feet. The site also has two large deteriorating storage silos standing near the former lime pit.

1.3 Consulting Firm and Contractor Information

Consulting Firm

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
2088 Washington Avenue
Cedarburg, WI 53012

Phone: 262-675-6000
Fax: 262-675-6170
Email: office@temco-llc.com

Contractors

North Shore Drilling Inc.
P.O. Box 255
Grafton, WI 53024-0255

Phone: 262-375-8121
Service: Soil probing

Synergy Environmental Lab
500 West Franklin Street
Appleton, Wisconsin 54911

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

SECTION 2 BACKGROUND INFORMATION

2.1 Regional Geologic and Groundwater Conditions

The regional geology in which the Novak property is located consists of approximately 200 feet of glacial sediments overlying sedimentary 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.

Shallow native soils in the vicinity of the project are primarily silty clay. Due to historic local land filling and the industrial heritage of the project area, it is anticipated that shallow fill is present at many locations in the site area. The fill typically consists of mixtures of clay, silt, and sand, and may include debris such as brick, concrete and wood. Due to former use of the site as a carbide gas manufacturing plant and the associated lime slurry ponds, shallow fill on-site likely contains appreciable quantities of dewatered lime slurry. Slag and cinder-like materials, foundry sand, and flyash may be present in some locations. Fill consistency may vary from loose to very hard and dense.

The shallow groundwater table in the site area varies in depth from a few feet to as much as 15 feet below ground surface (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 utility

corridors, and natural seasonal fluctuations. Generally, native glacial soils composed primarily of clay and silt (ground moraine and till) will have low hydraulic conductivity. Sand and gravel seams and lenses and some fill will have higher hydraulic conductivity. The direction of groundwater flow in the site area may be variable, and will be controlled by surface topography, soil/fill type, and proximity of preferred pathways of groundwater migration, such as utility corridors.

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:

1. Conversations with the current site owner, Mr. John Novak
2. Review of Wisconsin Department of Natural Resources (WDNR) files for the site
3. Review of Department of Commerce (Comm) Storage Tank database files for the site
4. Review of City of West Allis Department of Building Inspection and Fire Department records for the site
5. 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 1945 to approximately 1987

6. Lime slurry was byproduct of manufacturing carbide gas
7. Lime slurry was disposed in pits on the site
8. 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

9. 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

10. December 1992 - Alliance Transportation left site, replaced by Oetzman Trucking
11. 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
12. Inspection showed poor facility house keeping, soil stains throughout site, and presence of a lime pit

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

13. 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
14. February 26, 1998 - DNR Hydrogeologist Michael Thompson met with John Urban's son Jesse, who was operating the business while father on vacation
 - Found oil puddles on ground as a result of leaking equipment on an oil truck parked on property
15. 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
16. 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 wet land
 - 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
17. 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
18. 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 from 1998, Urban though 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
19. January 17, 2001 - Key Engineering files request with DNR to close the Jay's Fuel Oil case based on their previous investigation
20. July 4, 2001 - DNR Closure Committee denied request for closure
21. Additional soil sampling needs to be conducted at location of Jay's Oil fuel oil spill
- John Novak property (owns entire site since approximately 1987, rents out to other tenants)
22. September 29, 2000 - DNR inspected entire Novak property
23. 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
24. October 5, 2000 - DNR met with Novak
- Novak submitted an action plan with dates for the immediate problem of lime leaving the site

25. October 10, 2000 - DNR Wastewater Engineer Ted Bosch inspected Novak property
- Observed petroleum spills on soil
 - Wastewater discharge with traces of lime, there is no wastewater discharge permit for the site, test revealed 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
26. October 12, 2000 - Ted Bosch from DNR notified Novak to complete the following actions
- Water in the puddle along the sidewalk 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
27. October 20, 2000 - DNR sends Novak a Notice of Violation

2.3 Potential Contaminant Sources

The Phase I 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 approximately one-third of the site along Becher Place, and separately, the southwestern corner of the site. Residual lime slurry or lime dust is not likely to be a significant environmental concern. The primary reason these areas require assessment is 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 a 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.
 - Current 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
- Other areas of the site, particularly the north central and northwestern part 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 recent 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.

SECTION 3 OBJECTIVES AND SCOPE OF WORK

3.1 Objectives

The objectives of the Phase II ESA include:

- Characterization of on-site soil and shallow groundwater conditions.
- 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.
- Development of recommendations for additional site investigation, if required.

- Evaluation of the need for site remediation considering soil and groundwater cleanup criteria and site redevelopment plans. Determination of the most appropriate site remediation alternatives, conceptual plan, and cost estimate.
- Assessment of on-site asbestos containing building materials to provide the basis for competitive bidding of asbestos removal by asbestos abatement contractors.

3.2 Scope of Work

The principal elements of the preliminary Phase II ESA scope of work completed by TEMCO to address the Phase II ESA objectives include:

- Development of a soil boring and sampling plan designed to assess shallow subsurface conditions and collect soil samples in the following on-site areas:
 - 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 is historically and currently stored
- Installation and logging of ten geoprobe soil borings in the above listed areas ranging in depth from four to twelve feet below ground surface (bgs).
- Collection and laboratory analysis of ten soil samples for a broad range of contaminants associated with the potential contaminant sources described in Section 2.3.
- Preparation of the preliminary Phase II ESA report, describing field activities, the laboratory analytical program and results, and interpretation of the field and laboratory data. Laboratory analytical results for the soil samples are summarized in the Tables section and laboratory analytical reports are provided as Appendix A. Site figures, including site location, soil boring plan, and contaminant distribution, are included in the Figures section. Soil boring logs are provided as Appendix B. Soil boring abandonment forms are provided as Appendix C. A summary plan for completion of the Phase II ESA is included in the Preliminary Phase II report.

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 February 20, 2004, 10 soil borings were drilled at the locations shown in Figure 2. 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 8 feet to 12 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 NR141 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 to address the Phase II ESA 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.
 - Diesel Range Organics (DRO)
 - Gasoline Range Organics (GRO)
 - 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.

SECTION 5 FINDINGS AND CONCLUSIONS

The following findings and conclusions are preliminary and subject to revision by additional soil and groundwater contamination data and hydrogeologic data which will be developed during the completion of the Phase II ESA:

- The site is relatively level, with an apparent slight downward slope from northwest to southwest.
- The shallow subsurface in the central, western, and northern parts of the site consists primarily of silty clay soils, some of which is clearly fill and some of which may be native soil. 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, brick fragments, and black organic material.
- Groundwater was encountered at two of the soil boring locations (SB-2 and SB-4) in the central and northern parts of the site at one foot below ground surface (bgs). Soil moisture content increasing with depth was noted in most of the soil borings completed in the preliminary Phase II ESA. It is likely that the seasonal high shallow groundwater table lies within the upper four feet of the subsurface at the site.
- Soil samples collected in each boring 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 four 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 (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 for initial laboratory analysis.
- 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 soil samples were elevated sufficiently to result in exceedances of all three Residual Contaminant Level (RCL) types for PAH compounds, i.e. the groundwater pathway RCL, the non-industrial site direct contact RCL, and the industrial site direct contact RCL (Table 3).
- DRO levels were detected above the DRO RCL in most of the soil samples analyzed (Table 2). The DRO levels measured were generally proportional to the total PAH level of each soil

sample. As such, DRO may be useful as an analytical proxy for the completion of the Phase II ESA.

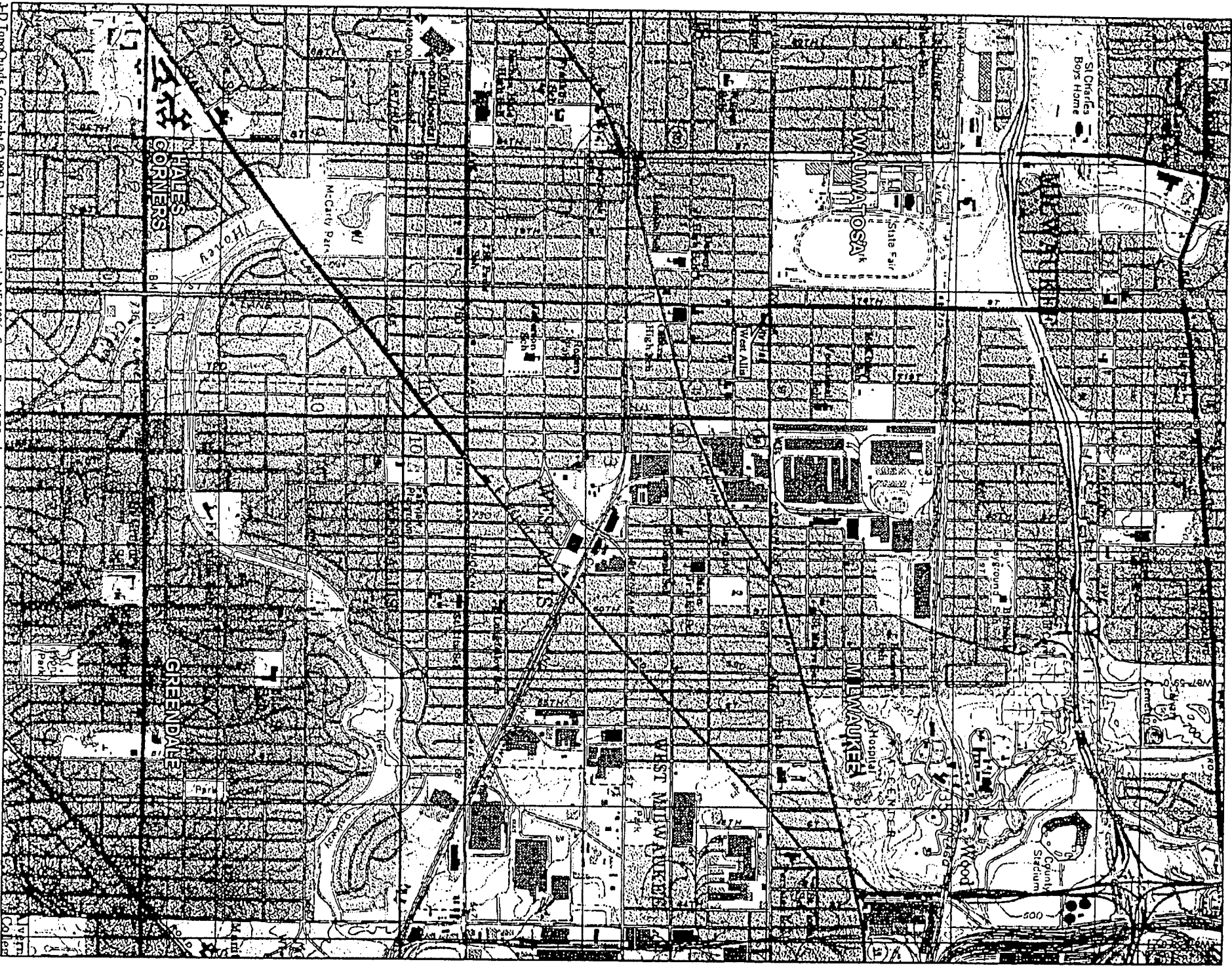
- Several exceedances of the arsenic and lead RCL's (Table 4) and the RCL for naphthalene (Table 1) were identified in the soil samples collected in the former lime slurry pond area.
- The source of the contamination identified is not known. A wide variety of industrial processes produce wastes with the high levels of PAH compounds identified in the soil/fill samples collected in the Preliminary Phase II ESA. Additional site investigation and laboratory analysis will be required to determine the source(s) of contamination.
- The soil conditions identified during the Preliminary Phase II ESA have several implications for the site redevelopment planning process:
 - most of the soil sampled during the Preliminary Phase II ESA will require off-site landfill disposal as a solid, or special, waste if excavated during site redevelopment. This requirement is a result of the elevated PAH levels generally encountered throughout most of the site and the unsuitability of most of this soil/fill for use in on-site berms, landscaping, backfill, or other site redevelopment uses.
 - soil conditions below the upper two feet of the soil column in the former lime slurry pond area (borings SB-6 through SB-9) are relatively soft, and very soft in the area of boring SB-6. These soil conditions may require modification, such as over excavation and placing of select backfill, to provide support for building foundations

SECTION 6 COMPLETION OF THE PHASE II ESA

Following are the principal elements of the scope of work which will be conducted to complete the Phase II ESA:

- Completion of approximately 25 to 30 additional soil borings throughout the site to provide comprehensive characterization of soil and groundwater conditions and determine the lateral extent of on-site contamination
- Some of these borings will be completed to depths greater than 12 feet bgs to determine the vertical extent of on-site soil contamination and to characterize soil conditions present below the on-site fill
- Some of the soil/fill samples collected will be analyzed for the full range of Semi-Volatile Organic Compounds (SVOC). This analysis identifies a broader range of the principal type of compounds found at the site than the PAH analysis.
- Preparation of a comprehensive Phase II ESA report, which will include the following:

- characterization of the subsurface at the site and analysis of the hydrogeologic and soil/groundwater contamination data developed
- evaluation of the need for site remediation considering soil and groundwater cleanup criteria and site redevelopment plans, including geotechnical requirements
- determination of the available remedial alternatives and development of comparative conceptual plans and cost estimates
- development of scope of work and budget for additional site investigation and groundwater monitoring requirements



- #1 R&W SALVAGE CHANGED TO "DOWNS TRUCKING INC."
- #2 N.I.e. CHANGED TO "SEALTITE"
- #3 SEALTITE
- #4-A SEALTITE
- #4-B TRI-M-GRAPHIC
- #5 SEALTITE
- SOIL BORING

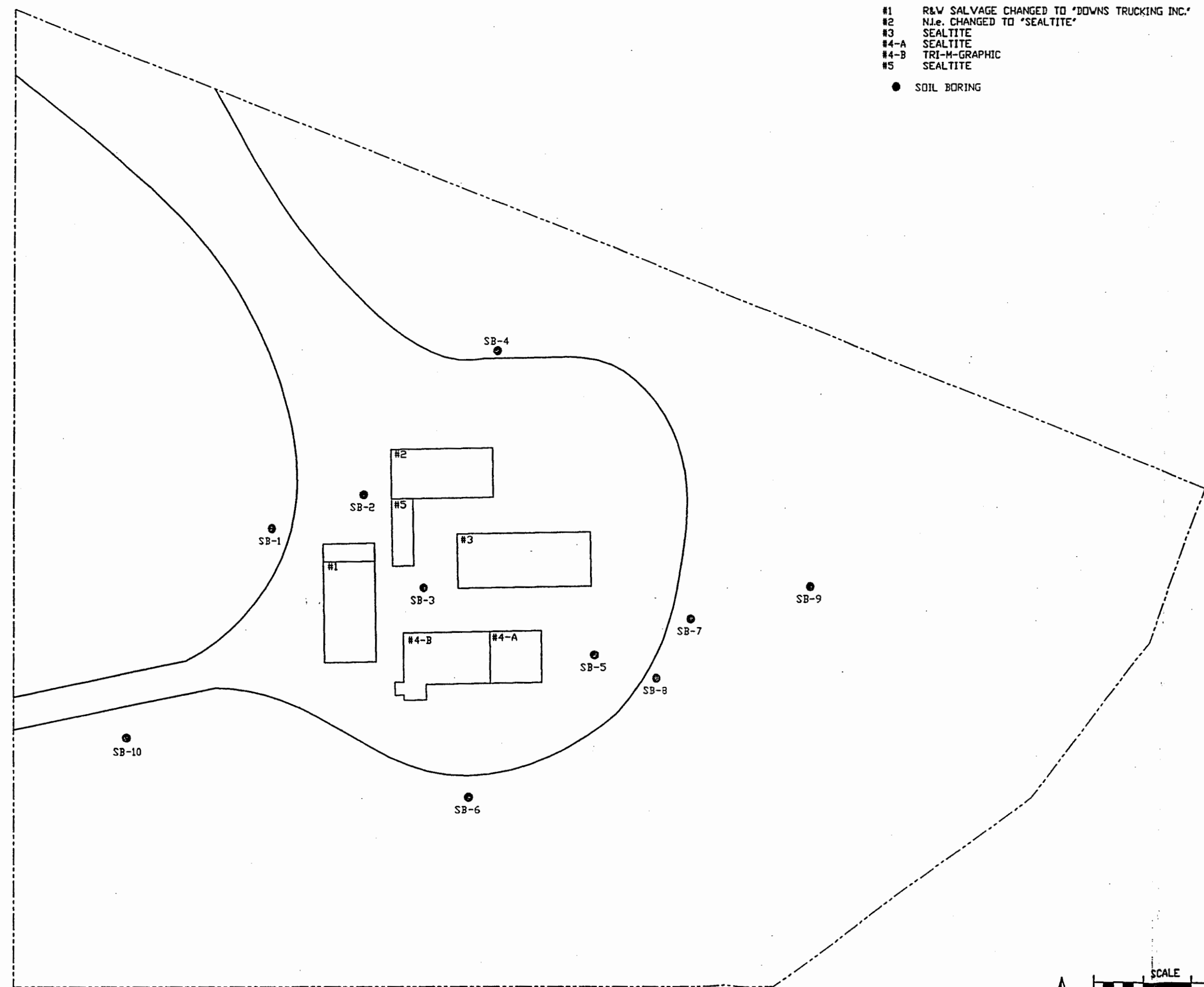
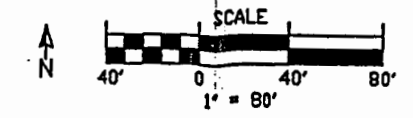


FIGURE 2
SOIL BORING LOCATIONS

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC	
DATE: 03/29/04	DRAWN BY: TJM
LOCATION: 1960 67TH PLACE WEST ALLIS, WISCONSIN	



- #1 R&W SALVAGE CHANGED TO 'DOWNS TRUCKING INC'
- #2 N.I.e. CHANGED TO 'SEALTITE'
- #3 SEALTITE
- #4-A SEALTITE
- #4-B TRI-M-GRAPHIC
- #5 SEALTITE

● SOIL BORING

ONLY RESIDUAL CONTAMINANT LEVEL EXCEEDANCES SHOWN

ALL CONTAMINANTS SHOWN IN ng/kg

- DRD 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 DIBENZO(a,h)ANTHRACENE
- INDENO INDENO(1,2,3-cd)PYRENE
- PHEN PHENANTHRENE

CONTAM	DETECT	DATE
B(a)A	1.6J	02/20/04
B(a)P	1.6J	02/20/04
B(b)F	2.3J	02/20/04
PHEN	2.2J	02/20/04

SB-4

CONTAM	DETECT	DATE
B(a)A	1J	02/20/04
B(a)P	1.1J	02/20/04
B(b)F	1.5	02/20/04

SB-2

CONTAM	DETECT	DATE
B(a)P	0.045J	02/20/04
B(b)F	0.09J	02/20/04

SB-3

CONTAM	DETECT	DATE
B(a)A	0.53J	02/20/04
B(a)P	0.6J	02/20/04
B(b)F	1	02/20/04

SB-5

CONTAM	DETECT	DATE
LEAD	65.4	02/20/04
B(a)A	16	02/20/04
B(a)P	15J	02/20/04
B(b)F	20	02/20/04
B(ghi)P	5.7	02/20/04
B(k)F	5.2J	02/20/04
CHRY	16	02/20/04
INDENO	6.4J	02/20/04
PHEN	24	02/20/04

SB-9

SB-7

CONTAM	DETECT	DATE
DRD	450	02/20/04
ARSE	3.06	02/20/04
ACEN	1.9J	02/20/04
B(a)A	11	02/20/04
B(a)P	14	02/20/04
B(b)F	16	02/20/04
B(ghi)P	6.2	02/20/04
B(k)F	7.8	02/20/04
CHRY	12	02/20/04
INDENO	6J	02/20/04
PHEN	11	02/20/04

CONTAM	DETECT	DATE
NAP	1.54	02/20/04
DRD	350	02/20/04
ACEN	2.5J	02/20/04
B(a)A	75	02/20/04
B(a)P	46	02/20/04
B(b)F	90	02/20/04
B(ghi)P	30	02/20/04
B(k)F	30	02/20/04
CHRY	68	02/20/04
D(a,h)A	9.7	02/20/04
INDENO	32	02/20/04
PHEN	150	02/20/04

SB-8

CONTAM	DETECT	DATE
ACEN	2.9	02/20/04
B(a)A	6.2	02/20/04
B(a)P	8.4	02/20/04
B(b)F	6.2	02/20/04
B(ghi)P	6.6	02/20/04
B(k)F	2.7	02/20/04
D(a,h)A	1.6	02/20/04
INDENO	5.9	02/20/04
PHEN	6.4	02/20/04

SB-1

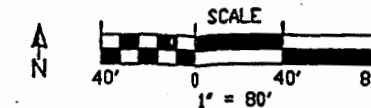
SB-10

CONTAM	DETECT	DATE
B(a)A	11	02/20/04
B(a)P	11	02/20/04
B(b)F	13	02/20/04
B(ghi)P	3.9J	02/20/04
B(k)F	4.2J	02/20/04
CHRY	11	02/20/04
INDENO	4.6J	02/20/04
PHEN	13	02/20/04

CONTAM	DETECT	DATE
NAP	130	02/20/04
DRD	450	02/20/04
LEAD	62.4	02/20/04
B(a)A	23	02/20/04
B(a)P	21	02/20/04
B(b)F	25	02/20/04
B(ghi)P	9.2	02/20/04
B(k)F	9.8	02/20/04
CHRY	23	02/20/04
D(a,h)A	2.9J	02/20/04
INDENO	9.4	02/20/04
PHEN	59	02/20/04

SB-6

FIGURE 3.1
SOIL CONTAMINANT
DISTRIBUTION



THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
DATE: 03/29/04 DRAWN BY: TJM
LOCATION: 1960 67TH PLACE
VEST ALLIS, WISCONSIN

Table 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†	<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	<0.025	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	
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

March 22, 2004

Table 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

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
mg/kg outlined	= milligrams per kilogram		bgs	= below ground surface
	= exceeds RCL			

March 22, 2004

Table 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
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	6.2 ^J	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
Recommended Residual Contaminant Level	GW	38	0.7	3000	17	48	360	6800	870	37	38	500	100	680	23	20	0.4	1.8	8700	
	DC-NI	900	18	5000	0.088	0.0088	0.088	1.8	0.88	8.8	0.0088	600	600	0.088	1100	600	20	18	500	
	DC-I	60000	360	300000	3.9	0.39	3.9	39	39	390	0.39	40000	40000	3.9	70000	40000	110	390	30000	

mg/kg = milligrams per kilogram GW = groundwater pathway DC-NI = direct contact pathway, non-industrial 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 21, 2004

Table 4
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Novak Property (Lime Pit)
West Allis, Wisconsin
Soil Analytical Results Table: Metals
All contaminants shown in mg/kg

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
Residual Contaminant Levels		NI	0.039		8	16,000	50			
		I	1.6	---	510	---	500	---	---	---

mg/kg = milligrams per kilogram

NI = non-industrial

I = industrial

Outlined = Exceeds Residual Contaminant Level

March 23, 2004

Table 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
Residual Contaminant Levels									

mg/kg = milligrams per kilogram

March 23, 2004

APPENDIX A

LABORATORY ANALYTICAL RESULTS

CHAIN OF CUSTODY RECORD

Synergy

Environmental Lab, LLC

Chain # No. 463

Page 1 of 1

Lab I.D. # _____
 Account No. : _____ Quote No.: _____
 Project #: _____
 Sampler: (signature) *J. Hosler*

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

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

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

Analysis Requested

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: _____

										Other Analysis											
Lab I.D.	Sample I.D.	Collection Date	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	PCB	RCRA METALS	PID/FID	
<i>Solo</i> A	SB-1 0-4	2/20	8 ³⁰		✓	N	3	S	METH	✓	✓	✓	✓	✓	✓						
B	SB-2 0-4		9 ⁰⁰				3			✓	✓	✓	✓	✓	✓						
C	SB-3 0-4		9 ³⁰				3			✓	✓	✓	✓	✓	✓						
D	SB-4 0-4		10 ⁰⁰				3			✓	✓	✓	✓	✓	✓						
E	SB-5 0-4		10 ³⁰				3			✓	✓	✓	✓	✓	✓						
F	SB-6 0-4		11 ⁰⁰				5			✓	✓	✓	✓	✓	✓			✓	✓		
G	SB-7 0-4		11 ³⁰				5			✓	✓	✓	✓	✓	✓			✓	✓		
H	SB-8 0-4		12 ⁰⁰				5			✓	✓	✓	✓	✓	✓			✓	✓		
I	SB-9 0-4		12 ³⁰				5			✓	✓	✓	✓	✓	✓			✓	✓		
J	SB-10 0-4		1 ⁰⁰				3			✓	✓	✓	✓	✓	✓						

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: Dubam
 Temp. of Temp. Blank: _____ °C On Ice: X
 Cooler seal intact upon receipt: X Yes ___ No

Relinquished By: (sign) *J. Hosler* Time Date Received By: (sign) Time Date
 _____ 2/23/04 _____
 Received in Laboratory By: *[Signature]* Time: 11:15 Date: 2/23/04
 _____ 5:10 AM _____

Synergy Environmental Lab, LLC

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

JEFF HOSLER
TEMCO

Cedarburg, WI 53012

Report Date 18-Mar-04

Project Name NOVAK SITE / WEST ALLIS WI
Project #

Invoice # E10515

Lab Code 5010515A
Sample ID SB-1 0-4
Sample Matrix Soil
Sample Date 2/20/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	86.0	%			1	5021	3/1/2004	CJR	1
Organic									
General									
Diesel Range Organics	160	mg/kg	2.4	7.7	1	DRO95	2/28/2004	MJR	1 43
Gasoline Range Organics	< 10	mg/kg	0.9	2.9	1	GRO95/8021	2/25/2004	CJR	1
PAH's									
Acenaphthene	< 560	ug/kg	560	1780	20	8270C	3/1/2004	MJR	1
Acenaphthylene	2900	ug/kg	640	2000	20	8270C	3/1/2004	MJR	1
Anthracene	3000	ug/kg	920	3000	20	8270C	3/1/2004	MJR	1
Benzo(a)anthracene	6200	ug/kg	660	2200	20	8270C	3/1/2004	MJR	1
Benzo(a)pyrene	8400	ug/kg	860	2800	20	8270C	3/1/2004	MJR	1
Benzo(b)fluoranthene	9600	ug/kg	840	2600	20	8270C	3/1/2004	MJR	1
Benzo(g,h,i)perylene	6600	ug/kg	640	2000	20	8270C	3/1/2004	MJR	1
Benzo(k)fluoranthene	2700	ug/kg	900	2800	20	8270C	3/1/2004	MJR	1
Chrysene	6900	ug/kg	920	3000	20	8270C	3/1/2004	MJR	1
Dibenzo(a,h)anthracene	1600	ug/kg	940	3000	20	8270C	3/1/2004	MJR	1
Fluoranthene	12000	ug/kg	600	1900	20	8270C	3/1/2004	MJR	1
Fluorene	830 "J"	ug/kg	640	2000	20	8270C	3/1/2004	MJR	1
Indeno(1,2,3-cd)pyrene	5900	ug/kg	1120	3600	20	8270C	3/1/2004	MJR	1
1-Methyl naphthalene	< 940	ug/kg	940	3000	20	8270C	3/1/2004	MJR	1
2-Methyl naphthalene	< 440	ug/kg	440	1400	20	8270C	3/1/2004	MJR	1
Naphthalene	< 780	ug/kg	780	2400	20	8270C	3/1/2004	MJR	1
Phenanthrene	6400	ug/kg	720	2400	20	8270C	3/1/2004	MJR	1
Pyrene	11000	ug/kg	780	2400	20	8270C	3/1/2004	MJR	1
VOC's									
Benzene	< 25	ug/kg	4.8	15	1	8260B	2/25/2004	CJR	1
Bromobenzene	< 25	ug/kg	12	39	1	8260B	2/25/2004	CJR	1
Bromodichloromethane	< 25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1

Lab Code 5010515A
 Sample ID SB-1 0-4
 Sample Matrix Soil
 Sample Date 2/20/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Bromoform	< 25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
tert-Butylbenzene	< 25	ug/kg	13	42	1	8260B	2/25/2004	CJR	1
sec-Butylbenzene	< 25	ug/kg	5.1	16	1	8260B	2/25/2004	CJR	1
n-Butylbenzene	< 25	ug/kg	5.8	19	1	8260B	2/25/2004	CJR	1
Carbon Tetrachloride	< 25	ug/kg	14	44	1	8260B	2/25/2004	CJR	1
Chlorobenzene	< 25	ug/kg	6.2	20	1	8260B	2/25/2004	CJR	1
Chloroethane	< 25	ug/kg	8.9	28	1	8260B	2/25/2004	CJR	1
Chloroform	< 25	ug/kg	8.7	28	1	8260B	2/25/2004	CJR	1
Chloromethane	< 25	ug/kg	9.7	31	1	8260B	2/25/2004	CJR	1
2-Chlorotoluene	< 25	ug/kg	5.1	16	1	8260B	2/25/2004	CJR	1
4-Chlorotoluene	< 25	ug/kg	3.4	11	1	8260B	2/25/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	17	52	1	8260B	2/25/2004	CJR	1
Dibromochloromethane	< 25	ug/kg	5.5	18	1	8260B	2/25/2004	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	2/25/2004	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
1,2-Dichloroethane	< 25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.8	28	1	8260B	2/25/2004	CJR	1
1,1-Dichloroethene	< 25	ug/kg	6.2	20	1	8260B	2/25/2004	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	14	44	1	8260B	2/25/2004	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	15	46	1	8260B	2/25/2004	CJR	1
1,2-Dichloropropane	< 25	ug/kg	10	32	1	8260B	2/25/2004	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	34	1	8260B	2/25/2004	CJR	1
1,3-Dichloropropane	< 25	ug/kg	7.1	23	1	8260B	2/25/2004	CJR	1
Di-isopropyl ether	< 25	ug/kg	4.1	13	1	8260B	2/25/2004	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
Ethylbenzene	< 25	ug/kg	3.6	11	1	8260B	2/25/2004	CJR	1
Hexachlorobutadiene	< 25	ug/kg	23	73	1	8260B	2/25/2004	CJR	1
Isopropylbenzene	< 25	ug/kg	6.7	21	1	8260B	2/25/2004	CJR	1
p-Isopropyltoluene	< 25	ug/kg	8	26	1	8260B	2/25/2004	CJR	1
Methylene chloride	< 25	ug/kg	24	77	1	8260B	2/25/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	4.1	13	1	8260B	2/25/2004	CJR	1
Naphthalene	250	ug/kg	17	53	1	8260B	2/25/2004	CJR	1
n-Propylbenzene	< 25	ug/kg	8.1	26	1	8260B	2/25/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	11	36	1	8260B	2/25/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 25	ug/kg	16	51	1	8260B	2/25/2004	CJR	1
Tetrachloroethene	< 25	ug/kg	8.7	28	1	8260B	2/25/2004	CJR	1
Toluene	< 25	ug/kg	4.3	14	1	8260B	2/25/2004	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	20	65	1	8260B	2/25/2004	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	14	46	1	8260B	2/25/2004	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	6	19	1	8260B	2/25/2004	CJR	1
Trichlorofluoromethane	< 25	ug/kg	13	42	1	8260B	2/25/2004	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.8	12	1	8260B	2/25/2004	CJR	1
Vinyl Chloride	< 25	ug/kg	6.1	19	1	8260B	2/25/2004	CJR	1
m&p-Xylene	< 50	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
o-Xylene	< 25	ug/kg	6.1	20	1	8260B	2/25/2004	CJR	1

Project #

Lab Code 5010515B
 Sample ID SB-2 0-4
 Sample Matrix Soil
 Sample Date 2/20/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	86.7	%			1	5021	3/1/2004	CJR	1
Organic									
General									
Diesel Range Organics	58	mg/kg	2.4	7.7	1	DRO95	2/28/2004	MJR	143
Gasoline Range Organics	< 10	mg/kg	0.9	2.9	1	GRO95/8021	2/25/2004	CJR	1
PAH's									
Acenaphthene	< 280	ug/kg	280	890	10	8270C	3/2/2004	MJR	1
Acenaphthylene	< 320	ug/kg	320	1000	10	8270C	3/2/2004	MJR	1
Anthracene	770 "J"	ug/kg	460	1500	10	8270C	3/2/2004	MJR	1
Benzo(a)anthracene	1000 "J"	ug/kg	330	1100	10	8270C	3/2/2004	MJR	1
Benzo(a)pyrene	1100 "J"	ug/kg	430	1400	10	8270C	3/2/2004	MJR	1
Benzo(b)fluoranthene	1500	ug/kg	420	1300	10	8270C	3/2/2004	MJR	1
Benzo(g,h,i)perylene	460 "J"	ug/kg	320	1000	10	8270C	3/2/2004	MJR	1
Benzo(k)fluoranthene	< 450	ug/kg	450	1400	10	8270C	3/2/2004	MJR	1
Chrysene	890 "J"	ug/kg	460	1500	10	8270C	3/2/2004	MJR	1
Dibenzo(a,h)anthracene	< 470	ug/kg	470	1500	10	8270C	3/2/2004	MJR	1
Fluoranthene	2400	ug/kg	300	950	10	8270C	3/2/2004	MJR	1
Fluorene	< 320	ug/kg	320	1000	10	8270C	3/2/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 560	ug/kg	560	1800	10	8270C	3/2/2004	MJR	1
1-Methyl naphthalene	< 470	ug/kg	470	1500	10	8270C	3/2/2004	MJR	1
2-Methyl naphthalene	< 220	ug/kg	220	700	10	8270C	3/2/2004	MJR	1
Naphthalene	< 390	ug/kg	390	1200	10	8270C	3/2/2004	MJR	1
Phenanthrene	1700	ug/kg	360	1200	10	8270C	3/2/2004	MJR	1
Pyrene	2100	ug/kg	390	1200	10	8270C	3/2/2004	MJR	1
VOC's									
Benzene	< 25	ug/kg	4.8	15	1	8260B	2/25/2004	CJR	1
Bromobenzene	< 25	ug/kg	12	39	1	8260B	2/25/2004	CJR	1
Bromodichloromethane	< 25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
Bromoform	< 25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
tert-Butylbenzene	< 25	ug/kg	13	42	1	8260B	2/25/2004	CJR	1
sec-Butylbenzene	< 25	ug/kg	5.1	16	1	8260B	2/25/2004	CJR	1
n-Butylbenzene	< 25	ug/kg	5.8	19	1	8260B	2/25/2004	CJR	1
Carbon Tetrachloride	< 25	ug/kg	14	44	1	8260B	2/25/2004	CJR	1
Chlorobenzene	< 25	ug/kg	6.2	20	1	8260B	2/25/2004	CJR	1
Chloroethane	< 25	ug/kg	8.9	28	1	8260B	2/25/2004	CJR	1
Chloroform	< 25	ug/kg	8.7	28	1	8260B	2/25/2004	CJR	1
Chloromethane	< 25	ug/kg	9.7	31	1	8260B	2/25/2004	CJR	1
2-Chlorotoluene	< 25	ug/kg	5.1	16	1	8260B	2/25/2004	CJR	1
4-Chlorotoluene	< 25	ug/kg	3.4	11	1	8260B	2/25/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	17	52	1	8260B	2/25/2004	CJR	1
Dibromochloromethane	< 25	ug/kg	5.5	18	1	8260B	2/25/2004	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	2/25/2004	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
1,2-Dichloroethane	< 25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.8	28	1	8260B	2/25/2004	CJR	1
1,1-Dichloroethene	< 25	ug/kg	6.2	20	1	8260B	2/25/2004	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	14	44	1	8260B	2/25/2004	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	15	46	1	8260B	2/25/2004	CJR	1
1,2-Dichloropropane	< 25	ug/kg	10	32	1	8260B	2/25/2004	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	34	1	8260B	2/25/2004	CJR	1

Project Name NOVAK SITE / WEST ALLIS WI
 Project #

Invoice # E10515

Lab Code 5010515B
 Sample ID SB-2 0-4
 Sample Matrix Soil
 Sample Date 2/20/2004

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

Lab Code 5010515C
 Sample ID SB-3 0-4
 Sample Matrix Soil
 Sample Date 2/20/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	80.1	%			1	5021	3/1/2004	CJR	1
Organic									
General									
Diesel Range Organics	14	mg/kg	2.4	7.7	1	DRO95	3/2/2004	MJR	143
Gasoline Range Organics	< 10	mg/kg	0.9	2.9	1	GRO95/8021	2/25/2004	CJR	1
PAH's									
Acenaphthene	<28	ug/kg	28	89	1	8270C	3/2/2004	MJR	1
Acenaphthylene	<32	ug/kg	32	100	1	8270C	3/2/2004	MJR	1
Anthracene	<46	ug/kg	46	150	1	8270C	3/2/2004	MJR	1
Benzo(a)anthracene	40 "J"	ug/kg	33	110	1	8270C	3/2/2004	MJR	1
Benzo(a)pyrene	45 "J"	ug/kg	43	140	1	8270C	3/2/2004	MJR	1
Benzo(b)fluoranthene	90 "J"	ug/kg	42	130	1	8270C	3/2/2004	MJR	1
Benzo(g,h,i)perylene	<32	ug/kg	32	100	1	8270C	3/2/2004	MJR	1
Benzo(k)fluoranthene	<45	ug/kg	45	140	1	8270C	3/2/2004	MJR	1
Chrysene	<46	ug/kg	46	150	1	8270C	3/2/2004	MJR	1
Dibenzo(a,h)anthracene	<47	ug/kg	47	150	1	8270C	3/2/2004	MJR	1
Fluoranthene	84 "J"	ug/kg	30	95	1	8270C	3/2/2004	MJR	1
Fluorene	<32	ug/kg	32	100	1	8270C	3/2/2004	MJR	1
Indeno(1,2,3-cd)pyrene	<56	ug/kg	56	180	1	8270C	3/2/2004	MJR	1

Lab Code 5010515C
 Sample ID SB-3 0-4
 Sample Matrix Soil
 Sample Date 2/20/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
1-Methyl naphthalene	< 47	ug/kg	47	150	1	8270C	3/2/2004	MJR	1
2-Methyl naphthalene	< 22	ug/kg	22	70	1	8270C	3/2/2004	MJR	1
Naphthalene	< 39	ug/kg	39	120	1	8270C	3/2/2004	MJR	1
Phenanthrene	41 "J"	ug/kg	36	120	1	8270C	3/2/2004	MJR	1
Pyrene	79 "J"	ug/kg	39	120	1	8270C	3/2/2004	MJR	1
VOC's									
Benzene	< 25	ug/kg	4.8	15	1	8260B	2/25/2004	CJR	1
Bromobenzene	< 25	ug/kg	12	39	1	8260B	2/25/2004	CJR	1
Bromodichloromethane	< 25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
Bromoform	< 25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
tert-Butylbenzene	< 25	ug/kg	13	42	1	8260B	2/25/2004	CJR	1
sec-Butylbenzene	< 25	ug/kg	5.1	16	1	8260B	2/25/2004	CJR	1
n-Butylbenzene	< 25	ug/kg	5.8	19	1	8260B	2/25/2004	CJR	1
Carbon Tetrachloride	< 25	ug/kg	14	44	1	8260B	2/25/2004	CJR	1
Chlorobenzene	< 25	ug/kg	6.2	20	1	8260B	2/25/2004	CJR	1
Chloroethane	< 25	ug/kg	8.9	28	1	8260B	2/25/2004	CJR	1
Chloroform	< 25	ug/kg	8.7	28	1	8260B	2/25/2004	CJR	1
Chloromethane	< 25	ug/kg	9.7	31	1	8260B	2/25/2004	CJR	1
2-Chlorotoluene	< 25	ug/kg	5.1	16	1	8260B	2/25/2004	CJR	1
4-Chlorotoluene	< 25	ug/kg	3.4	11	1	8260B	2/25/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	17	52	1	8260B	2/25/2004	CJR	1
Dibromochloromethane	< 25	ug/kg	5.5	18	1	8260B	2/25/2004	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	2/25/2004	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
1,2-Dichloroethane	< 25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.8	28	1	8260B	2/25/2004	CJR	1
1,1-Dichloroethene	< 25	ug/kg	6.2	20	1	8260B	2/25/2004	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	14	44	1	8260B	2/25/2004	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	15	46	1	8260B	2/25/2004	CJR	1
1,2-Dichloropropane	< 25	ug/kg	10	32	1	8260B	2/25/2004	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	34	1	8260B	2/25/2004	CJR	1
1,3-Dichloropropane	< 25	ug/kg	7.1	23	1	8260B	2/25/2004	CJR	1
Di-isopropyl ether	< 25	ug/kg	4.1	13	1	8260B	2/25/2004	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
Ethylbenzene	< 25	ug/kg	3.6	11	1	8260B	2/25/2004	CJR	1
Hexachlorobutadiene	< 25	ug/kg	23	73	1	8260B	2/25/2004	CJR	1
Isopropylbenzene	< 25	ug/kg	6.7	21	1	8260B	2/25/2004	CJR	1
p-Isopropyltoluene	< 25	ug/kg	8	26	1	8260B	2/25/2004	CJR	1
Methylene chloride	< 25	ug/kg	24	77	1	8260B	2/25/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	4.1	13	1	8260B	2/25/2004	CJR	1
Naphthalene	< 25	ug/kg	17	53	1	8260B	2/25/2004	CJR	1
n-Propylbenzene	< 25	ug/kg	8.1	26	1	8260B	2/25/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	11	36	1	8260B	2/25/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 25	ug/kg	16	51	1	8260B	2/25/2004	CJR	1
Tetrachloroethene	< 25	ug/kg	8.7	28	1	8260B	2/25/2004	CJR	1
Toluene	< 25	ug/kg	4.3	14	1	8260B	2/25/2004	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	20	65	1	8260B	2/25/2004	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	14	46	1	8260B	2/25/2004	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	6	19	1	8260B	2/25/2004	CJR	1
Trichlorofluoromethane	< 25	ug/kg	13	42	1	8260B	2/25/2004	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.8	12	1	8260B	2/25/2004	CJR	1

Lab Code 5010515C
Sample ID SB-3 0-4
Sample Matrix Soil
Sample Date 2/20/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Vinyl Chloride	< 25	ug/kg	6.1	19	1	8260B	2/25/2004	CJR	1
m&p-Xylene	< 50	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
o-Xylene	< 25	ug/kg	6.1	20	1	8260B	2/25/2004	CJR	1

Lab Code 5010515D
Sample ID SB-4 0-4
Sample Matrix Soil
Sample Date 2/20/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	85.1	%			1	5021	3/1/2004	CJR	1
Organic									
General									
Diesel Range Organics	190	mg/kg	2.4	7.7	1	DRO95	3/1/2004	MJR	1 43
Gasoline Range Organics	< 10	mg/kg	0.9	2.9	1	GRO95/8021	2/25/2004	CJR	1
PAH's									
Acenaphthene	< 560	ug/kg	560	1780	20	8270C	3/2/2004	MJR	1
Acenaphthylene	< 640	ug/kg	640	2000	20	8270C	3/2/2004	MJR	1
Anthracene	1040 "J"	ug/kg	920	3000	20	8270C	3/2/2004	MJR	1
Benzo(a)anthracene	1600 "J"	ug/kg	660	2200	20	8270C	3/2/2004	MJR	1
Benzo(a)pyrene	1600 "J"	ug/kg	860	2800	20	8270C	3/2/2004	MJR	1
Benzo(b)fluoranthene	2300 "J"	ug/kg	840	2600	20	8270C	3/2/2004	MJR	1
Benzo(g,h,i)perylene	< 640	ug/kg	640	2000	20	8270C	3/2/2004	MJR	1
Benzo(k)fluoranthene	< 900	ug/kg	900	2800	20	8270C	3/2/2004	MJR	1
Chrysene	1600 "J"	ug/kg	920	3000	20	8270C	3/2/2004	MJR	1
Dibenzo(a,h)anthracene	< 940	ug/kg	940	3000	20	8270C	3/2/2004	MJR	1
Fluoranthene	3800	ug/kg	600	1900	20	8270C	3/2/2004	MJR	1
Fluorene	< 640	ug/kg	640	2000	20	8270C	3/2/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 1120	ug/kg	1120	3600	20	8270C	3/2/2004	MJR	1
1-Methyl naphthalene	< 940	ug/kg	940	3000	20	8270C	3/2/2004	MJR	1
2-Methyl naphthalene	< 440	ug/kg	440	1400	20	8270C	3/2/2004	MJR	1
Naphthalene	< 780	ug/kg	780	2400	20	8270C	3/2/2004	MJR	1
Phenanthrene	2200 "J"	ug/kg	720	2400	20	8270C	3/2/2004	MJR	1
Pyrene	3400	ug/kg	780	2400	20	8270C	3/2/2004	MJR	1
VOC's									
Benzene	< 25	ug/kg	4.8	15	1	8260B	2/25/2004	CJR	1
Bromobenzene	< 25	ug/kg	12	39	1	8260B	2/25/2004	CJR	1
Bromodichloromethane	< 25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
Bromoform	< 25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
tert-Butylbenzene	< 25	ug/kg	13	42	1	8260B	2/25/2004	CJR	1
sec-Butylbenzene	< 25	ug/kg	5.1	16	1	8260B	2/25/2004	CJR	1
n-Butylbenzene	< 25	ug/kg	5.8	19	1	8260B	2/25/2004	CJR	1
Carbon Tetrachloride	< 25	ug/kg	14	44	1	8260B	2/25/2004	CJR	1
Chlorobenzene	< 25	ug/kg	6.2	20	1	8260B	2/25/2004	CJR	1
Chloroethane	< 25	ug/kg	8.9	28	1	8260B	2/25/2004	CJR	1
Chloroform	< 25	ug/kg	8.7	28	1	8260B	2/25/2004	CJR	1
Chloromethane	< 25	ug/kg	9.7	31	1	8260B	2/25/2004	CJR	1
2-Chlorotoluene	< 25	ug/kg	5.1	16	1	8260B	2/25/2004	CJR	1
4-Chlorotoluene	< 25	ug/kg	3.4	11	1	8260B	2/25/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	17	52	1	8260B	2/25/2004	CJR	1
Dibromochloromethane	< 25	ug/kg	5.5	18	1	8260B	2/25/2004	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	2/25/2004	CJR	1

Lab Code 5010515D
 Sample ID SB-4 0-4
 Sample Matrix Soil
 Sample Date 2/20/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
1,3-Dichlorobenzene	< 25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	2/25/2004	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
1,2-Dichloroethane	< 25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.8	28	1	8260B	2/25/2004	CJR	1
1,1-Dichloroethene	< 25	ug/kg	6.2	20	1	8260B	2/25/2004	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	14	44	1	8260B	2/25/2004	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	15	46	1	8260B	2/25/2004	CJR	1
1,2-Dichloropropane	< 25	ug/kg	10	32	1	8260B	2/25/2004	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	34	1	8260B	2/25/2004	CJR	1
1,3-Dichloropropane	< 25	ug/kg	7.1	23	1	8260B	2/25/2004	CJR	1
Di-isopropyl ether	< 25	ug/kg	4.1	13	1	8260B	2/25/2004	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
Ethylbenzene	< 25	ug/kg	3.6	11	1	8260B	2/25/2004	CJR	1
Hexachlorobutadiene	< 25	ug/kg	23	73	1	8260B	2/25/2004	CJR	1
Isopropylbenzene	< 25	ug/kg	6.7	21	1	8260B	2/25/2004	CJR	1
p-Isopropyltoluene	< 25	ug/kg	8	26	1	8260B	2/25/2004	CJR	1
Methylene chloride	< 25	ug/kg	24	77	1	8260B	2/25/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	4.1	13	1	8260B	2/25/2004	CJR	1
Naphthalene	38 "J"	ug/kg	17	53	1	8260B	2/25/2004	CJR	1
n-Propylbenzene	< 25	ug/kg	8.1	26	1	8260B	2/25/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	11	36	1	8260B	2/25/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 25	ug/kg	16	51	1	8260B	2/25/2004	CJR	1
Tetrachloroethene	< 25	ug/kg	8.7	28	1	8260B	2/25/2004	CJR	1
Toluene	< 25	ug/kg	4.3	14	1	8260B	2/25/2004	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	20	65	1	8260B	2/25/2004	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	14	46	1	8260B	2/25/2004	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	6	19	1	8260B	2/25/2004	CJR	1
Trichlorofluoromethane	< 25	ug/kg	13	42	1	8260B	2/25/2004	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.8	12	1	8260B	2/25/2004	CJR	1
Vinyl Chloride	< 25	ug/kg	6.1	19	1	8260B	2/25/2004	CJR	1
m&p-Xylene	< 50	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
o-Xylene	< 25	ug/kg	6.1	20	1	8260B	2/25/2004	CJR	1

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 Sample ID SB-5 0-4
 Sample Matrix Soil
 Sample Date 2/20/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	76.4	%			1	5021	3/1/2004	CJR	1
Organic									
General									
Diesel Range Organics	28	mg/kg	2.4	7.7	1	DRO95	3/2/2004	MJR	1 43
Gasoline Range Organics	< 10	mg/kg	0.9	2.9	1	GRO95/8021	2/25/2004	CJR	1
PAH's									
Acenaphthene	< 140	ug/kg	140	445	5	8270C	3/2/2004	MJR	1
Acenaphthylene	< 160	ug/kg	160	500	5	8270C	3/2/2004	MJR	1
Anthracene	< 230	ug/kg	230	750	5	8270C	3/2/2004	MJR	1

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 Sample Matrix Soil
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	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Benzo(a)anthracene	530 "J"	ug/kg	165	550	5	8270C	3/2/2004	MJR	1
Benzo(a)pyrene	600 "J"	ug/kg	215	700	5	8270C	3/2/2004	MJR	1
Benzo(b)fluoranthene	1000	ug/kg	210	650	5	8270C	3/2/2004	MJR	1
Benzo(g,h,i)perylene	220 "J"	ug/kg	160	500	5	8270C	3/2/2004	MJR	1
Benzo(k)fluoranthene	250 "J"	ug/kg	225	700	5	8270C	3/2/2004	MJR	1
Chrysene	640 "J"	ug/kg	230	750	5	8270C	3/2/2004	MJR	1
Dibenzo(a,h)anthracene	< 235	ug/kg	235	750	5	8270C	3/2/2004	MJR	1
Fluoranthene	1100	ug/kg	150	475	5	8270C	3/2/2004	MJR	1
Fluorene	< 160	ug/kg	160	500	5	8270C	3/2/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 280	ug/kg	280	900	5	8270C	3/2/2004	MJR	1
1-Methyl naphthalene	< 235	ug/kg	235	750	5	8270C	3/2/2004	MJR	1
2-Methyl naphthalene	< 110	ug/kg	110	350	5	8270C	3/2/2004	MJR	1
Naphthalene	< 195	ug/kg	195	600	5	8270C	3/2/2004	MJR	1
Phenanthrene	430 "J"	ug/kg	180	600	5	8270C	3/2/2004	MJR	1
Pyrene	980	ug/kg	195	600	5	8270C	3/2/2004	MJR	1
VOC's									
Benzene	< 25	ug/kg	4.8	15	1	8260B	2/25/2004	CJR	1
Bromobenzene	< 25	ug/kg	12	39	1	8260B	2/25/2004	CJR	1
Bromodichloromethane	< 25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
Bromoform	< 25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
tert-Butylbenzene	< 25	ug/kg	13	42	1	8260B	2/25/2004	CJR	1
sec-Butylbenzene	< 25	ug/kg	5.1	16	1	8260B	2/25/2004	CJR	1
n-Butylbenzene	< 25	ug/kg	5.8	19	1	8260B	2/25/2004	CJR	1
Carbon Tetrachloride	< 25	ug/kg	14	44	1	8260B	2/25/2004	CJR	1
Chlorobenzene	< 25	ug/kg	6.2	20	1	8260B	2/25/2004	CJR	1
Chloroethane	< 25	ug/kg	8.9	28	1	8260B	2/25/2004	CJR	1
Chloroform	< 25	ug/kg	8.7	28	1	8260B	2/25/2004	CJR	1
Chloromethane	< 25	ug/kg	9.7	31	1	8260B	2/25/2004	CJR	1
2-Chlorotoluene	< 25	ug/kg	5.1	16	1	8260B	2/25/2004	CJR	1
4-Chlorotoluene	< 25	ug/kg	3.4	11	1	8260B	2/25/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	17	52	1	8260B	2/25/2004	CJR	1
Dibromochloromethane	< 25	ug/kg	5.5	18	1	8260B	2/25/2004	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	2/25/2004	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
1,2-Dichloroethane	< 25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.8	28	1	8260B	2/25/2004	CJR	1
1,1-Dichloroethene	< 25	ug/kg	6.2	20	1	8260B	2/25/2004	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	14	44	1	8260B	2/25/2004	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	15	46	1	8260B	2/25/2004	CJR	1
1,2-Dichloropropane	< 25	ug/kg	10	32	1	8260B	2/25/2004	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	34	1	8260B	2/25/2004	CJR	1
1,3-Dichloropropane	< 25	ug/kg	7.1	23	1	8260B	2/25/2004	CJR	1
Di-isopropyl ether	< 25	ug/kg	4.1	13	1	8260B	2/25/2004	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
Ethylbenzene	< 25	ug/kg	3.6	11	1	8260B	2/25/2004	CJR	1
Hexachlorobutadiene	< 25	ug/kg	23	73	1	8260B	2/25/2004	CJR	1
Isopropylbenzene	< 25	ug/kg	6.7	21	1	8260B	2/25/2004	CJR	1
p-Isopropyltoluene	< 25	ug/kg	8	26	1	8260B	2/25/2004	CJR	1
Methylene chloride	< 25	ug/kg	24	77	1	8260B	2/25/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	4.1	13	1	8260B	2/25/2004	CJR	1
Naphthalene	< 25	ug/kg	17	53	1	8260B	2/25/2004	CJR	1
n-Propylbenzene	< 25	ug/kg	8.1	26	1	8260B	2/25/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	11	36	1	8260B	2/25/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 25	ug/kg	16	51	1	8260B	2/25/2004	CJR	1

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	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Tetrachloroethene	< 25	ug/kg	8.7	28	1	8260B	2/25/2004	CJR	1
Toluene	< 25	ug/kg	4.3	14	1	8260B	2/25/2004	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	20	65	1	8260B	2/25/2004	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	14	46	1	8260B	2/25/2004	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	6	19	1	8260B	2/25/2004	CJR	1
Trichlorofluoromethane	< 25	ug/kg	13	42	1	8260B	2/25/2004	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.8	12	1	8260B	2/25/2004	CJR	1
Vinyl Chloride	< 25	ug/kg	6.1	19	1	8260B	2/25/2004	CJR	1
m&p-Xylene	< 50	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
o-Xylene	< 25	ug/kg	6.1	20	1	8260B	2/25/2004	CJR	1

Lab Code 5010515F
 Sample ID SB-6 0-4
 Sample Matrix Soil
 Sample Date 2/20/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	86.0	%			1	5021	3/1/2004	CJR	1
Inorganic									
Metals									
Arsenic, Total	< 3	mg/kg	3		1	EPA 6010B	3/3/2004	GLA	1
Barium, Total	69	mg/kg	30		1	EPA 6010B	3/3/2004	GLA	1
Cadmium, Total	< 0.6	mg/kg	0.6		1	EPA 6010B	3/3/2004	GLA	1
Chromium, Total	19.6	mg/kg	0.6		1	EPA 6010B	3/3/2004	GLA	1
Lead, Total	62.4	mg/kg	1.2		1	EPA 6010B	3/3/2004	GLA	1
Mercury, Total	0.080	mg/kg	0.047		1	EPA 7471A	3/1/2004	GLA	1
Selenium, Total	< 3	mg/kg	3		1	EPA 6010B	3/3/2004	GLA	1
Silver, Total	< 3	mg/kg	3		1	EPA 6010B	3/3/2004	GLA	1
Organic									
General									
PCB-1016	< 15.8	ug/kg	13	43.3	10	EPA 8082	3/10/2004	UFE	1
PCB-1221	< 31.6	ug/kg	26	86.6	10	EPA 8082	3/10/2004	UFE	1
PCB-1232	< 54.8	ug/kg	45	150	10	EPA 8082	3/10/2004	UFE	1
PCB-1242	< 12.2	ug/kg	10	33.3	10	EPA 8082	3/10/2004	UFE	1
PCB-1248	< 37.7	ug/kg	31	103	10	EPA 8082	3/10/2004	UFE	1
PCB-1254	< 54.8	ug/kg	45	150	50	EPA 8082	3/10/2004	UFE	1
PCB-1260	< 85.2	ug/kg	70	233	50	EPA 8082	3/10/2004	UFE	1
Diesel Range Organics	450	mg/kg	24	77	10	DRO95	3/1/2004	MJR	1 43
Gasoline Range Organics	11	mg/kg	0.9	2.9	1	GRO95/8021	2/25/2004	CJR	1
PAH's									
Acenaphthene	15000	ug/kg	1400	4450	50	8270C	3/1/2004	MJR	1
Acenaphthylene	< 1600	ug/kg	1600	5000	50	8270C	3/1/2004	MJR	1
Anthracene	29000	ug/kg	2300	7500	50	8270C	3/1/2004	MJR	1
Benzo(a)anthracene	23000	ug/kg	1650	5500	50	8270C	3/1/2004	MJR	1
Benzo(a)pyrene	21000	ug/kg	2150	7000	50	8270C	3/1/2004	MJR	1
Benzo(b)fluoranthene	25000	ug/kg	2100	6500	50	8270C	3/1/2004	MJR	1
Benzo(g,h,i)perylene	9200	ug/kg	1600	5000	50	8270C	3/1/2004	MJR	1
Benzo(k)fluoranthene	9800	ug/kg	2250	7000	50	8270C	3/1/2004	MJR	1
Chrysene	23000	ug/kg	2300	7500	50	8270C	3/1/2004	MJR	1

Project Name NOVAK SITE / WEST ALLIS WI
 Project #

Invoice # E10515

Lab Code 5010515F
 Sample ID SB-6 0-4
 Sample Matrix Soil
 Sample Date 2/20/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Dibenzo(a,h)anthracene	2900 "J"	ug/kg	2350	7500	50	8270C	3/1/2004	MJR	1
Fluoranthene	50000	ug/kg	1500	4750	50	8270C	3/1/2004	MJR	1
Fluorene	19000	ug/kg	1600	5000	50	8270C	3/1/2004	MJR	1
Indeno(1,2,3-cd)pyrene	9400	ug/kg	2800	9000	50	8270C	3/1/2004	MJR	1
1-Methyl naphthalene	4800 "J"	ug/kg	2350	7500	50	8270C	3/1/2004	MJR	1
2-Methyl naphthalene	9500	ug/kg	1100	3500	50	8270C	3/1/2004	MJR	1
Naphthalene	37000	ug/kg	1950	6000	50	8270C	3/1/2004	MJR	1
Phenanthrene	59000	ug/kg	1800	6000	50	8270C	3/1/2004	MJR	1
Pyrene	45000	ug/kg	1950	6000	50	8270C	3/1/2004	MJR	1
VOC's									
Benzene	< 25	ug/kg	4.8	15	1	8260B	2/25/2004	CJR	1
Bromobenzene	< 25	ug/kg	12	39	1	8260B	2/25/2004	CJR	1
Bromodichloromethane	< 25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
Bromoform	< 25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
tert-Butylbenzene	< 25	ug/kg	13	42	1	8260B	2/25/2004	CJR	1
sec-Butylbenzene	< 25	ug/kg	5.1	16	1	8260B	2/25/2004	CJR	1
n-Butylbenzene	< 25	ug/kg	5.8	19	1	8260B	2/25/2004	CJR	1
Carbon Tetrachloride	< 25	ug/kg	14	44	1	8260B	2/25/2004	CJR	1
Chlorobenzene	< 25	ug/kg	6.2	20	1	8260B	2/25/2004	CJR	1
Chloroethane	< 25	ug/kg	8.9	28	1	8260B	2/25/2004	CJR	1
Chloroform	< 25	ug/kg	8.7	28	1	8260B	2/25/2004	CJR	1
Chloromethane	< 25	ug/kg	9.7	31	1	8260B	2/25/2004	CJR	1
2-Chlorotoluene	< 25	ug/kg	5.1	16	1	8260B	2/25/2004	CJR	1
4-Chlorotoluene	< 25	ug/kg	3.4	11	1	8260B	2/25/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	17	52	1	8260B	2/25/2004	CJR	1
Dibromochloromethane	< 25	ug/kg	5.5	18	1	8260B	2/25/2004	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	2/25/2004	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
1,2-Dichloroethane	< 25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.8	28	1	8260B	2/25/2004	CJR	1
1,1-Dichloroethene	< 25	ug/kg	6.2	20	1	8260B	2/25/2004	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	14	44	1	8260B	2/25/2004	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	15	46	1	8260B	2/25/2004	CJR	1
1,2-Dichloropropane	< 25	ug/kg	10	32	1	8260B	2/25/2004	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	34	1	8260B	2/25/2004	CJR	1
1,3-Dichloropropane	< 25	ug/kg	7.1	23	1	8260B	2/25/2004	CJR	1
Di-isopropyl ether	< 25	ug/kg	4.1	13	1	8260B	2/25/2004	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
Ethylbenzene	< 25	ug/kg	3.6	11	1	8260B	2/25/2004	CJR	1
Hexachlorobutadiene	< 25	ug/kg	23	73	1	8260B	2/25/2004	CJR	1
Isopropylbenzene	< 25	ug/kg	6.7	21	1	8260B	2/25/2004	CJR	1
p-Isopropyltoluene	< 25	ug/kg	8	26	1	8260B	2/25/2004	CJR	1
Methylene chloride	< 25	ug/kg	24	77	1	8260B	2/25/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	4.1	13	1	8260B	2/25/2004	CJR	1
Naphthalene	13000	ug/kg	170	530	10	8260B	3/2/2004	CJR	1
n-Propylbenzene	< 25	ug/kg	8.1	26	1	8260B	2/25/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	11	36	1	8260B	2/25/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 25	ug/kg	16	51	1	8260B	2/25/2004	CJR	1
Tetrachloroethene	< 25	ug/kg	8.7	28	1	8260B	2/25/2004	CJR	1
Toluene	29	ug/kg	4.3	14	1	8260B	2/25/2004	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	20	65	1	8260B	2/25/2004	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	14	46	1	8260B	2/25/2004	CJR	1

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Sample ID SB-6 0-4
Sample Matrix Soil
Sample Date 2/20/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Trichloroethene (TCE)	< 25	ug/kg	6	19	1	8260B	2/25/2004	CJR	1
Trichlorofluoromethane	< 25	ug/kg	13	42	1	8260B	2/25/2004	CJR	1
1,2,4-Trimethylbenzene	37	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.8	12	1	8260B	2/25/2004	CJR	1
Vinyl Chloride	< 25	ug/kg	6.1	19	1	8260B	2/25/2004	CJR	1
m&p-Xylene	< 50	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
o-Xylene	32	ug/kg	6.1	20	1	8260B	2/25/2004	CJR	1

Lab Code 5010515G
Sample ID SB-7 0-4
Sample Matrix Soil
Sample Date 2/20/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	89.3	%			1	5021	3/1/2004	CJR	1
Inorganic									
Metals									
Arsenic, Total	3.06	mg/kg	3		1	EPA 6010B	3/3/2004	GLA	1
Barium, Total	42.6	mg/kg	30		1	EPA 6010B	3/3/2004	GLA	1
Cadmium, Total	< 0.6	mg/kg	0.6		1	EPA 6010B	3/3/2004	GLA	1
Chromium, Total	8.99	mg/kg	0.6		1	EPA 6010B	3/3/2004	GLA	1
Lead, Total	32.1	mg/kg	1.2		1	EPA 6010B	3/3/2004	GLA	1
Mercury, Total	0.137	mg/kg	0.047		1	EPA 7471A	3/1/2004	GLA	1
Selenium, Total	< 3	mg/kg	3		1	EPA 6010B	3/3/2004	GLA	1
Silver, Total	< 3	mg/kg	3		1	EPA 6010B	3/3/2004	GLA	1
Organic									
General									
PCB-1232	< 50.7	ug/kg	45	150	10	EPA 8082	3/10/2004	UFE	160
PCB-1260	< 78.8	ug/kg	70	233	50	EPA 8082	3/10/2004	UFE	160
PCB-1254	< 101	ug/kg	90	300	100	EPA 8082	3/10/2004	UFE	160
PCB-1248	< 34.9	ug/kg	31	103	10	EPA 8082	3/10/2004	UFE	160
PCB-1242	< 11.3	ug/kg	10	33.3	10	EPA 8082	3/10/2004	UFE	160
PCB-1221	< 29.3	ug/kg	26	86.6	10	EPA 8082	3/10/2004	UFE	160
PCB-1016	< 14.6	ug/kg	13	43.3	10	EPA 8082	3/10/2004	UFE	160
Diesel Range Organics	450	mg/kg	24	77	10	DRO95	3/1/2004	MJR	143
Gasoline Range Organics	< 10	mg/kg	0.9	2.9	1	GRO95/8021	2/25/2004	CJR	1
PAH's									
Acenaphthene	< 1400	ug/kg	1400	4450	50	8270C	3/1/2004	MJR	1
Acenaphthylene	1900 "J"	ug/kg	1600	5000	50	8270C	3/1/2004	MJR	1
Anthracene	5100 "J"	ug/kg	2300	7500	50	8270C	3/1/2004	MJR	1
Benzo(a)anthracene	11000	ug/kg	1650	5500	50	8270C	3/1/2004	MJR	1
Benzo(a)pyrene	14000	ug/kg	2150	7000	50	8270C	3/1/2004	MJR	1
Benzo(b)fluoranthene	16000	ug/kg	2100	6500	50	8270C	3/1/2004	MJR	1
Benzo(g,h,i)perylene	6200	ug/kg	1600	5000	50	8270C	3/1/2004	MJR	1
Benzo(k)fluoranthene	7800	ug/kg	2250	7000	50	8270C	3/1/2004	MJR	1
Chrysene	12000	ug/kg	2300	7500	50	8270C	3/1/2004	MJR	1
Dibenzo(a,h)anthracene	< 2350	ug/kg	2350	7500	50	8270C	3/1/2004	MJR	1
Fluoranthene	22000	ug/kg	1500	4750	50	8270C	3/1/2004	MJR	1
Fluorene	1600 "J"	ug/kg	1600	5000	50	8270C	3/1/2004	MJR	1
Indeno(1,2,3-cd)pyrene	6000 "J"	ug/kg	2800	9000	50	8270C	3/1/2004	MJR	1
1-Methyl naphthalene	< 2350	ug/kg	2350	7500	50	8270C	3/1/2004	MJR	1
2-Methyl naphthalene	< 1100	ug/kg	1100	3500	50	8270C	3/1/2004	MJR	1

Lab Code 5010515G
 Sample ID SB-7 0-4
 Sample Matrix Soil
 Sample Date 2/20/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Naphthalene	< 1950	ug/kg	1950	6000	50	8270C	3/1/2004	MJR	1
Phenanthrene	11000	ug/kg	1800	6000	50	8270C	3/1/2004	MJR	1
Pyrene	19000	ug/kg	1950	6000	50	8270C	3/1/2004	MJR	1
VOC's									
Benzene	<25	ug/kg	4.8	15	1	8260B	2/25/2004	CJR	1
Bromobenzene	<25	ug/kg	12	39	1	8260B	2/25/2004	CJR	1
Bromodichloromethane	<25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
Bromoform	<25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
tert-Butylbenzene	<25	ug/kg	13	42	1	8260B	2/25/2004	CJR	1
sec-Butylbenzene	<25	ug/kg	5.1	16	1	8260B	2/25/2004	CJR	1
n-Butylbenzene	<25	ug/kg	5.8	19	1	8260B	2/25/2004	CJR	1
Carbon Tetrachloride	<25	ug/kg	14	44	1	8260B	2/25/2004	CJR	1
Chlorobenzene	<25	ug/kg	6.2	20	1	8260B	2/25/2004	CJR	1
Chloroethane	<25	ug/kg	8.9	28	1	8260B	2/25/2004	CJR	1
Chloroform	<25	ug/kg	8.7	28	1	8260B	2/25/2004	CJR	1
Chloromethane	<25	ug/kg	9.7	31	1	8260B	2/25/2004	CJR	1
2-Chlorotoluene	<25	ug/kg	5.1	16	1	8260B	2/25/2004	CJR	1
4-Chlorotoluene	<25	ug/kg	3.4	11	1	8260B	2/25/2004	CJR	1
1,2-Dibromo-3-chloropropane	<25	ug/kg	17	52	1	8260B	2/25/2004	CJR	1
Dibromochloromethane	<25	ug/kg	5.5	18	1	8260B	2/25/2004	CJR	1
1,4-Dichlorobenzene	<25	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
1,3-Dichlorobenzene	<25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,2-Dichlorobenzene	<25	ug/kg	8.8	28	1	8260B	2/25/2004	CJR	1
Dichlorodifluoromethane	<25	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
1,2-Dichloroethane	<25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,1-Dichloroethane	<25	ug/kg	8.8	28	1	8260B	2/25/2004	CJR	1
1,1-Dichloroethene	<25	ug/kg	6.2	20	1	8260B	2/25/2004	CJR	1
cis-1,2-Dichloroethene	<25	ug/kg	14	44	1	8260B	2/25/2004	CJR	1
trans-1,2-Dichloroethene	<25	ug/kg	15	46	1	8260B	2/25/2004	CJR	1
1,2-Dichloropropane	<25	ug/kg	10	32	1	8260B	2/25/2004	CJR	1
2,2-Dichloropropane	<25	ug/kg	11	34	1	8260B	2/25/2004	CJR	1
1,3-Dichloropropane	<25	ug/kg	7.1	23	1	8260B	2/25/2004	CJR	1
Di-isopropyl ether	<25	ug/kg	4.1	13	1	8260B	2/25/2004	CJR	1
EDB (1,2-Dibromoethane)	<25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
Ethylbenzene	<25	ug/kg	3.6	11	1	8260B	2/25/2004	CJR	1
Hexachlorobutadiene	<25	ug/kg	23	73	1	8260B	2/25/2004	CJR	1
Isopropylbenzene	<25	ug/kg	6.7	21	1	8260B	2/25/2004	CJR	1
p-Isopropyltoluene	<25	ug/kg	8	26	1	8260B	2/25/2004	CJR	1
Methylene chloride	<25	ug/kg	24	77	1	8260B	2/25/2004	CJR	1
Methyl tert-butyl ether (MTBE)	<25	ug/kg	4.1	13	1	8260B	2/25/2004	CJR	1
Naphthalene	157	ug/kg	17	53	1	8260B	2/25/2004	CJR	1
n-Propylbenzene	<25	ug/kg	8.1	26	1	8260B	2/25/2004	CJR	1
1,1,2,2-Tetrachloroethane	<25	ug/kg	11	36	1	8260B	2/25/2004	CJR	1
1,1,1,2-Tetrachloroethane	<25	ug/kg	16	51	1	8260B	2/25/2004	CJR	1
Tetrachloroethene	<25	ug/kg	8.7	28	1	8260B	2/25/2004	CJR	1
Toluene	<25	ug/kg	4.3	14	1	8260B	2/25/2004	CJR	1
1,2,4-Trichlorobenzene	<25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
1,2,3-Trichlorobenzene	<25	ug/kg	20	65	1	8260B	2/25/2004	CJR	1
1,1,1-Trichloroethane	<25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,1,2-Trichloroethane	<25	ug/kg	14	46	1	8260B	2/25/2004	CJR	1
Trichloroethene (TCE)	<25	ug/kg	6	19	1	8260B	2/25/2004	CJR	1
Trichlorofluoromethane	<25	ug/kg	13	42	1	8260B	2/25/2004	CJR	1
1,2,4-Trimethylbenzene	<25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
1,3,5-Trimethylbenzene	<25	ug/kg	3.8	12	1	8260B	2/25/2004	CJR	1
Vinyl Chloride	<25	ug/kg	6.1	19	1	8260B	2/25/2004	CJR	1
m&p-Xylene	<50	ug/kg	10	33	1	8260B	2/25/2004	CJR	1

Project Name NOVAK SITE / WEST ALLIS WI
 Project #

Invoice # E10515

Lab Code 5010515G
 Sample ID SB-7 0-4
 Sample Matrix Soil
 Sample Date 2/20/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
o-Xylene	< 25	ug/kg	6.1	20	1	8260B	2/25/2004	CJR	1

Lab Code 5010515H
 Sample ID SB-8 0-4
 Sample Matrix Soil
 Sample Date 2/20/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
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General

General

Solids Percent	83.4	%			1	5021	3/1/2004	CJR	1
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Inorganic

Metals

Arsenic, Total	< 3	mg/kg	3		1	EPA 6010B	3/3/2004	GLA	1
Barium, Total	34.3	mg/kg	30		1	EPA 6010B	3/3/2004	GLA	1
Cadmium, Total	< 0.6	mg/kg	0.6		1	EPA 6010B	3/3/2004	GLA	1
Chromium, Total	9.95	mg/kg	0.6		1	EPA 6010B	3/3/2004	GLA	1
Lead, Total	41.3	mg/kg	1.2		1	EPA 6010B	3/3/2004	GLA	1
Mercury, Total	0.1957	mg/kg	0.047		1	EPA 7471A	3/1/2004	GLA	1
Selenium, Total	< 3	mg/kg	3		1	EPA 6010B	3/3/2004	GLA	1
Silver, Total	< 3	mg/kg	3		1	EPA 6010B	3/3/2004	GLA	1

Organic

General

PCB-1242	< 2.3	ug/kg	2	6.66	2	EPA 8082	3/10/2004	UFE	1
PCB-1016	< 2.99	ug/kg	2.6	8.66	2	EPA 8082	3/10/2004	UFE	1
PCB-1260	< 32.2	ug/kg	28	93.2	20	EPA 8082	3/10/2004	UFE	1
PCB-1221	< 5.97	ug/kg	5.2	17.32	2	EPA 8082	3/10/2004	UFE	1
PCB-1254	< 20.7	ug/kg	18	60	20	EPA 8082	3/10/2004	UFE	1
PCB-1232	< 10.3	ug/kg	9	30	2	EPA 8082	3/10/2004	UFE	1
PCB-1248	< 7.12	ug/kg	6.2	20.6	2	EPA 8082	3/10/2004	UFE	1
Diesel Range Organics	330	mg/kg	2.4	7.7	1	DRO95	3/1/2004	MJR	143
Gasoline Range Organics	< 10	mg/kg	0.9	2.9	1	GRO95/8021	2/25/2004	CJR	1

PAH's

Acenaphthene	20000	ug/kg	1400	4450	50	8270C	3/1/2004	MJR	1
Acenaphthylene	2500 "J"	ug/kg	1600	5000	50	8270C	3/1/2004	MJR	1
Anthracene	49000	ug/kg	2300	7500	50	8270C	3/1/2004	MJR	1
Benzo(a)anthracene	75000	ug/kg	1650	5500	50	8270C	3/1/2004	MJR	1
Benzo(a)pyrene	46000	ug/kg	2150	7000	50	8270C	3/1/2004	MJR	1
Benzo(b)fluoranthene	90000	ug/kg	2100	6500	50	8270C	3/1/2004	MJR	1
Benzo(g,h,i)perylene	30000	ug/kg	1600	5000	50	8270C	3/1/2004	MJR	1
Benzo(k)fluoranthene	30000	ug/kg	2250	7000	50	8270C	3/1/2004	MJR	1
Chrysene	68000	ug/kg	2300	7500	50	8270C	3/1/2004	MJR	1
Dibenzo(a,h)anthracene	9700	ug/kg	2350	7500	50	8270C	3/1/2004	MJR	1
Fluoranthene	180000	ug/kg	6000	19000	200	8270C	3/1/2004	MJR	1
Fluorene	25000	ug/kg	1600	5000	50	8270C	3/1/2004	MJR	1
Indeno(1,2,3-cd)pyrene	32000	ug/kg	2800	9000	50	8270C	3/1/2004	MJR	1
1-Methyl naphthalene	2700 "J"	ug/kg	2350	7500	50	8270C	3/1/2004	MJR	1
2-Methyl naphthalene	2900 "J"	ug/kg	1100	3500	50	8270C	3/1/2004	MJR	1
Naphthalene	5000 "J"	ug/kg	1950	6000	50	8270C	3/1/2004	MJR	1
Phenanthrene	150000	ug/kg	7200	24000	200	8270C	3/1/2004	MJR	1
Pyrene	170000	ug/kg	7800	24000	200	8270C	3/1/2004	MJR	1

VOC's

Benzene	< 25	ug/kg	4.8	15	1	8260B	2/25/2004	CJR	1
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Project Name NOVAK SITE / WEST ALLIS WI
 Project #

Invoice # E10515

Lab Code 5010515H
 Sample ID SB-8 0-4
 Sample Matrix Soil
 Sample Date 2/20/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Bromobenzene	<25	ug/kg	12	39	1	8260B	2/25/2004	CJR	1
Bromodichloromethane	<25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
Bromoform	<25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
tert-Butylbenzene	<25	ug/kg	13	42	1	8260B	2/25/2004	CJR	1
sec-Butylbenzene	<25	ug/kg	5.1	16	1	8260B	2/25/2004	CJR	1
n-Butylbenzene	<25	ug/kg	5.8	19	1	8260B	2/25/2004	CJR	1
Carbon Tetrachloride	<25	ug/kg	14	44	1	8260B	2/25/2004	CJR	1
Chlorobenzene	<25	ug/kg	6.2	20	1	8260B	2/25/2004	CJR	1
Chloroethane	<25	ug/kg	8.9	28	1	8260B	2/25/2004	CJR	1
Chloroform	<25	ug/kg	8.7	28	1	8260B	2/25/2004	CJR	1
Chloromethane	<25	ug/kg	9.7	31	1	8260B	2/25/2004	CJR	1
2-Chlorotoluene	<25	ug/kg	5.1	16	1	8260B	2/25/2004	CJR	1
4-Chlorotoluene	<25	ug/kg	3.4	11	1	8260B	2/25/2004	CJR	1
1,2-Dibromo-3-chloropropane	<25	ug/kg	17	52	1	8260B	2/25/2004	CJR	1
Dibromochloromethane	<25	ug/kg	5.5	18	1	8260B	2/25/2004	CJR	1
1,4-Dichlorobenzene	<25	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
1,3-Dichlorobenzene	<25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,2-Dichlorobenzene	<25	ug/kg	8.8	28	1	8260B	2/25/2004	CJR	1
Dichlorodifluoromethane	<25	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
1,2-Dichloroethane	<25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,1-Dichloroethane	<25	ug/kg	8.8	28	1	8260B	2/25/2004	CJR	1
1,1-Dichloroethene	<25	ug/kg	6.2	20	1	8260B	2/25/2004	CJR	1
cis-1,2-Dichloroethene	<25	ug/kg	14	44	1	8260B	2/25/2004	CJR	1
trans-1,2-Dichloroethene	<25	ug/kg	15	46	1	8260B	2/25/2004	CJR	1
1,2-Dichloropropane	<25	ug/kg	10	32	1	8260B	2/25/2004	CJR	1
2,2-Dichloropropane	<25	ug/kg	11	34	1	8260B	2/25/2004	CJR	1
1,3-Dichloropropane	<25	ug/kg	7.1	23	1	8260B	2/25/2004	CJR	1
Di-isopropyl ether	<25	ug/kg	4.1	13	1	8260B	2/25/2004	CJR	1
EDB (1,2-Dibromoethane)	<25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
Ethylbenzene	<25	ug/kg	3.6	11	1	8260B	2/25/2004	CJR	1
Hexachlorobutadiene	<25	ug/kg	23	73	1	8260B	2/25/2004	CJR	1
Isopropylbenzene	<25	ug/kg	6.7	21	1	8260B	2/25/2004	CJR	1
p-Isopropyltoluene	<25	ug/kg	8	26	1	8260B	2/25/2004	CJR	1
Methylene chloride	<25	ug/kg	24	77	1	8260B	2/25/2004	CJR	1
Methyl tert-butyl ether (MTBE)	<25	ug/kg	4.1	13	1	8260B	2/25/2004	CJR	1
Naphthalene	1540	ug/kg	17	53	1	8260B	2/25/2004	CJR	1
n-Propylbenzene	<25	ug/kg	8.1	26	1	8260B	2/25/2004	CJR	1
1,1,2,2-Tetrachloroethane	<25	ug/kg	11	36	1	8260B	2/25/2004	CJR	1
1,1,1,2-Tetrachloroethane	<25	ug/kg	16	51	1	8260B	2/25/2004	CJR	1
Tetrachloroethene	<25	ug/kg	8.7	28	1	8260B	2/25/2004	CJR	1
Toluene	<25	ug/kg	4.3	14	1	8260B	2/25/2004	CJR	1
1,2,4-Trichlorobenzene	<25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
1,2,3-Trichlorobenzene	<25	ug/kg	20	65	1	8260B	2/25/2004	CJR	1
1,1,1-Trichloroethane	<25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,1,2-Trichloroethane	<25	ug/kg	14	46	1	8260B	2/25/2004	CJR	1
Trichloroethene (TCE)	<25	ug/kg	6	19	1	8260B	2/25/2004	CJR	1
Trichlorofluoromethane	<25	ug/kg	13	42	1	8260B	2/25/2004	CJR	1
1,2,4-Trimethylbenzene	<25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
1,3,5-Trimethylbenzene	<25	ug/kg	3.8	12	1	8260B	2/25/2004	CJR	1
Vinyl Chloride	<25	ug/kg	6.1	19	1	8260B	2/25/2004	CJR	1
m&p-Xylene	<50	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
o-Xylene	<25	ug/kg	6.1	20	1	8260B	2/25/2004	CJR	1

Project Name NOVAK SITE / WEST ALLIS WI
 Project #

Invoice # E10515

Lab Code 5010515I
 Sample ID SB-9 0-4
 Sample Matrix Soil
 Sample Date 2/20/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	83.8	%			1	5021	3/1/2004	CJR	1
Inorganic									
Metals									
Arsenic, Total	3.18	mg/kg	3		1	EPA 6010B	3/3/2004	GLA	1
Barium, Total	54.2	mg/kg	30		1	EPA 6010B	3/3/2004	GLA	1
Cadmium, Total	< 0.6	mg/kg	0.6		1	EPA 6010B	3/3/2004	GLA	1
Chromium, Total	16.8	mg/kg	0.6		1	EPA 6010B	3/3/2004	GLA	1
Lead, Total	65.4	mg/kg	1.2		1	EPA 6010B	3/3/2004	GLA	1
Mercury, Total	0.047	mg/kg	0.047		1	EPA 7471A	3/1/2004	GLA	1
Selenium, Total	< 3	mg/kg	3		1	EPA 6010B	3/3/2004	GLA	1
Silver, Total	< 3	mg/kg	3		1	EPA 6010B	3/3/2004	GLA	1
Organic									
General									
PCB-1242	< 2.4	ug/kg	2	6.66	2	EPA 8082	3/10/2004	UFE	1
PCB-1254	< 54	ug/kg	45	150	50	EPA 8082	3/10/2004	UFE	1
PCB-1248	< 7.44	ug/kg	6.2	20.6	2	EPA 8082	3/10/2004	UFE	1
PCB-1232	< 10.8	ug/kg	9	30	2	EPA 8082	3/10/2004	UFE	1
PCB-1221	< 6.24	ug/kg	5.2	17.32	2	EPA 8082	3/10/2004	UFE	1
PCB-1016	< 3.12	ug/kg	2.6	8.66	2	EPA 8082	3/10/2004	UFE	1
PCB-1260	< 84	ug/kg	70	233	50	EPA 8082	3/10/2004	UFE	1
Diesel Range Organics	200	mg/kg	2.4	7.7	1	DRO95	3/1/2004	MJR	143
Gasoline Range Organics	< 10	mg/kg	0.9	2.9	1	GRO95/8021	2/25/2004	CJR	1
PAH's									
Acenaphthene	3100 "J"	ug/kg	1400	4450	50	8270C	3/2/2004	MJR	1
Acenaphthylene	< 1600	ug/kg	1600	5000	50	8270C	3/2/2004	MJR	1
Anthracene	11000	ug/kg	2300	7500	50	8270C	3/2/2004	MJR	1
Benzo(a)anthracene	16000	ug/kg	1650	5500	50	8270C	3/2/2004	MJR	1
Benzo(a)pyrene	15000 "J"	ug/kg	2150	7000	50	8270C	3/2/2004	MJR	1
Benzo(b)fluoranthene	20000	ug/kg	2100	6500	50	8270C	3/2/2004	MJR	1
Benzo(g,h,i)perylene	5700	ug/kg	1600	5000	50	8270C	3/2/2004	MJR	1
Benzo(k)fluoranthene	5200 "J"	ug/kg	2250	7000	50	8270C	3/2/2004	MJR	1
Chrysene	16000	ug/kg	2300	7500	50	8270C	3/2/2004	MJR	1
Dibenzo(a,h)anthracene	< 2350	ug/kg	2350	7500	50	8270C	3/2/2004	MJR	1
Fluoranthene	33000	ug/kg	1500	4750	50	8270C	3/2/2004	MJR	1
Fluorene	4400 "J"	ug/kg	1600	5000	50	8270C	3/2/2004	MJR	1
Indeno(1,2,3-cd)pyrene	6400 "J"	ug/kg	2800	9000	50	8270C	3/2/2004	MJR	1
1-Methyl naphthalene	< 2350	ug/kg	2350	7500	50	8270C	3/2/2004	MJR	1
2-Methyl naphthalene	< 1100	ug/kg	1100	3500	50	8270C	3/2/2004	MJR	1
Naphthalene	< 1950	ug/kg	1950	6000	50	8270C	3/2/2004	MJR	1
Phenanthrene	24000	ug/kg	1800	6000	50	8270C	3/2/2004	MJR	1
Pyrene	29000	ug/kg	1950	6000	50	8270C	3/2/2004	MJR	1
VOC's									
Benzene	< 25	ug/kg	4.8	15	1	8260B	2/25/2004	CJR	1
Bromobenzene	< 25	ug/kg	12	39	1	8260B	2/25/2004	CJR	1
Bromodichloromethane	< 25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
Bromoform	< 25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
tert-Butylbenzene	< 25	ug/kg	13	42	1	8260B	2/25/2004	CJR	1
sec-Butylbenzene	< 25	ug/kg	5.1	16	1	8260B	2/25/2004	CJR	1
n-Butylbenzene	< 25	ug/kg	5.8	19	1	8260B	2/25/2004	CJR	1
Carbon Tetrachloride	< 25	ug/kg	14	44	1	8260B	2/25/2004	CJR	1
Chlorobenzene	< 25	ug/kg	6.2	20	1	8260B	2/25/2004	CJR	1

Project Name NOVAK SITE / WEST ALLIS WI
 Project #

Invoice # E10515

Lab Code 5010515I
 Sample ID SB-9 0-4
 Sample Matrix Soil
 Sample Date 2/20/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Chloroethane	<25	ug/kg	8.9	28	1	8260B	2/25/2004	CJR	1
Chloroform	<25	ug/kg	8.7	28	1	8260B	2/25/2004	CJR	1
Chloromethane	<25	ug/kg	9.7	31	1	8260B	2/25/2004	CJR	1
2-Chlorotoluene	<25	ug/kg	5.1	16	1	8260B	2/25/2004	CJR	1
4-Chlorotoluene	<25	ug/kg	3.4	11	1	8260B	2/25/2004	CJR	1
1,2-Dibromo-3-chloropropane	<25	ug/kg	17	52	1	8260B	2/25/2004	CJR	1
Dibromochloromethane	<25	ug/kg	5.5	18	1	8260B	2/25/2004	CJR	1
1,4-Dichlorobenzene	<25	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
1,3-Dichlorobenzene	<25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,2-Dichlorobenzene	<25	ug/kg	8.8	28	1	8260B	2/25/2004	CJR	1
Dichlorodifluoromethane	<25	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
1,2-Dichloroethane	<25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,1-Dichloroethane	<25	ug/kg	8.8	28	1	8260B	2/25/2004	CJR	1
1,1-Dichloroethene	<25	ug/kg	6.2	20	1	8260B	2/25/2004	CJR	1
cis-1,2-Dichloroethene	<25	ug/kg	14	44	1	8260B	2/25/2004	CJR	1
trans-1,2-Dichloroethene	<25	ug/kg	15	46	1	8260B	2/25/2004	CJR	1
1,2-Dichloropropane	<25	ug/kg	10	32	1	8260B	2/25/2004	CJR	1
2,2-Dichloropropane	<25	ug/kg	11	34	1	8260B	2/25/2004	CJR	1
1,3-Dichloropropane	<25	ug/kg	7.1	23	1	8260B	2/25/2004	CJR	1
Di-isopropyl ether	<25	ug/kg	4.1	13	1	8260B	2/25/2004	CJR	1
EDB (1,2-Dibromoethane)	<25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
Ethylbenzene	<25	ug/kg	3.6	11	1	8260B	2/25/2004	CJR	1
Hexachlorobutadiene	<25	ug/kg	23	73	1	8260B	2/25/2004	CJR	1
Isopropylbenzene	<25	ug/kg	6.7	21	1	8260B	2/25/2004	CJR	1
p-Isopropyltoluene	<25	ug/kg	8	26	1	8260B	2/25/2004	CJR	1
Methylene chloride	<25	ug/kg	24	77	1	8260B	2/25/2004	CJR	1
Methyl tert-butyl ether (MTBE)	<25	ug/kg	4.1	13	1	8260B	2/25/2004	CJR	1
Naphthalene	257	ug/kg	17	53	1	8260B	2/25/2004	CJR	1
n-Propylbenzene	<25	ug/kg	8.1	26	1	8260B	2/25/2004	CJR	1
1,1,2,2-Tetrachloroethane	<25	ug/kg	11	36	1	8260B	2/25/2004	CJR	1
1,1,1,2-Tetrachloroethane	<25	ug/kg	16	51	1	8260B	2/25/2004	CJR	1
Tetrachloroethene	<25	ug/kg	8.7	28	1	8260B	2/25/2004	CJR	1
Toluene	<25	ug/kg	4.3	14	1	8260B	2/25/2004	CJR	1
1,2,4-Trichlorobenzene	<25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
1,2,3-Trichlorobenzene	<25	ug/kg	20	65	1	8260B	2/25/2004	CJR	1
1,1,1-Trichloroethane	<25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,1,2-Trichloroethane	<25	ug/kg	14	46	1	8260B	2/25/2004	CJR	1
Trichloroethene (TCE)	<25	ug/kg	6	19	1	8260B	2/25/2004	CJR	1
Trichlorofluoromethane	<25	ug/kg	13	42	1	8260B	2/25/2004	CJR	1
1,2,4-Trimethylbenzene	<25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
1,3,5-Trimethylbenzene	<25	ug/kg	3.8	12	1	8260B	2/25/2004	CJR	1
Vinyl Chloride	<25	ug/kg	6.1	19	1	8260B	2/25/2004	CJR	1
m&p-Xylene	<50	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
o-Xylene	<25	ug/kg	6.1	20	1	8260B	2/25/2004	CJR	1

Lab Code 5010515J
 Sample ID SB-10 0-4
 Sample Matrix Soil
 Sample Date 2/20/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	85.3	%			1	5021	3/1/2004	CJR	1
Organic									

Project

Lab Code 5010515J
 Sample ID SB-10 0-4
 Sample Matrix Soil
 Sample Date 2/20/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
Diesel Range Organics	84	mg/kg	2.4	7.7	1	DRO95	2/28/2004	MJR	1 43
Gasoline Range Organics	< 10	mg/kg	0.9	2.9	1	GRO95/8021	2/25/2004	CJR	1
PAH's									
Acenaphthene	< 1400	ug/kg	1400	4450	50	8270C	3/2/2004	MJR	1
Acenaphthylene	< 1600	ug/kg	1600	5000	50	8270C	3/2/2004	MJR	1
Anthracene	6200 "J"	ug/kg	2300	7500	50	8270C	3/2/2004	MJR	1
Benzo(a)anthracene	11000	ug/kg	1650	5500	50	8270C	3/2/2004	MJR	1
Benzo(a)pyrene	11000	ug/kg	2150	7000	50	8270C	3/2/2004	MJR	1
Benzo(b)fluoranthene	13000	ug/kg	2100	6500	50	8270C	3/2/2004	MJR	1
Benzo(g,h,i)perylene	3900 "J"	ug/kg	1600	5000	50	8270C	3/2/2004	MJR	1
Benzo(k)fluoranthene	4200 "J"	ug/kg	2250	7000	50	8270C	3/2/2004	MJR	1
Chrysene	11000	ug/kg	2300	7500	50	8270C	3/2/2004	MJR	1
Dibenzo(a,h)anthracene	< 2350	ug/kg	2350	7500	50	8270C	3/2/2004	MJR	1
Fluoranthene	21000	ug/kg	1500	4750	50	8270C	3/2/2004	MJR	1
Fluorene	1900 "J"	ug/kg	1600	5000	50	8270C	3/2/2004	MJR	1
Indeno(1,2,3-cd)pyrene	4600 "J"	ug/kg	2800	9000	50	8270C	3/2/2004	MJR	1
1-Methyl naphthalene	< 2350	ug/kg	2350	7500	50	8270C	3/2/2004	MJR	1
2-Methyl naphthalene	< 1100	ug/kg	1100	3500	50	8270C	3/2/2004	MJR	1
Naphthalene	< 1950	ug/kg	1950	6000	50	8270C	3/2/2004	MJR	1
Phenanthrene	13000	ug/kg	1800	6000	50	8270C	3/2/2004	MJR	1
Pyrene	18000	ug/kg	1950	6000	50	8270C	3/2/2004	MJR	1
VOC's									
Benzene	< 25	ug/kg	4.8	15	1	8260B	2/25/2004	CJR	1
Bromobenzene	< 25	ug/kg	12	39	1	8260B	2/25/2004	CJR	1
Bromodichloromethane	< 25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
Bromoform	< 25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
tert-Butylbenzene	< 25	ug/kg	13	42	1	8260B	2/25/2004	CJR	1
sec-Butylbenzene	< 25	ug/kg	5.1	16	1	8260B	2/25/2004	CJR	1
n-Butylbenzene	< 25	ug/kg	5.8	19	1	8260B	2/25/2004	CJR	1
Carbon Tetrachloride	< 25	ug/kg	14	44	1	8260B	2/25/2004	CJR	1
Chlorobenzene	< 25	ug/kg	6.2	20	1	8260B	2/25/2004	CJR	1
Chloroethane	< 25	ug/kg	8.9	28	1	8260B	2/25/2004	CJR	1
Chloroform	< 25	ug/kg	8.7	28	1	8260B	2/25/2004	CJR	1
Chloromethane	< 25	ug/kg	9.7	31	1	8260B	2/25/2004	CJR	1
2-Chlorotoluene	< 25	ug/kg	5.1	16	1	8260B	2/25/2004	CJR	1
4-Chlorotoluene	< 25	ug/kg	3.4	11	1	8260B	2/25/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	17	52	1	8260B	2/25/2004	CJR	1
Dibromochloromethane	< 25	ug/kg	5.5	18	1	8260B	2/25/2004	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	2/25/2004	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
1,2-Dichloroethane	< 25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.8	28	1	8260B	2/25/2004	CJR	1
1,1-Dichloroethene	< 25	ug/kg	6.2	20	1	8260B	2/25/2004	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	14	44	1	8260B	2/25/2004	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	15	46	1	8260B	2/25/2004	CJR	1
1,2-Dichloropropane	< 25	ug/kg	10	32	1	8260B	2/25/2004	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	34	1	8260B	2/25/2004	CJR	1
1,3-Dichloropropane	< 25	ug/kg	7.1	23	1	8260B	2/25/2004	CJR	1
Di-isopropyl ether	< 25	ug/kg	4.1	13	1	8260B	2/25/2004	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
Ethylbenzene	< 25	ug/kg	3.6	11	1	8260B	2/25/2004	CJR	1
Hexachlorobutadiene	< 25	ug/kg	23	73	1	8260B	2/25/2004	CJR	1

Project Name NOVAK SITE / WEST ALLIS WI
 Project #

Invoice # E10515

Lab Code 5010515J
 Sample ID SB-10 0-4
 Sample Matrix Soil
 Sample Date 2/20/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Isopropylbenzene	<25	ug/kg	6.7	21	1	8260B	2/25/2004	CJR	1
p-Isopropyltoluene	<25	ug/kg	8	26	1	8260B	2/25/2004	CJR	1
Methylene chloride	<25	ug/kg	24	77	1	8260B	2/25/2004	CJR	1
Methyl tert-butyl ether (MTBE)	<25	ug/kg	4.1	13	1	8260B	2/25/2004	CJR	1
Naphthalene	69	ug/kg	17	53	1	8260B	2/25/2004	CJR	1
n-Propylbenzene	<25	ug/kg	8.1	26	1	8260B	2/25/2004	CJR	1
1,1,2,2-Tetrachloroethane	<25	ug/kg	11	36	1	8260B	2/25/2004	CJR	1
1,1,1,2-Tetrachloroethane	<25	ug/kg	16	51	1	8260B	2/25/2004	CJR	1
Tetrachloroethene	<25	ug/kg	8.7	28	1	8260B	2/25/2004	CJR	1
Toluene	<25	ug/kg	4.3	14	1	8260B	2/25/2004	CJR	1
1,2,4-Trichlorobenzene	<25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
1,2,3-Trichlorobenzene	<25	ug/kg	20	65	1	8260B	2/25/2004	CJR	1
1,1,1-Trichloroethane	<25	ug/kg	12	37	1	8260B	2/25/2004	CJR	1
1,1,2-Trichloroethane	<25	ug/kg	14	46	1	8260B	2/25/2004	CJR	1
Trichloroethene (TCE)	<25	ug/kg	6	19	1	8260B	2/25/2004	CJR	1
Trichlorofluoromethane	<25	ug/kg	13	42	1	8260B	2/25/2004	CJR	1
1,2,4-Trimethylbenzene	<25	ug/kg	9.8	31	1	8260B	2/25/2004	CJR	1
1,3,5-Trimethylbenzene	<25	ug/kg	3.8	12	1	8260B	2/25/2004	CJR	1
Vinyl Chloride	<25	ug/kg	6.1	19	1	8260B	2/25/2004	CJR	1
m&p-Xylene	<50	ug/kg	10	33	1	8260B	2/25/2004	CJR	1
o-Xylene	<25	ug/kg	6.1	20	1	8260B	2/25/2004	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.
43	Oil contamination indicated outside DRO window.
60	Surrogate recovery was high. Result for sample may be biased high.

Authorized Signature

Michael J. Ricker

APPENDIX B

SOIL BORING LOGS

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

WTM 91 COORDINATES 683378, 283739

Page 1 of 1

City/Project Name NOUAK SITE		License/Permit/Monitoring Number	Boring Number SB-1
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Last Name: MORAIHE ENVIRONMENTAL, INC.		Date Drilling Started 02/20/2004 m m d d y y y y	Date Drilling Completed 02/20/2004 m m d d y y y y
Drilling Method DIRECT PUSH	WI Unique Well No.	DNR Well ID No.	Well Name
Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane N, E S/C/N		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of 1/4 of Section, T N, R E/W		Lat 0' Long 0'	
City ID	County MILWAUKEE	County Code 41	Civil Town/City/ or Village 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					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
4			1	SURFACE GRAVEL CHANGING TO LIGHT TO DARK GRAY, MOIST, SILTY CLAY WITH TRACE SAND	CL									ORGANIC ODOR
			2											
			3											
			4											
			5	BROWN & GRAY, MOIST, SILTY CLAY WITH TRACE SAND - DENSE	CL									NO ODOR
			6											
			7											
			8	BOTTOM OF BORING										
			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**

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.

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

WTM 91 COORDINATES 683378, 283739

Page 1 of 1

Facility/Project Name NOUAK SITE		License/Permit/Monitoring Number	Boring Number SB-2
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Last Name: MORAIHE ENVIRONMENTAL, INC.		Date Drilling Started 02/20/2004 mm dd yy yy	Date Drilling Completed 02/20/2004 mm dd yy yy
Drilling Method DIRECT PUSH		Final Static Water Level Feet MSL	Surface Elevation Feet MSL
WI Unique Well No.	DNR Well ID No.	Well Name	Borehole Diameter 2 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		Local Grid Location	
State Plane <u> </u> N, <u> </u> E S/C/N		Lat <u>0</u> ' <u> </u> "	
<u> </u> 1/4 of <u> </u> 1/4 of Section <u> </u> , T <u> </u> N, R <u> </u> E/W		Long <u>0</u> ' <u> </u> "	
Facility ID	County MILWAUKEE	County Code H 1	Civil Town/City/ or Village 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					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
			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	CL									NO ODOR
			5											
			6											
			7	REFUSAL AT 7.0' BGS										
			8	BOTTOM OF BORING										
			9											
			10											
			11											
			12											

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

WTM 91 COORDINATES 683378, 283739

Page 1 of 1

Facility/Project Name NOUAK SITE		License/Permit/Monitoring Number	Boring Number SB-3
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Last Name: MORAIHE ENVIRONMENTAL, INC.		Date Drilling Started mm dd yy yy 02, 20, 2004	Date Drilling Completed mm dd yy yy 02, 20, 2004
Drilling Method DIRECT PUSH		Final Static Water Level Feet MSL	Surface Elevation Feet MSL
WI Unique Well No.	DNR Well ID No.	Well Name	Borehole Diameter 2 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		Local Grid Location	
State Plane _____ N, _____ E S/C/N		Lat _____ ° ' "	
1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W		Long _____ ° ' "	
Facility ID	County MILWAUKEE	County Code 41	Civil Town/City/ or Village 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					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
			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												
			5	BOTTOM OF BORING											
			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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Route To: Watershed/Wastewater Waste Management
 Remediation/Revelopment Other

WTM 91 COORDINATES 683378, 283739

Page 1 of 1

Facility/Project Name NOUAK SITE		License/Permit/Monitoring Number	Boring Number SB-4
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Last Name: MORAIHE ENVIRONMENTAL, INC.		Date Drilling Started 02/20/2004 m m d d y y y y	Date Drilling Completed 02/20/2004 m m d d y y y y
Drilling Method DIRECT PUSH		Final Static Water Level Feet MSL	Surface Elevation Feet MSL
WI Unique Well No.	DNR Well ID No.	Well Name	Borehole Diameter 2 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		Local Grid Location	
State Plane N, E S/C/N		Lat 0 ' "	Feet <input type="checkbox"/> N <input type="checkbox"/> E
1/4 of 1/4 of Section, T N, R E/W		Long 0 ' "	Feet <input type="checkbox"/> S <input type="checkbox"/> W
Facility ID	County MILWAUKEE	County Code 41	Civil Town/City/ or Village 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					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
4			1	SURFACE GRAVEL CHANGING TO BLACK, WET, SAND & GRAVEL MIXED WITH BROWN	GC CL	▽									NO ODOR
			2	MOIST, SILTY CLAY CHANGING AT 2.0' BGS BROWN & GRAY,											
			3	MOIST, SILTY CLAY WITH TRACE SAND											
			4	BOTTOM OF BORING											
			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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Route To: Watershed/Wastewater Waste Management
 Remediation/Revelopment Other

WTM 91 COORDINATES 683378, 283739

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Facility/Project Name NOUAK SITE		License/Permit/Monitoring Number	Boring Number SB-5	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Last Name: MORAIHE ENVIRONMENTAL, INC.		Date Drilling Started 02/20/2004 m m / d d / y y y y	Date Drilling Completed 02/20/2004 m m / d d / y y y y	Drilling Method DIRECT PUSH
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		Local Grid Location		
State Plane _____ N, _____ E S/C/N		Lat _____ ° ' "	<input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W		Long _____ ° ' "	Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID	County MILWAUKEE	County Code 41	Civil Town/City/ or Village 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					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
4			1	SURFACE GRAVEL CHANGING TO MIXED FILL CONSISTING OF BROWN, DAMP, SILT /	ML CL GM CL									STRONG "DEAD FISH" ODOR
			2	REDDISH BROWN, MOIST, SILTY CLAY/DARK BROWN TO BLACK										
			3	SILTY SAND & GRAVEL/DARK BROWN, MOIST, SILTY CLAY -										
			4	REFUSAL AT 4' BGS										
			5	BOTTOM OF BORING										
			6											
			7											
			8											
			9											
			10											
			11											
			12											

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

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

WTM 91 COORDINATES 683378, 283739

Page 1 of 1

Facility/Project Name NOUAK SITE		License/Permit/Monitoring Number	Boring Number SB-6
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Last Name: MORAIHE ENVIRONMENTAL, INC.		Date Drilling Started 02/20/2004 m m d d y y y y	Date Drilling Completed 02/20/2004 m m d d y y y y
Drilling Method DIRECT PUSH	WI Unique Well No.	DNR Well ID No.	Well Name
Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		Local Grid Location	
State Plane <input type="checkbox"/> N, <input type="checkbox"/> E S/C/N		Lat <input type="checkbox"/> 0 ' "	<input type="checkbox"/> N <input type="checkbox"/> E
1/4 of 1/4 of Section , T N, R E/W		Long <input type="checkbox"/> 0 ' "	<input type="checkbox"/> S <input type="checkbox"/> W
Facility ID	County MILWAUKEE	County Code 41	Civil Town/City/ or Village 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					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
4			1	MIXED FILL - BROWN, BLACK, GRAY, AND WHITE MIXTURE OF DAMP TO MOIST, SILTY CLAY AND SAND & GRAVEL	CL GC									STRONG NAPHTHA OODR
			2											
			3											
8			4	MIXED FILL, SIMILAR TO ABOVE, BUT VERY SOFT	CL GC									STRONG ORGANIC OODR
			5											
			6											
12			7	AS ABOVE	CL GC									STRONG ORGANIC OODR
			8											
			9											
			10	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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Route To: Watershed/Wastewater Waste Management
 Remediation/Revelopment Other

WTM 91 COORDINATES 683378, 283739

Page 1 of 1

Facility/Project Name NOUAK SITE		License/Permit/Monitoring Number	Boring Number SB-7
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Last Name: MORAIHE ENVIRONMENTAL, INC.		Date Drilling Started 02/20/2004 m m d d y y y y	Date Drilling Completed 02/20/2004 m m d d y y y y
Drilling Method DIRECT PUSH		Final Static Water Level Feet MSL	Surface Elevation Feet MSL
WI Unique Well No.	DNR Well ID No.	Well Name	Borehole Diameter 2 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		Local Grid Location	
Site Plane N, E S/C/N		Lat 0' "	Feet <input type="checkbox"/> N <input type="checkbox"/> E
1/4 of 1/4 of Section T N, R E/W		Long 0' "	Feet <input type="checkbox"/> S <input type="checkbox"/> W
Facility ID	County MILWAUKEE	County Code 41	Civil Town/City/ or Village WEST ALLIS

Sample Number and Type	Length Alt. & 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					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
4			1	MIXED FILL - SIMILAR TO SB-6, DAMP, VERY DENSE REFUSAL AT 1.5' BGS	CL GC									SLIGHT ORGANIC ODOR
			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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Route To: Watershed/Wastewater Waste Management
 Remediation/Revelopment Other

WTM 91 COORDINATES 683378, 283739

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Facility/Project Name NOUAK SITE		License/Permit/Monitoring Number		Boring Number SB-8	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Last Name: MORAIHE ENVIRONMENTAL, INC.			Date Drilling Started 02/20/2004 mm dd yyyy	Date Drilling Completed 02/20/2004 mm dd yyyy	Drilling Method DIRECT PUSH
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane <input type="checkbox"/> N, <input type="checkbox"/> E S/C/N			Lat <input type="checkbox"/> 0 ' "	Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of 1/4 of Section T N, R E/W			Long <input type="checkbox"/> 0 ' "	Feet <input type="checkbox"/> S <input type="checkbox"/> W	

Facility ID	County MILWAUKEE	County Code 41	Civil Town/City/ or Village WEST ALLIS
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Sample Number and Type	Length Alt. & 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					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
4			1	MIXED FILL CONSISTING OF BROWN, BLACK, GRAY, AND WHITE, DAMP TO MOIST,	CL GC										STRONG 000R
			2	MIXTURE OF SILTY CLAY AND SAND & GRAVEL											
			3	CHANGING AT 3' BGS TO											
			4	LIME SLURRY											
			5	LIME SLURRY											
			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**

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

WTM 91 COORDINATES 683378, 283739

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Facility/Project Name NOUAK SITE		License/Permit/Monitoring Number	Boring Number SB-9
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Last Name: MORAIHE ENVIRONMENTAL, INC.		Date Drilling Started 02/20/2004 m m d d y y y y	Date Drilling Completed 02/20/2004 m m d d y y y y
WI Unique Well No.	DNR Well ID No.	Well Name	Borehole Diameter 2 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		Final Static Water Level Feet MSL	Surface Elevation Feet MSL
State Plane N, E S/C/N		Lat 0 ' "	Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E
1/4 of 1/4 of Section, T N, R E/W		Long 0 ' "	Feet <input type="checkbox"/> S Feet <input type="checkbox"/> W
Facility ID	County MILWAUKEE	County Code 41	Civil Town/City/ or Village WEST ALLIS

Sample Number and Type	Length Alt. & 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					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
4			1	MIXED FILL- CONSISTING OF BLACK, BROWN, GRAY, WHITE, DAMP TO MOIST, SILTY CLAY	CL									STRONG ODOR
			2	AND SAND & GRAVEL WITH BRICK FRAGMENTS AND TRACE LIME SLURRY	GC									
			3											
8			4											STRONG ODOR
			5	AS ABOVE WITH CLAY CONTENT INCREASING WITH DEPTH CHANGING AT 7.5'	CL									
			6	BGS TO BROWN, MOIST TO WET, SILTY CLAY	GC									
			7		CL									
			8	BOTTOM OF BORING										
			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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Route To: Watershed/Wastewater Waste Management
 Remediation/Revelopment Other

WTM 91 COORDINATES 683378, 283739

Page 1 of 1

Facility/Project Name **NOUAK SITE** License/Permit/Monitoring Number _____ Boring Number **SB-10**

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

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

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

Facility ID _____ County **MILWAUKEE** County Code **41** Civil Town/City/ or Village **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					RQD/ Comments		
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
4			1	BROWN, REDDISH BROWN, AND TAN, MOIST, SILTY CLAY WITH SOME SAND AND FINE GRAVEL CHANGING AT 1.5'	CL										NO ODOR	
			2	GRAVEL CHANGING AT 1.5'												
			3	BUT TO BROWN, MOIST, SILTY CLAY WITH TRACE SAND												
			4													
8			5	BROWN, MOIST, SILTY CLAY WITH SOME SAND AND FINE GRAVEL - VERY DENSE	CL										NO ODOR	
			6													
			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**

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APPENDIX C

SOIL BORING ABANDONMENT FORMS

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

GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location SO-1	County MILWAKEE	Original Well Owner (If Known)	
1/4 of ___ 1/4 of Sec. ___ ; T. ___ N; R. ___ <input type="checkbox"/> E <input type="checkbox"/> W		Present Well Owner	
Street Address of Well 1960 67TH PLACE		Street or Route	
City, Village WEST ALLIS		City, State, Zip Code	
Facility Well No. and/or Name (If Applicable)		WI Unique Well No.	
Reason For Abandonment SOIL BORING FOR SOIL/GROUNDWATER CONTAMINATION ASSESSMENT		Date of Abandonment 20 FEB 04	

WELL/DRILLHOLE/BOREHOLE INFORMATION	
3) Original Well/Drillhole/Borehole Construction Completed On (Date) 20 FEB 04 <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) DIRECT PUSH Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock Total Well Depth (ft.) 8 Casing Diameter (in.) N/A (From ground surface) Casing Depth (ft.) N/A Lower Drillhole Diameter (in.) 2 Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet	(4) Depth to Water (Feet) Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain NO CASING USED Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No (5) Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) GRAVITY (6) Sealing Materials For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Clay-Sand Slurry <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Chipped Bentonite

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: WTM 91 COORDINATES 683378, 283739

(9) Name of Person or Firm Doing Sealing Work
MORRIS ENVIRONMENTAL INC

Signature of Person Doing Work _____ Date Signed _____

Street or Route Telephone Number
1234 12TH AVENUE (262) 377-9060

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	<input type="checkbox"/> Complying Work <input type="checkbox"/> Noncomplying Work
Follow-up Necessary	

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

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location SB-2	County MILWAKEE	Original Well Owner (If Known)	
1/4 of 1/4 of Sec. _____ ; T. _____ N; R. _____		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 SOIL BORING FOR SOIL/GROUNDWATER CONTAMINATION ASSESSMENT		Date of Abandonment 20 FEB 04	

WELL/DRILLHOLE/BOREHOLE INFORMATION	
(3) Original Well/Drillhole/Borehole Construction Completed On (Date) 20 FEB 04 <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) DIRECT PUSH Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock Total Well Depth (ft.) 7 Casing Diameter (in.) NIA (From ground surface) Casing Depth (ft.) NIA Lower Drillhole Diameter (in.) 2 Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet	(4) Depth to Water (Feet) 1.0 Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain NO CASING USED Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No
(5) Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) GRAVITY	
(6) Sealing Materials For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Chipped Bentonite <input type="checkbox"/> Bentonite Pellets <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Cement Grout	

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: **WTM91 COORDINATES 683378, 283739**

9) Name of Person or Firm Doing Sealing Work
MORaine ENVIRONMENTAL INC

Signature of Person Doing Work _____ Date Signed _____

Street or Route
1234 12TH AVENUE

Telephone Number
(262) 377-9060

City, State, Zip Code _____

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	<input type="checkbox"/> Complying Work <input type="checkbox"/> Noncomplying Work
Follow-up Necessary	

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

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location SB-3	County MILWAKEE	Original Well Owner (If Known)	
1/4 of 1/4 of Sec. ; T. N; R. <input type="checkbox"/> E <input type="checkbox"/> W		Present Well Owner	
Street or Route		City, State, Zip Code	
Gov't Lot Grid Number		Facility Well No. and/or Name (If Applicable)	
Facility Location ft. <input type="checkbox"/> N. <input type="checkbox"/> S., ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		WI Unique Well No.	
Municipal Town Name		Reason For Abandonment SOIL BORING FOR SOIL/GROUNDWATER CONTAMINATION ASSESSMENT	
Street Address of Well 1960 67TH PLACE		Date of Abandonment 20 FEB 04	
City, Village WEST ALLIS			

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date) **20 FEB 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.) **4** Casing Diameter (in.) **N/A**
 (From ground surface) Casing Depth (ft.) **N/A**

Lower Drillhole Diameter (in.) **2**

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

(4) Depth to Water (Feet)

Pump & Piping Removed? Yes No Not Applicable
 Liner(s) Removed? Yes No Not Applicable
 Screen Removed? Yes No Not Applicable
 Casing Left in Place? Yes No
 If No, Explain **NO CASING USED**

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 For monitoring wells and monitoring well boreholes only

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

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		

(7) Comments: **WTM91 COORDINATES 683378, 283739**

(8) Name of Person or Firm Doing Sealing Work
MORAIMÉ ENVIRONMENTAL INC

Signature of Person Doing Work _____ Date Signed _____

Street or Route
234 12TH AVENUE

Telephone Number
(262) 377-9060

City, State, Zip Code _____

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	<input type="checkbox"/> Complying Work <input type="checkbox"/> Noncomplying Work
Follow-up Necessary	

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

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location <u>SB-4</u>	County <u>MILWAKEE</u>	Original Well Owner (If Known)	
1/4 of ___ 1/4 of Sec. ___; T. ___ N; R. ___ <input type="checkbox"/> E <input type="checkbox"/> W		Present Well Owner	
if applicable) Gov't Lot ___ Grid Number ___		Street or Route	
Grid Location ___ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., ___ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, State, Zip Code	
Civil Town Name		Facility Well No. and/or Name (If Applicable)	WI Unique Well No.
Street Address of Well <u>1960 67TH PLACE</u>		Reason For Abandonment <u>SOIL BORING FOR SOIL/GROUNDWATER CONTAMINATION ASSESSMENT</u>	
City, Village <u>WEST ALLIS</u>		Date of Abandonment <u>20 FEB 04</u>	

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) Depth to Water (Feet) <u>1.0</u>	
Original Well/Drillhole/Borehole Construction Completed On (Date) <u>20 FEB 04</u>		Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>NO CASING USED</u>	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole		Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		(5) Required Method of Placing Sealing Material	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) <u>DIRECT PUSH</u>		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>GRAVITY</u>	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		(6) Sealing Materials	
Total Well Depth (ft.) <u>4</u> Casing Diameter (in.) <u>N/A</u> (From ground surface) Casing Depth (ft.) <u>N/A</u>		For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Chipped Bentonite	
Lower Drillhole Diameter (in.) <u>2</u>		<input type="checkbox"/> Bentonite Pellets <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Cement Grout	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? ___ Feet			

(7)	Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	(Circle One)	Mix Ratio or Mud Weight
	<u>GRANULAR BENTONITE</u>	<u>Surface</u>	<u>4</u>			

(8) Comments: WTM 91 COORDINATES 683378, 283739

(9) Name of Person or Firm Doing Sealing Work
MORRIS ENVIRONMENTAL INC

Signature of Person Doing Work _____ Date Signed _____

Street or Route
1234 12TH AVENUE Telephone Number
(262) 377-9060

City, State, Zip Code
WISCONSIN WI 53024

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	<input type="checkbox"/> Complying Work <input type="checkbox"/> Noncomplying Work
Follow-up Necessary	

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

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location SO-5	County MILWAKEE	Original Well Owner (If Known)	
1/4 of 1/4 of Sec. ; T. N; R. <input type="checkbox"/> E <input type="checkbox"/> W		Present Well Owner	
applicable) Gov't Lot Grid Number		Street or Route	
Grid Location ft. <input type="checkbox"/> N. <input type="checkbox"/> S., ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, State, Zip Code	
Civil Town Name		Facility Well No. and/or Name (If Applicable)	WI Unique Well No.
Street Address of Well 1960 67TH PLACE		Reason For Abandonment SOIL BORING FOR SOIL/GROUNDWATER CONTAMINATION ASSESSMENT	
City, Village WEST ALLIS		Date of Abandonment 20 FEB 04	

WELL/DRILLHOLE/BOREHOLE INFORMATION

<p>(3) Original Well/Drillhole/Borehole Construction Completed On (Date) 20 FEB 04</p> <p><input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole</p> <p>Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) DIRECT PUSH</p> <p>Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock</p> <p>Total Well Depth (ft.) 4 Casing Diameter (in.) N/A (From ground surface) Casing Depth (ft.) N/A</p> <p>Lower Drillhole Diameter (in.) 2</p> <p>Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet</p>	<p>(4) Depth to Water (Feet)</p> <p>Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain NO CASING USED</p> <p>Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>(5) Required Method of Placing Sealing Material</p> <p><input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) GRAVITY</p> <p>(6) Sealing Materials For monitoring wells and monitoring well boreholes only</p> <p><input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Chipped Bentonite</p> <p><input type="checkbox"/> Bentonite Pellets <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Cement Grout</p>
--	--

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			

(7) Comments: **WTM 91 COORDINATES 683378, 283739**

(8) Name of Person or Firm Doing Sealing Work
MORAIM ENVIRONMENTAL INC

Signature of Person Doing Work _____ Date Signed _____

Street or Route
234 12TH AVENUE Telephone Number
(262) 377-9060

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	<input type="checkbox"/> Complying Work <input type="checkbox"/> Noncomplying Work
Follow-up Necessary	

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

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location SB-6	County MILWAKEE	Original Well Owner (If Known)	
1/4 of ___ 1/4 of Sec. ___ ; T. ___ N; R. ___ <input type="checkbox"/> E <input type="checkbox"/> W		Present Well Owner	
If applicable) Gov't Lot ___ Grid Number ___		Street or Route	
Grid Location ___ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., ___ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, State, Zip Code	
Civil Town Name		Facility Well No. and/or Name (If Applicable)	WI Unique Well No.
Street Address of Well 1960 67TH PLACE		Reason For Abandonment SOIL BORING FOR SOIL/GROUNDWATER CONTAMINATION ASSESSMENT	
City, Village WEST ALLIS		Date of Abandonment 20 FEB 04	

WELL/DRILLHOLE/BOREHOLE INFORMATION	
(3) Original Well/Drillhole/Borehole Construction Completed On (Date) 20 FEB 04	(4) Depth to Water (Feet)
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>NO CASING USED</u>
Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) <u>DIRECT PUSH</u>	(5) Required Method of Placing Sealing Material
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>GRAVITY</u>
Total Well Depth (ft.) <u>12</u> Casing Diameter (in.) <u>N/A</u> (From ground surface) Casing Depth (ft.) <u>N/A</u>	(6) Sealing Materials
Lower Drillhole Diameter (in.) <u>2</u>	For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Chipped Bentonite
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? ___ Feet	<input type="checkbox"/> Bentonite Pellets <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> 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	12			

(8) Comments: WTM91 COORDINATES 683378, 283739

(9) Name of Person or Firm Doing Sealing Work
MORaine ENVIRONMENTAL INC

Signature of Person Doing Work _____ Date Signed _____

Street or Route
1234 12TH AVENUE Telephone Number
(262) 377-9060

City, State, Zip Code _____

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	<input type="checkbox"/> Complying Work <input type="checkbox"/> Noncomplying Work
Follow-up Necessary	

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

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location SO-7	County MILWAKEE	Original Well Owner (If Known)	
1/4 of 1/4 of Sec. _____ ; T. _____ N; R. _____ <input type="checkbox"/> E <input type="checkbox"/> W		Present Well Owner	
applicable) Gov't Lot _____ Grid Number _____		Street or Route	
Location ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, State, Zip Code	
Municipal Town Name _____		Facility Well No. and/or Name (If Applicable)	WI Unique Well No.
Street Address of Well 1960 67TH PLACE		Reason For Abandonment SOIL BORING FOR SOIL/GROUNDWATER CONTAMINATION ASSESSMENT	
City, Village WEST ALLIS		Date of Abandonment 20 FEB 04	

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) Depth to Water (Feet)	
Original Well/Drillhole/Borehole Construction Completed On (Date) 20 FEB 04		Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
	Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) DIRECT PUSH	Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		If No, Explain NO CASING USED
Total Well Depth (ft.) 1.5 Casing Diameter (in.) N/A	Casing Depth (ft.) N/A		Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Lower Drillhole Diameter (in.) 2	Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If Yes, To What Depth? _____ Feet			Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
			If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No
			(5) Required Method of Placing Sealing Material
			<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped
			<input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) GRAVITY
			(6) Sealing Materials
			<input type="checkbox"/> Neat Cement Grout
			<input type="checkbox"/> Sand-Cement (Concrete) Grout
			<input type="checkbox"/> Concrete
			<input type="checkbox"/> Clay-Sand Slurry
			<input type="checkbox"/> Bentonite-Sand Slurry
			<input type="checkbox"/> Chipped Bentonite
			For monitoring wells and monitoring well boreholes only
			<input type="checkbox"/> Bentonite Pellets
			<input checked="" type="checkbox"/> Granular Bentonite
			<input type="checkbox"/> Bentonite - Cement Grout

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	1.5			

Comments: **WTM91 COORDINATES 683378, 283739**

(9) Name of Person or Firm Doing Sealing Work
MORRIS ENVIRONMENTAL INC

Signature of Person Doing Work _____ Date Signed _____

Street or Route
234 12TH AVENUE Telephone Number
(262) 377-9060

City, State, Zip Code
GRAFTON WI 53024

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	<input type="checkbox"/> Complying Work
Follow-up Necessary	<input type="checkbox"/> Noncomplying Work

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

1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location SO-8	County MILWAKEE	Original Well Owner (If Known)	
1/4 of 1/4 of Sec. _____ ; T. _____ N; R. _____ <input type="checkbox"/> E <input type="checkbox"/> W		Present Well Owner	
if applicable) Gov't Lot _____ Grid Number _____		Street or Route	
Grid Location _____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, State, Zip Code	
Civil Town Name		Facility Well No. and/or Name (If Applicable)	WI Unique Well No.
Street Address of Well 1960 67TH PLACE		Reason For Abandonment SOIL BORING FOR SOIL/GROUNDWATER CONTAMINATION ASSESSMENT	
City, Village WEST ALLIS		Date of Abandonment 20 FEB 04	

WELL/DRILLHOLE/BOREHOLE INFORMATION	
3) Original Well/Drillhole/Borehole Construction Completed On (Date) 20 FEB 04	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) DIRECT PUSH	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	
Total Well Depth (ft.) 8 Casing Diameter (in.) NIA (From ground surface) Casing Depth (ft.) NIA	
Lower Drillhole Diameter (in.) 2	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet	
(4) Depth to Water (Feet)	
Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain NO CASING USED	
Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
(5) Required Method of Placing Sealing Material	
<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) GRAVITY	
(6) Sealing Materials	
For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Chipped Bentonite	
<input type="checkbox"/> Bentonite Pellets <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> 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: **WTM91 COORDINATES 683378, 283739**

9) Name of Person or Firm Doing Sealing Work
MORaine ENVIRONMENTAL INC

Signature of Person Doing Work _____ Date Signed _____

Street or Route
1234 12TH AVENUE Telephone Number
(262) 377-9060

City, State, Zip Code _____

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	<input type="checkbox"/> Complying Work <input type="checkbox"/> Noncomplying Work
Follow-up Necessary	

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

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location SB-9	County MILWAKEE	Original Well Owner (If Known)	
1/4 of 1/4 of Sec. _____ ; T. _____ N; R. _____ <input type="checkbox"/> E <input type="checkbox"/> W		Present Well Owner	
Street or Route _____		City, State, Zip Code	
Gov't Lot _____ Grid Number _____		Facility Well No. and/or Name (If Applicable)	
Municipal Location _____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		WI Unique Well No.	
Municipal Town Name		Reason For Abandonment SOIL BORING FOR SOIL/GROUNDWATER CONTAMINATION ASSESSMENT	
Street Address of Well 1960 67TH PLACE		Date of Abandonment 20 FEB 04	
City, Village WEST ALLIS			

WELL/DRILLHOLE/BOREHOLE INFORMATION	
(3) Original Well/Drillhole/Borehole Construction Completed On (Date) 20 FEB 04 <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) DIRECT PUSH	(4) Depth to Water (Feet) _____ Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain NO CASING USED Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock Total Well Depth (ft.) 8 Casing Diameter (in.) N/A (From ground surface) Casing Depth (ft.) N/A Lower Drillhole Diameter (in.) 2 Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet	(5) Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) GRAVITY (6) Sealing Materials For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Clay-Sand Slurry <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Chipped Bentonite

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: **WTM91 COORDINATES 683378, 283739**

9) Name of Person or Firm Doing Sealing Work
MORRIS ENVIRONMENTAL INC

Signature of Person Doing Work _____ Date Signed _____

Street or Route
1234 12TH AVENUE Telephone Number
(262) 377-9060

City, State, Zip Code _____

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	<input type="checkbox"/> Complying Work <input type="checkbox"/> Noncomplying Work
Follow-up Necessary	

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

1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location SB-10	County MILWAKEE	Original Well Owner (If Known)	
1/4 of ___ 1/4 of Sec. ___ ; T. ___ N; R. ___ <input type="checkbox"/> E <input type="checkbox"/> W If applicable)		Present Well Owner	
Gov't Lot _____ Grid Number _____ Grid Location _____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		Street or Route	
Civil Town Name		Facility Well No. and/or Name (If Applicable)	WI Unique Well No.
Street Address of Well 1960 67TH PLACE		Reason For Abandonment SOIL BORING FOR SOIL/GROUNDWATER CONTAMINATION ASSESSMENT	
City, Village WEST ALLIS		Date of Abandonment 20 FEB 04	

WELL/DRILLHOLE/BOREHOLE INFORMATION	
(3) Original Well/Drillhole/Borehole Construction Completed On	
(Date) 20 FEB 04	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) DIRECT PUSH	(4) Depth to Water (Feet) Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain NO CASING USED Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock Total Well Depth (ft.) 8 Casing Diameter (in.) NIA (From ground surface) Casing Depth (ft.) NIA Lower Drillhole Diameter (in.) 2	(5) Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) GRAVITY
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet	(6) Sealing Materials For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Chipped Bentonite <input type="checkbox"/> Bentonite Pellets <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> 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: **WTM91 COORDINATES 683378, 283739**

(9) Name of Person or Firm Doing Sealing Work
MORAIMÉ ENVIRONMENTAL INC

Signature of Person Doing Work _____ Date Signed _____

Street or Route
1234 12TH AVENUE Telephone Number
(262) 377-9060

City, State, Zip Code
GRACON WI 53024

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	<input type="checkbox"/> Complying Work <input type="checkbox"/> Noncomplying Work
Follow-up Necessary	