Site Investigation /

Remedial Action Plan

Six Points/Farmers Market Redevelopment

700 Series Properties

West Allis, Wisconsin

September 2005

Prepared For
City of West Allis
Community Development Authority

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC

Jeffrey L. Hosler
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Principal

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Senior Project Manager
Principal

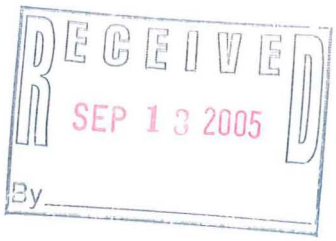
241689140 ←

TEMCO

e/m for John Stibal 9/13

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC

PARCEL 5



September 9, 2005

Ms. Victoria Stovall
Program Assistant
Southeast Region Headquarters
2300 North Martin Luther King Drive
Milwaukee, WI 53212

RE: Site Investigation / Remedial Action Plan, Six Points / Farmers Market Redevelopment, 700 Series Properties, West Allis, Wisconsin

Dear Ms. Stovall:

Enclosed please find the Site Investigation / Remedial Action Plan for the above referenced site. Thank you and if you have any questions please call.

Sincerely,

THE ENVIRONMENTAL MANAGEMENT COMPANY

Jeffrey L. Hosler
Senior Hydrogeologist
Principal

enclosures

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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

6633-6639 West National Avenue
1609 - 1615 - 1621 - 1623R South 66th Street
West Allis, Wisconsin 53214

Legal Description

The above referenced properties, collectively the site, are legally described as Lots 1 thru 5 and Lot 11, Block 1, and Lot 1, Block 2, and vacated W. Lapham St. and S. 67th (platted as 68th Ave.) all in Central Improvement Company's Subdivision No. 3 together with Lots 6 and 7, Block 2, of Assessor's Plan No. 269, all being a part of the Northeast ¼ of Section 3, Township 6 North, Range 21 East, City of West Allis, County of Milwaukee, State of Wisconsin.

General Description

The site is located in the southwest corner of the intersection of West National Avenue and South 66th Street in the City of West Allis (Figure 1). It is bordered on the north by West National Avenue, on the east by South 66th Street, on the south by West Mitchell Street, and on the west by a railroad spur track right-of-way. Both the site and the two properties west of the site along West National Avenue, which are currently occupied by National Salvage Co., are owned by the City of West Allis CDA.

A one-story concrete block warehouse building is located along the property line in the west-central part of the site (Figure 2). The building is leased and used by the business located west of the northern part of the site, National Salvage. The two buildings which formerly were located in the north eastern part of the site were razed in 2003 and the associated 8000-gallon formerly closed-in-place gasoline UST was removed during demolition.

The south-central part of the site was occupied by a large industrial building (pre-engineered steel construction above concrete block foundation walls). The building was razed in April 2005. The northern one-half of the building was occupied by Hall Steel, a steel fabrication company, until the

end of 2004, when they relocated to a new facility. The southern one-half of the building was occupied by a large warehouse area (Barkow Manufacturing) and a smaller area occupied by R&B Machining, a steel machining and grinding company. Both companies relocated and removed the equipment stored/operated in the on-site building prior to demolition. The one-story concrete block building attached to the northeastern part of the Hall Steel building was occupied by Door City, a defunct door manufacturing and distribution company. This building was also razed in April 2005.

The outside areas of the site were covered variously by concrete or asphalt, grass or scrub vegetation, or compacted gravel. A fenced area adjacent to the Door City building was used to store an abandoned car and several drums and other small containers. A closed truck trailer was present near the center of the site. A moderate amount of debris and trash had accumulated against the exteriors of several of the buildings and perimeter fencing. Several storm sewer drains were present on-site. All pavement, containers, debris, vehicles, and storm sewers were removed during site demolition in April 2005.

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
Contact: Jeffrey L. Hosler
Email: jlhosler@temco-llc.com

Contractors

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

Phone: 262-377-9060
Service: Soil probing

M&K Environmental Drilling
930 West Silver Beach Road
P.O. Box 214
Belgium, WI 53004

Phone: 800-227-4158
Service: Monitoring Well Installation

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

Phone: 800-7-ENCHEM
Service: Laboratory Analysis of Groundwater Samples

Synergy Environmental Lab, LLC
500 West Franklin Street
Appleton, WI 54911

Phone: 920-830-2455
Service: Laboratory Analysis of Groundwater Samples

SECTION 2 BACKGROUND INFORMATION

2.1 Regional Geologic and Groundwater Conditions

The regional geology in which the Six Points / Farmers Market Redevelopment Project is located consists of glacial deposits up to 200 feet thick overlying sedimentary bedrock. The glacial deposits 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 practices and the industrial heritage of the project area, shallow fill is present at most locations in the project area. The fill typically consists of mixtures of clay, silt, and sand, and occasionally includes debris such as brick, concrete and wood. Slag and cinder-like materials, foundry sand, and flyash may be present in some locations. Fill consistency varies from loose to very hard and dense.

2.2 Site History and Land Use

Historical records indicate the site was occupied by residential properties, Cities Fuel & Supply Co., and a ready-mix concrete plant in 1945. By 1950, a concrete products manufacturing facility occupied most of the site. This operation ceased in the late 1970's, and the most recent site building layout and uses described in Section 1.2 were developed in the 1980's.

2.3 Contaminant Sources

The Phase II ESA(s) of the site conducted by TEMCO in September 2000 (Property No. 704), September 2002 (Property No. 705) and December 2002 (Property Nos. 701/708/709) identified

several soil and groundwater contaminant sources associated with historic site facilities and uses:

- The presence of a closed in-place 8,000-gallon gasoline UST near the west side of the building formerly located at 6633 - 6639 West National Avenue.

- The potential presence of a historical service station and fuel supply facility in the northwestern area of the site (Cities Fuel & Supply Company).

- The former presence of a steel fabrication operation (Hall Steel) and a metal machining operation (R&B Machining) in the large building in the south central part of the site.

SECTION 3 OBJECTIVES AND SCOPE OF WORK

3.1 Objectives

The objectives of the Site Investigation/Remedial Action Plan:

- Verification of the presence or absence of various contaminants potentially on-site as a result of discharge from the sources described in Section 2.3.

- Characterization of on-site soil and shallow groundwater conditions.

- Completion of the on-site soil contamination assessment begun in the Phase II ESA and design and completion of a groundwater contamination investigation based on the results of the Phase II ESA

- 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.

3.2 Scope of Work

The principal elements of the Site Investigation scope of work completed by TEMCO to address the Phase II ESA findings include:

- Development of a soil boring and sampling plan (Figure 2) designed to supplement the Phase II ESA in the following on-site areas:

  - The northwestern area of the site comprising the area downgradient from the closed in-place 8,000-gallon gasoline UST, and the area presumed to have been formerly occupied by Cities Fuel & Supply Co.

- Selected locations in the building areas formerly occupied by Hall Steel and R&B Machining.

- Installation and logging of 15 soil borings in the above listed areas ranging in depth from four to 15.5 feet below ground surface (bgs).

- Collection of 10 soil samples from the six borings located in the building areas formerly occupied by Hall Steel and R&B Machining. Laboratory analysis of selected samples for DRO,VOC,PAH,RCRA Metals, and PCB.

- Collection of two soil samples from the area in the northwestern part of the site down-gradient from the former 8,000-gallon gasoline UST for analysis of Wisconsin Protocol B parameters in preparation for remediation by off-site biotreatment.

- Installation and development of nine WAC NR141 compliant groundwater monitoring wells in the northwestern part of the site.

- Completion of two rounds of groundwater monitoring of the nine wells installed in the northwestern part of the site downgradient from the former 8000-gallon gasoline UST. Laboratory analysis of groundwater samples for VOC,PAH,RCRA Metals, and PCB.

- Survey of monitoring well elevations and measurement of groundwater elevations during both rounds of groundwater monitoring.

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

SECTION 4 FIELD AND LABORATORY PROGRAM

4.1 Soil Borings

Prior to soil boring and sampling, on-site and near off-site utilities were located and marked. On October 19 and 23, 2004 and January 5, 2005, five 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. Two inch diameter, four feet long hollow steel sampling tubes with plastic liners were driven in four feet increments by hydraulic pressure and percussion to total depths ranging from 4 feet to 10 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 were 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 Site Investigation objectives outlined in Section 3.1. Soil samples collected for analysis from the building areas formerly occupied by the R&B Machining Co. and the Hall Steel Co. were analyzed for DRO, VOC, RCRA metals, PAH, and PCB.

4.3 Groundwater Monitoring Wells

On March 19 and 20, 2003 TEMCO observed the installation of nine soil borings that were completed as groundwater monitoring wells on the site in locations selected based on the results of the Phase II ESA. Soil boring depths ranged from 15.0 to 15.5 feet bgs. Soil borings were installed using a truck mounted rotary drill rig and hollow stem augers. TEMCO used semi-continuous split spoon soil sampling techniques to ensure that representative samples were collected and to confirm that the vertical and lateral extent of soil impacts were defined. Soil sample description, classification, and screening were performed in accordance with the Unified Soil Classification system. Soil boring logs (WDNR Form 4400-122) were prepared for each boring and are included in Appendix B.

Well construction: Each monitoring well was constructed of two inch diameter Schedule 40 PVC casing coupled to a 10 feet long section of 0.010" factory slotted PVC well screen positioned to intersect the water table based on observations during borehole drilling. The casing and screen were field assembled from hermetically sealed packages to ensure well integrity. The wells were completed in accordance with Wisconsin Administrative Code (WAC), Chapter NR 141, "Groundwater Monitoring Well Requirements". The position of the filter pack, filter pack seal, annular space seal and surface seal were confirmed by measuring with a weighted measuring tape. Following the complete removal of augers, a flush mounted protective cover was installed over each

well top, except MW-7 and MW-8 which were completed with stick-up protective steel casings. Monitoring Well Construction Diagrams (DNR Form 4400-113A) were completed for each well and are included as Appendix D.

Well Development: Each well was developed by pumping multiple well volumes of groundwater until nearly sediment-free water was obtained, except MW-9 which remained turbid throughout development. Well development was completed in accordance with Wisconsin Administrative Code, Chapter NR 141. Well Development Forms (DNR Form 4400-113B) were completed for each well and are included as Appendix E.

Well Sampling: Groundwater elevation measurements were recorded prior to well development. Following development groundwater samples were collected from the nine groundwater monitoring wells on May 14, 2003 by gently lowering a dedicated, disposable polyethylene bailer into the well. After the bailer filled with water, the contents were transferred into appropriate containers for laboratory analyses. The VOC samples were preserved with hydrochloric acid to a pH of <2.0. The containers were sealed to ensure that no head space was present, and were placed in a cooler containing ice for transport to the laboratory.

On June 8, 2004 a second round of groundwater samples was collected from the nine on-site monitoring wells. Groundwater elevation measurements were recorded prior to purging the wells of a minimum of 4 well volumes. Sampling procedures used were as reported for initial sampling. Laboratory analysis of PVOC and naphthalene was performed instead of full VOC analysis since no exceedances of groundwater quality standards for non-petroleum hydrocarbon VOC contaminants were identified in the initial groundwater sampling event.

Elevation Survey: On June 8, 20004 monitoring well elevations were surveyed using a temporary bench mark.

4.4 Groundwater Analyses

Groundwater samples collected for laboratory analysis were containerized and preserved, as appropriate, 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 determine the impact on groundwater quality of the petroleum hydrocarbon soil contamination found in shallow soil in the northwestern part of the site, downgradient from the former 8000-gallon gasoline UST. Groundwater samples were analyzed for VOC (PVOC and napthalene in second monitoring round), PAH, RCRA metals, and PCB.

SECTION 5 FINDINGS AND CONCLUSIONS

- The site slopes gently to the south/southwest. The direction of shallow groundwater migration in the area of petroleum hydrocarbon contamination in the northwestern part of the

site is generally controlled by the surface topography, i.e. to the west, southwest, and northwest.

- The western part of the site is filled from the ground surface to a depth ranging from 1.5 feet to 5.5 feet bgs. The upper part of the fill consists of various mixtures of crushed stone, gravel, and silty clay. The lower part of the fill contains black foundry sand. The fill layer containing foundry sand averages three feet in thickness (two feet to five feet bgs) in the northwestern part of the site and approximately one foot in thickness (one foot to two feet bgs) in the southwestern part of the site. The surficial fill layer in the central and eastern parts of the site is thinner and contains less or no foundry sand, depending on location. No foundry sand was encountered along the eastern boundary of the site. The fill in this area consists of a thin layer of crushed stone, gravel, and silty clay overlying native silty clay glacial till.

- Native soils lying below the fill consist primarily of silty clay glacial till with minor amounts of clayey gravel, clayey sand, and clayey silt.

- Groundwater was encountered in the soil borings at depths ranging from one foot to eight feet bgs. The direction of groundwater migration in the western part of the site is to the west, southwest, and northwest (Figure 3).

- The zone of gasoline sourced soil contamination is shown in Figure 5. Contaminant sources include 1) a former 8,000-gallon gasoline UST located near soil boring SB-3, closed-in-place in 1986 and removed in 2004 along with demolition of the former Salvage Heaven building along West National Avenue, and potentially 2) a former service station reported to have been located in the northern part of the contaminated zone adjacent to West National Avenue, and also potentially a fuel supply facility reported to have been located in the northwestern part of the site. The lateral and vertical distribution of petroleum contamination in shallow soils suggests gasoline leakage from former UST systems and gradual development of a groundwater contaminant plume which migrated with shallow groundwater to the west, southwest, and northwest. The contaminant plume extends off-site to the west onto the National Salvage property (also owned by the City of West Allis).

- The soil contaminant mass is contained in the depth interval from two feet to 12 feet bgs in the northwestern area of the site. Minor contaminant levels likely extend below 12 feet bgs, particularly in the source area (northern part of the contaminated zone near soil borings SB-3, SB-4, and SB-6). The most heavily contaminated depth interval varies throughout the contaminated zone, although the majority of the contaminant mass is contained in the depth interval from four feet to eight feet bgs. This is the "smear zone" which is saturated (below the groundwater table) most of the time.

- Petroleum hydrocarbon soil contaminant levels exceed Residual Contaminant Levels (RCL) throughout the source area and the area immediately downgradient to the west, southwest, and northwest, as evidenced by contaminant levels identified in soil samples collected from borings SB-1 through SB-8 and SB-13 (Tables 1, 2 and 3 and Figure 4.1). Soil contamination extends off-site to the west onto the property (owned by City of West Allis

CDA) currently occupied by National Salvage, as evidenced by petroleum hydrocarbon contaminant RCL exceedances in samples collected form soil borings E-1 and E-3 (Phase II ESA for property Nos. 701/708/709).

- Petroleum hydrocarbon groundwater contaminant levels exceed WDNR WAC NR140 enforcement standards in the central portion of the area of contamination downgradient from the former 8000-gallon gasoline UST, as evidenced by samples collected from monitoring wells MW-3, MW-5, and MW-6 through MW-9 (Tables 11, 12, and 13, and Figure 4.2). Contaminant levels detected in samples collected from monitoring wells MW-5, MW-7, and MW-8 all located along the west property line shared with the National Salvage site, indicated groundwater contamination extends off-site to the west onto the National Salvage site. The soil contaminant levels detected in samples collected from borings E-1 and E-3 indicate the groundwater contaminant plume likely terminates within a short distance west of these boring locations.

- Additional soil contamination was identified in the soil borings completed inside the portion of the large on-site building formerly occupied by Hall Steel and the portion formerly occupied by R&B Machining in the following areas:

    - Adjacent to the floor drain (sanitary sewer system) located near the east end of the former Hall Steel area. A level of tetrachloroethene estimated at 0.041 mg/kg and a napthalene level of 0.031 mg/kg were detected in soil samples collected beneath the concrete floor from 0.5 to four feet bgs. A DRO of 100mg/kg and several low level PAH compounds (two RCL exceedances) were also detected at shallow depth. A DRO of 138 mg/kg but no VOC was detected in a sample collected from seven to eight feet bgs.

    - Adjacent to the railroad tracks in the west end of the former Hall Steel area. Very low levels of several Petroleum Volatile Organic Compounds (below RCL's) and low levels of several PAH compounds (six RCL exceedances) were detected in samples collected from 2.5 to four feet bgs.

    - In the area formerly occupied by R&B Machining. Very low levels of 2 PVOC (below RCL's), a level of 0.22 mg/kg 1,1,1-TCA, and an estimated level of 0.031 TCE were detected in soil samples collected from 1 to 4 feet bgs. Two very low level detections of methylene chloride in these samples have been attributed to laboratory contamination. The low level detection of arsenic (1.9 mg/kg) slightly exceeds the industrial RCL.

  Source(s) of the chlorinated VOC contamination are unknown. Neither Hall Steel Co. nor R&B Machining Co. used chlorinated solvents in their respective operations according to company staff interviewed by TEMCO. In both cases, contamination is likely sourced from historic, occasional use of cleaning products which formerly contained chlorinated VOC.

- Soil contaminant levels resulting from former metal fabricating and machining operations conducted in the former large on-site building are very low and confined to near surface soil.

The contaminant levels and distribution are consistent with minor surface discharges of hydrocarbons and solvents during the operational life of the former facilities. The total estimated volume of contaminated soil present in the areas sampled is small, and will likely be managed on-site during redevelopment.

- Soil contaminant levels in samples collected from borings SB-1, SB-3, and SB-8 exceed WAC NR746.06(2)(b) Table 1 values. These contaminant levels indicate that petroleum free product is potentially present at these locations. The benzene concentrations in these samples, and in the soil sample from boring SB-5 also exceed the WAC NR 746.06(2)(c) Table 2 value. Concentrations above this value (1.1 mg/kg) indicate the soil is unsafe for direct human contact.

- Most of the soil in the northwestern part of the site in the upper 12 feet of the subsurface contains petroleum contamination at levels that require treatment and/or disposal as a solid waste if excavated. Additionally, contaminant concentrations in the source area and immediately downgradient to the southwest indicate the potential presence of free petroleum product, and that the soil is unsafe for direct human contact. Consequently, site redevelopment involving regrading and/or excavation below the upper one to two feet bgs will require soil remediation prior to the start of on-site redevelopment activities.

SECTION 6 REMEDIAL ACTION PLAN

6.1 Summary of Environmental Condition of Property Nos. 702, 703, 704, 705

Shallow soil at the four above referenced properties (the site) consists of surficial fill of variable thickness (1' to 5.5') underlaid by native silty clay glacial till. The fill is thickest in the western part of the site, thinning to the east. The fill in the northwestern part of the site contains some foundry sand in the zone from 2 to 5 feet below ground surface (bgs). The fill layer containing foundry sand thins to the southwest (1 to 2 feet bgs), and is minimal to absent in the central and eastern parts of the site.

Soil and groundwater in the northwestern part of the site is contaminated with petroleum hydrocarbon compounds sourced from a former 8000-gallon gasoline UST and potentially a former service station and/or fuel supply facility. The contamination is contained in the zone from 2' to 12' bgs and extends southwest (downgradient) from the location of soil boring SB-3, across the site western boundary, terminating approximately 60 feet west of the property line on the National Salvage property (Property Nos. 701 and 709). This property is also owned by the City of West Allis and will be included in a later phase of the redevelopment project which will encompass all of the 100 and 700 series properties with the exception of No. 708.

Soil contaminant levels in the northwestern area of the site generally exceed WDNR general Residual Contaminant Levels (RCL) for PVOC and include exceedances of both NR 746.06 (2) (b) Table 1 and NR 746.06 (2) (c) Table 2 values, indicating the soil is unsafe for direct human contact

and the potential for the presence of free product. Groundwater contaminant levels in this area generally exceed NR 140 Enforcement Standards (ES) for PVOC.

Several petroleum hydrocarbon compounds, chlorinated solvent compounds, PAH compounds, and arsenic were identified at very low levels in soil samples collected from the upper 4 feet of soil in several areas of the on-site building formerly occupied by Hall Steel and R&B Machining. No specific source of the VOC soil contamination is apparent; it is likely due to historical low volume use of cleaning products. The estimated volume of contaminated soil is small; it is likely this soil will be managed on-site during redevelopment.

Similarly, the Phase II ESA conducted on the No. 704 property identified elevated levels of arsenic (3.4mg/kg) and lead (484mg/kg) in one shallow soil sample (1' to 2' bgs) below the center of the former parking lot in the eastern part of the site. A very low level of PCB (0.044mg/kg) was also identified in this sample. The most likely explanation for these contaminant levels is the presence of a small pocket of foundry sand observed in the shallow fill at this location; no foundry sand was observed in samples collected from other soil borings completed on the site. The small volume of impacted soil and immobile nature of these contaminants will allow on-site management of the contaminated soil during redevelopment.

6.2 Redevelopment Plan For Property Nos. 701, 702, 703, 704, 705, 709

The proposed Six Points Farmers Market Neighborhood Plan incorporates housing, retail, commercial, and parking components. It provides linkages to the downtown area and former Allis-Chalmers commercial area. The plan invigorates the historic Farmers Market and provides additional parking for merchants along Greenfield Avenue.

The high density urban in-fill plan encompasses a broad section of the Six Points area. The development will create approximately 47,000 square feet of retail and commercial space, and offer 626 new housing units in a wide variety of housing choices. The overall development value is estimated at $60 million. These choices include market rate townhomes (which may be converted to condominiums at a future date), lofts, market-rate-owner occupied condominiums, market-rate live-work lofts, corporate housing, full-service apartments, and market-rate traditional courtyard apartment rental units.

The 700 Properties area contained within the proposal will include closing S. 66 Street and construction of seven new buildings (illustrated on the site plan as N,S,P,Q,R,T and possibly U) (Figure 6). The buildings will reinforce the historic appeal of the open air Farmers Market. A large plaza area will be provided on the east side of the building (N) for use by Farmers Market and Fresh Market patrons. Parking will be provided at the rear of the building (N). The Fresh Market Building is expected to contain approximately 18,000 square feet and 25 live/work units above. The additional buildings within this area will include the following:

- Building S - A three story, 24-one bedroom unit apartment building with elevator, secure lobby and underground parking.

- Building O - A two story, owner occupied condominium building with five, two bedroom units.

- Building P - A two story, owner occupied condominium building with eight, two bedroom units.

- Building Q - A four story apartment building with six, one bedroom units and thirty-six, two bedroom units. Parking would be provided underground.

- Building R - A four story apartment building with six, one bedroom units and thirty-six, two bedroom units. Parking would be provided underground.

- Building T - A four story apartment building with a mixture of one bedroom and two bedroom units. Parking would be provided underground.

- Building U - Optional 3 story parking structure with one level underground.

6.3 Impact of Site Redevelopment Plan on Feasibility of Remedial Action Options

High levels of PVOC in the shallow soil and groundwater in the northwestern part of the site established the need for site remediation in this area, primarily to mitigate the threat of direct human contact and the potential for migration of harmful vapors into commercial and residential buildings to be constructed in this area during site redevelopment. Available remedial action options for PVOC contamination generally consist of the following:

- performance standard (engineered controls to contain/isolate contaminated media) and institutional controls

- in-situ treatment to accelerate bio-treatment

- excavation with on-site biotreatment/soil management

- excavation with off-site commercial biotreatment

The following features of the site redevelopment plan adversely affect the feasibility of the initial three remedial options:

- the majority of the site will be excavated to provide basements for buildings and/or underground parking.

- the redevelopment plan consists entirely of a dense mixture of commercial and residential units.

- site redevelopment was planned to commence shortly following demolition of existing buildings and site remediation.

- the high density of the planned site redevelopment provides no available area for on-site soil biotreatment.

Based on the site conditions and site redevelopment plan described above, excavation of contaminated soil with off-site commercial biotreatment was selected as the only feasible remedial option.

6.4 Remedial Action Plan

Figure 5 illustrates the selected remedial action plan. The area of the soil excavation is indicated by the solid red line, which represents the estimated lateral limits of PVOC soil contamination. The depth intervals shown in each area of the proposed excavation represent the estimated zone of PVOC soil contamination identified from analysis of soil boring samples. Together with the proposed excavation boundary, the depth intervals were used to calculate the estimated volume of soil contaminated with PVOC above Residual Contaminant Levels (RCL).

The estimated volume for the 705 site translates to approximately 8400 tons of contaminated soil to be excavated. Since these estimates were based on a limited number of soil borings and soil sample analyses, a contingency of approximately 20% was used for soil remediation cost estimating (total of 10,000 tons of contaminated soil requiring off-site biotreatment).

The soil excavation/removal was planned to be coordinated with demolition of the on-site buildings located immediately south of the excavation area. This plan provided several efficiencies, including management and removal of pavement, storm water catch basin, and subsurface foundations by the demolition contractor. The remediation plan excluded backfilling the soil excavation, since site redevelopment was scheduled to begin immediately following completion of soil removal. A security fence will be maintained around the open excavation during the intervening period.

Due to the site redevelopment schedule, the soil excavation was completed concurrent with the most recent phase of on-site building demolition in April 2005.

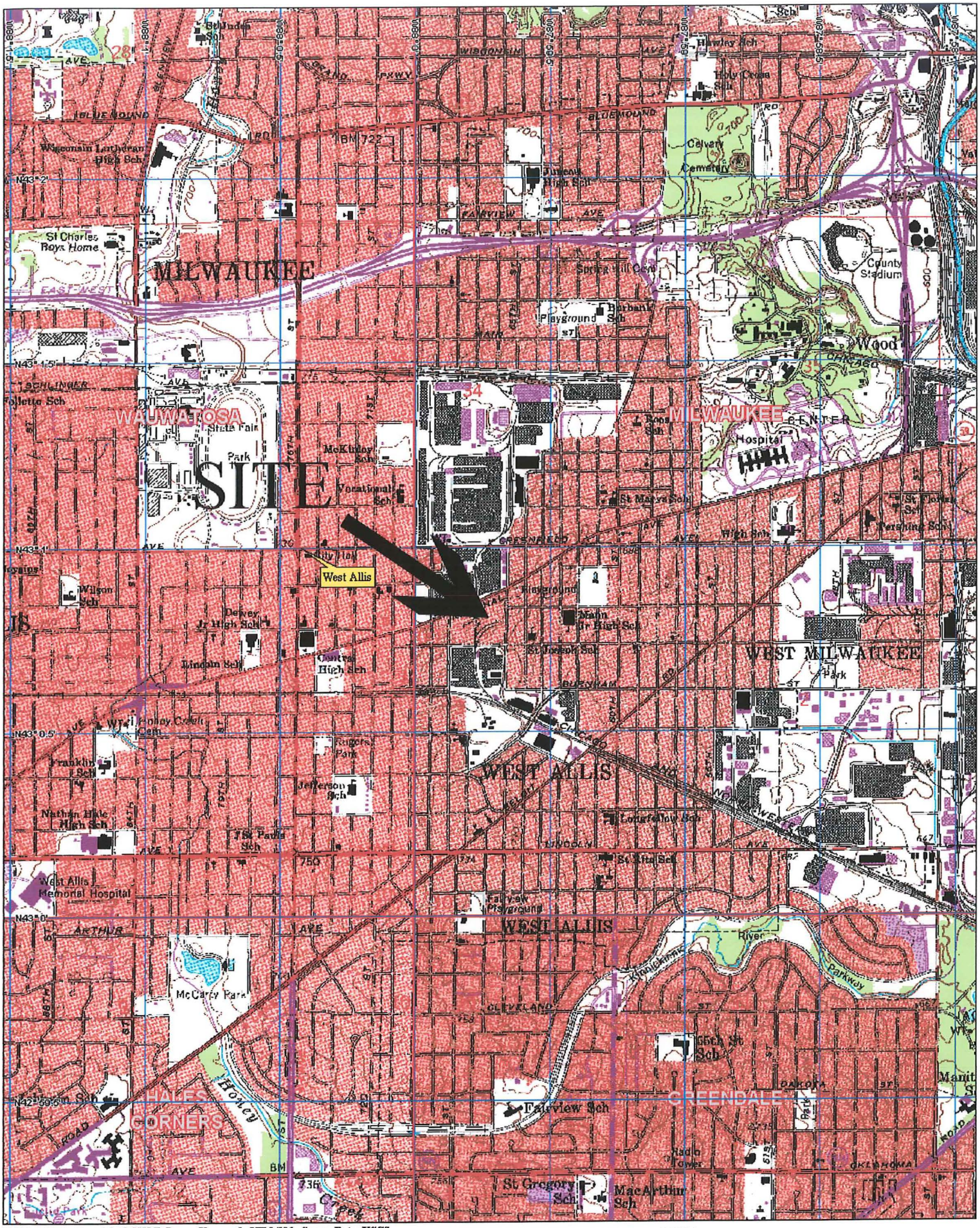
The specific remediation tasks completed and approximate quantities include the following:

Task	Estimated Quantity
Mobilization	N/A
Removal, Cleaning & Disposal of Underground Storage Tank	Three less than 500-gallon petroleum hydrocarbon UST
Pavement and Subsurface Foundation Excavation, Cleaning, Stockpiling on-site	N/A
Clean Soil Excavation/Stock Pile/Replace to Excavation/Re-slope Excavation	1,000 tons
Contaminated Soil Excavation	10,000 tons
Transport Contaminated Soils To Orchard Ridge Landfill	10,000 tons
Landfill Bioremediation of Contaminated Soil	10,00 tons
Remove/Dispose of Contaminated Groundwater	3,000 gallons
Temporary Fencing - installed around excavation perimeter - 8 feet high chain link	500 feet

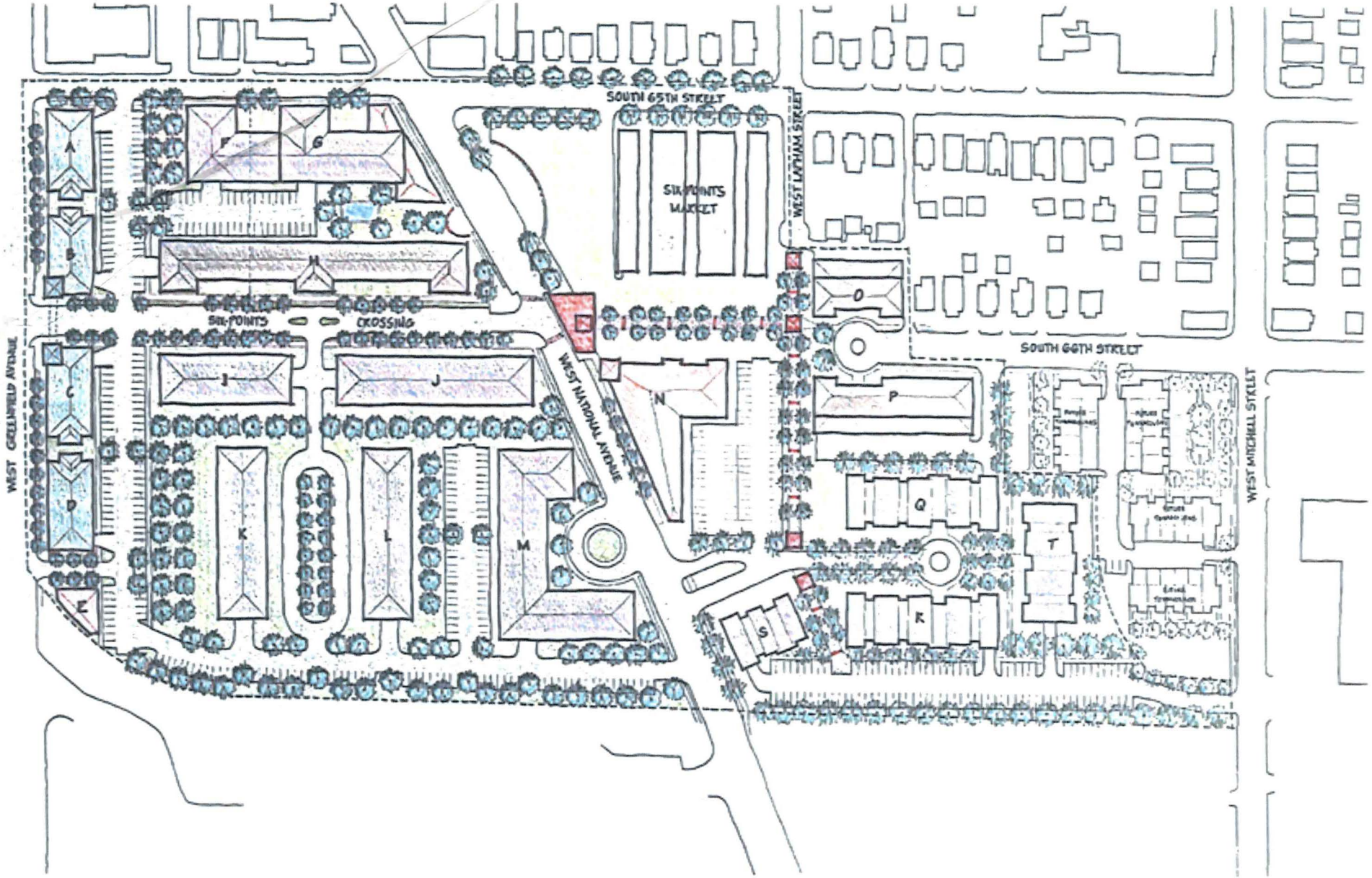
The site remediation completed will be reported under separate cover. Due to the continued presence of the National Salvage business on the site immediately west of the 705 site, a second phase of contaminated soil removal/off-site biotreatment will be completed following relocation of the National Salvage operation, and asbestos abatement/demolition of the on-site buildings. This phase of site remediation will occur on Properties 701 and 709. Property 708 (also occupied currently by National Salvage) is not included in the site redevelopment plan.

Based on the results of the Phase II ESA of the National Salvage site (Properties 701, 709, 708) in December 2002, a comprehensive Site Investigation will not be required to support the remedial action plan for these properties. Following building demolition, several additional soil borings and temporary monitoring wells will be installed and sampled in selected areas of these properties which have been inaccessible prior to building demolition and relocation of the salvage operations. The details and results of these assessment tasks will be reported as an update to the existing Phase II ESA for the 701, 708, 709 properties.

FIGURES



750 ft Scale: 1 : 25,000 Detail: 13-0 Datum: WGS84



SITE PLAN

1" = 60'-0"

THE SIX-POINTS NEIGHBORHOOD

WEST ALLIS, WISCONSIN

TOLDT DEVELOPMENT INC

REAL ESTATE DEVELOPMENT

MAY 12, 2003

A-1

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC	
DATE: 08/23/05	DRAWN BY: TJM
LOCATION: 6633-39 W. NATIONAL AVE WEST ALLIS, WISCONSIN	

FIGURE 2
MONITORING WELL & SOIL BORING LOCATIONS

LEGEND

- PROPERTY LINES
- SOIL BORING
- MONITORING WELL
- STORMWATER CATCH BASIN

SCALE
30' 0' 30' 60'
1" = 60'

N

SB-11
SB-10
SB-12
SB-9
SB-19
SB-20
SB-24
SB-21
SB-18
SB-7
MW-5
MW-8
MW-7
SB-6
SB-5
MW-1
MW-9
SB-14
SB-13
SB-8
SW CATCH BASIN
SB-1
MW-4
MW-3
SB-4
SB-2
SB-15
MW-2
MW-6
SB-3
SB-23
SB-22
SB-17
SB-16

LEASED TO NATIONAL SALVAGE
R&B MANUFACTURING
HALL STEEL
BARKOW MANUFACTURING (WAREHOUSE)
DOOR CITY
FORMER BUILDING
FLOOR DRAIN

ELECTRIC
6" GAS MAIN
GAS & WATER

W. MITCHELL STREET ℄
W. NATIONAL AVE ℄
SOUTH 66TH STREET ℄

LEGEND

PROPERTY LINES

MONITORING WELL

STORMWATER CATCH BASIN

SCALE
30' 0' 30' 60'
1" = 60'

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC	
DATE: 08/23/05	DRAWN BY: TJM
LOCATION: 6633-39 W. NATIONAL AVE WEST ALLIS, WISCONSIN	

FIGURE 3
DIRECTION OF GROUNDWATER FLOW

DIRECTION OF GROUNDWATER FLOW

93.16 MAY 15, 2003
93.72 JUNE 8, 2004

LEASED TO NATIONAL SALVAGE

R&B MANUFACTURING

HALL STEEL

BARKOW MANUFACTURING (WAREHOUSE)

DOOR CITY

FLOOR DRAIN

FORMER BUILDING

93.60 93.15 MW-8

93.16 93.72 MW-7

93.31 92.60 MW-5

MW-1 **92.32** 92.00

94.18 93.94 MW-9

SW CATCH BASIN

MW-4 **94.77** 94.45

MW-3 **95.41** 95.31

MW-6

MW-2

6" GAS MAIN

GAS & WATER

ELECTRIC

W. MITCHELL STREET ℄

W. NATIONAL AVE ℄

SOUTH 66TH STREET ℄

FIGURE 4.1
SOIL CONTAMINANT DISTRIBUTION

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC	
DATE: 08/23/05	DRAWN BY: TJM
LOCATION: 6633-39 W. NATIONAL AVE WEST ALLIS, WISCONSIN	

LEGEND

- PROPERTY LINES
- SOIL BORING
- MONITORING WELL
- STORMWATER CATCH BASIN

SCALE
30' 0' 30' 60'
1" = 60'

ALL CONTAMINANTS REPORTED IN MILLIGRAMS PER KILOGRAM

BEN	BENZENE
ETH	ETHYLBENZENE
NAP	NAPHTHALENE
TOL	TOLUENE
XYL	XYLENES (TOTAL)
DRO	DIESEL RANGE ORGANICS
B(a)A	BENZO (a) ANTHRACENE
B(a)P	BENZ (a) PYRENE
B(b)F	BENZO (b) FLUORANTHENE
D(a,h)A	DIBENZ (a,h) ANTHRACENE
I(1)P	INDENO (1,2,3-cd) PYRENE
ARS	ARSENIC

ONLY CONTAMINANT LEVELS ABOVE RESIDUAL CONTAMINANT LEVELS SHOWN

CONTAM	DETECT	DEPTH	DATE
BEN	1.2	4-8	6/19/02
ETH	2.9	4-8	6/19/02
NAP	1.7	4-8	6/19/02
XYL	10.3	4-8	6/19/02

CONTAM	DETECT	DEPTH	DATE
ARS	2.3	2.5-4.5	3/20/03

CONTAM	DETECT	DEPTH	DATE
B(a)A	0.093J	1-2	6/20/02
B(a)P	0.11J	1-2	6/20/02
B(b)F	0.12J	1-2	6/20/02

CONTAM	DETECT	DEPTH	DATE
ARS	1.9	5-6	10/19/04

CONTAM	DETECT	DEPTH	DATE
BEN	0.28	8-12	6/19/02
NAP	1	8-12	6/19/02

CONTAM	DETECT	DEPTH	DATE
BEN	6.1	4-8	6/19/02
ETH	22	4-8	6/19/02
NAP	20	4-8	6/19/02
XYL	52.8	4-8	6/19/02

CONTAM	DETECT	DEPTH	DATE
BEN	1	8-12	6/19/02
NAP	2.3	8-12	6/19/02
XYL	5	8-12	6/19/02

CONTAM	DETECT	DEPTH	DATE
DRO	540	0-4	6/19/02

CONTAM	DETECT	DEPTH	DATE
BEN	0.03	4-8	6/19/02

CONTAM	DETECT	DEPTH	DATE
B(a)A	1.52	0.5-1.5	01/05/05
B(a)P	1.5	0.5-1.5	01/05/05
B(b)F	1.86	0.5-1.5	01/05/05
B(k)F	1.25	0.5-1.5	01/05/05
D(a,h)A	0.194J	0.5-1.5	01/05/05
I(1)P	0.413	0.5-1.5	01/05/05

CONTAM	DETECT	DEPTH	DATE
ARS	6.6	2.5-4.5	3/20/03
LEAD	52	2.5-4.5	3/20/03

CONTAM	DETECT	DEPTH	DATE
BEN	0.18	4-8	6/19/02

CONTAM	DETECT	DEPTH	DATE
BEN	5.7	4-8	6/19/02
ETH	44	4-8	6/19/02
NAP	27	4-8	6/19/02
TOL	32	4-8	6/19/02
XYL	148	4-8	6/19/02
DRO	350	4-8	6/19/02

CONTAM	DETECT	DEPTH	DATE
DRO	138	7-8	01/05/05
B(a)A	0.071J	0.5-1.5	01/05/05
B(a)P	0.064J	0.5-1.5	01/05/05
B(b)F	0.096J	0.5-1.5	01/05/05

CONTAM	DETECT	DEPTH	DATE
DRO	100	1-4	10/23/04

CONTAM	DETECT	DEPTH	DATE
BEN	13	8-12	6/19/02
ETH	41	8-12	6/19/02
NAP	19	8-12	6/19/02
TOL	75	8-12	6/19/02
XYL	164	8-12	6/19/02

SB-11, SB-10, SB-12, SB-9, SB-19, SB-20, SB-24, SB-21, SB-18, SB-7, SB-14, SB-13, SB-8, SB-15, SB-23, SB-22, SB-17, SB-16, SB-6, SB-5, SB-1, SB-4, SB-2, SB-3

MW-5, MW-8, MW-7, MW-1, MW-9, MW-4, MW-3, MW-6, MW-2

LEASED TO NATIONAL SALVAGE

R&B MANUFACTURING

HALL STEEL

BARKOW MANUFACTURING (WAREHOUSE)

DOOR CITY

FORMER BUILDING

FLOOR DRAIN

SW CATCH BASIN

ELECTRIC

6" GAS MAIN

GAS & WATER

W. MITCHELL STREET ℄

W. NATIONAL AVE ℄

SOUTH 66TH STREET ℄

LEGEND

PROPERTY LINES

STORMWATER CATCH BASIN

SCALE
30' 0' 30' 60'
1" = 60'

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC	
DATE: 08/23/05	DRAWN BY: TJM
LOCATION: 6633-39 W. NATIONAL AVE WEST ALLIS, WISCONSIN	

FIGURE 5
AREA AND DEPTH INTERVALS OF GASOLINE SOIL CONTAMINATION

W. MITCHELL STREET ℄

LEASED TO
NATIONAL SALVAGE

R&B
MANUFACTURING

HALL
STEEL

BARKOW
MANUFACTURING
(WAREHOUSE)

DOOR
CITY

FLOOR
DRAIN

ELECTRIC

6" GAS MAIN

GAS & WATER

AREA OF
SOIL EXCAVATION

160
5.5-10.5
6.0-12.0
70
2.0-7.0
70
SW CATCH
BASIN
3.5-6.5
100
30
2.0-12.0
80
80
3.0-
11.0
6.5-8.0
0.0-12.0
35
90

NO DEMOLITION
WORK INSIDE
THIS LINE

FORMER
BUILDING

W. NATIONAL AVE ℄

ELECTRIC

6" GAS MAIN

SOUTH 66TH STREET ℄

CALCULATIONS - #705

AREA OF PETROLEUM HYDROCARBON
SOIL CONTAMINATION

160 x 70 = 11200 ft²
1/2(70 x 30) = 1050 ft²
1/2(100 x 80) = 4000 ft²
90 x 80 = 7200 ft²
1/2(80 x 35) = 1400 ft²
23950 ft²

THICKNESS OF HOT-SPOT SOIL
CONTAMINATION = 50.5 / 8 = 6.3 ft
AVERAGE THICKNESS
23950 ft² x 6.3 ft =
150885 ft³ = 5588 yd³ =
8382 TONS OF HOT-SPOT
CONTAMINATED SOIL

THICKNESS OF OVERBURDEN
SOIL = 28.5 / 8 =
3.6 ft AVERAGE THICKNESS
23950 ft² x 3.6 ft =
86220 ft³ = 3193 yd³ OF OVERBURDEN

2.0-7.0 DEPTH INTERVAL OF 'HOT-SPOT' SOIL CONTAMINATION

TABLES

Table 1
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Soil Sample Analytical Results - Volatile Organic Compounds (VOC)
Six Points / Farmers Market ~ Property #705 - West Allis, Wisconsin
All Contaminants Shown In mg/kg (milligrams per kilogram) • Only Contaminants With Detects Shown

Sample ID	Sample Date	Feet (bgs)	Benzene	sec-Butyl benzene	n–Butyl benzene	1,2-DCA	Ethyl benzene	Isopropyl benzene	p-Iso propyl toluene	Methy lene chloride	Naph thalene	n–Propyl benzene	Tetra chloro ethene	Toluene	1,1,1-TCA	TCE	1,2,4-TMB	1,3,5-TMB	Chloro meth ane	Vinyl Chloride	Xylenes
SB-1	06/19/02	4 - 8	***6.1***	1.9	8	<0.025	***22***	3.7	1.5	<0.025	***20***	11	<0.025	1.4	<0.025	<0.025	30	18	<0.025	<0.025	***52.8***
SB-2	06/19/02	4 - 8	**0.03**	<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	<0.050
SB-3	06/19/02	8 - 12	***13***	1.2	5.8	<0.25	***41***	3	0.620	<0.25	***19***	11	<0.25	***75***	<0.25	<0.25	62	10	<0.25	<0.25	***164***
SB-4	06/19/02	8 - 12	**1**	0.08	0.36	<0.025	2.2	230	44	<0.025	**2.3**	0.86	<0.025	0.78	<0.025	<0.025	2.5	0.81	<0.025	<0.025	**5**
SB-5	06/19/02	4 - 8	***1.2***	0.14	0.66	<0.025	**2.9**	0.32	0.094	<0.025	**1.7**	1.1	<0.025	0.4	<0.025	<0.025	5.3	1.8	0.065	<0.025	**10.3**
SB-6	06/19/02	8 - 12	**0.28**	0.083	0.27	<0.025	0.94	0.22	0.093	<0.025	**1**	0.69	<0.025	0.1	<0.025	<0.025	0.32	0.38	<0.025	<0.025	0.8
SB-7	06/19/02	0 - 4	<0.025	<0.025	0.035	<0.025	0.034	<0.025	<0.025	<0.025	0.19	0.029	<0.025	0.034	<0.025	<0.025	0.079	<0.025	<0.025	<0.025	1.08
SB-8	06/19/02	4 - 8	***5.7***	2	7.6	<0.25	**44**	4.4	4.6	<0.25	***27***	13	<0.25	**32**	<0.25	<0.25	61	21	<0.25	<0.25	**148**
SB-9	06/19/02	4 - 8	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050
SB-10	06/19/02	4 - 8	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050
SB-11	06/19/02	8 - 12	<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	<0.050
SB-12	06/19/02	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	<0.050
SB-13	06/20/02	4 - 8	**0.18**	0.080	0.250	<0.025	0.390	0.130	0.039	<0.025	0.350	0.390	<0.025	<0.025	<0.025	<0.025	0.290	0.190	<0.025	<0.025	0.420
SB-14	06/20/02	4 - 8	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050
SB-15	06/20/02	4 - 8	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050
SB-19	06/20/02	1 - 2	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.048	<0.025	<0.025	<0.025	0.220	0.031[J]	0.037	<0.025	<0.025	<0.025	<0.050
SB-20	10/19/04	3.5-4.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.052*	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050
SB-21	10/19/04	2.5-4.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.056*	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050
SB-22	10/23/04	1 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.041[J]	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050
SB-22	10/23/04	4 - 8	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050
Residual Contaminant Levels			0.0055	-	-	0.0049	2.9	-	-	-	0.4†	-	-	1.5	-	-	-	-	-	-	4.1

† = recommended RCL Bold & Outlined = exceeds RCL Bold & Italics = exceeds NR 746.06(2)(b) Table 1 levels (indicators of potential free product) or NR 746.06(2)(c) Table 2 levels (indicates unsafe for human contact)
J = Analyte detected between LOD and LOQ * Possible lab contamination reported by lab

August 23, 2005

Table 1
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Soil Sample Analytical Results - Volatile Organic Compounds (VOC)
Six Points / Farmers Market ~ Property #705 - West Allis, Wisconsin
All Contaminants Shown In mg/kg (milligrams per kilogram) • Only Contaminants With Detects Shown

Sample ID	Sample Date	Feet (bgs)	Benzene	sec-Butyl benzene	n–Butyl benzene	1,2-DCA	Ethyl benzene	Isopropyl benzene	p-Iso propyl toluene	Methy lene chloride	Naph thalene	n–Propyl benzene	Tetra chloro ethene	Toluene	1,1,1-TCA	TCE	1,2,4-TMB	1,3,5-TMB	Chloro meth ane	Vinyl Chloride	Xylenes
SB-22	10/23/04	9 - 10	<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-23	01/05/05	0.5-1.5	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.031	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050
SB-23	01/05/05	7 - 8	<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	<0.050
SB-24	01/05/05	2.5-4	<0.025	0.45	0.305	<0.025	0.061	0.27	0.758	<0.025	0.099	0.589	<0.025	<0.025	<0.025	<0.025	8.710	0.424	<0.025	<0.025	0.130
SB-24	01/05/05	7 - 8	<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	<0.050
Residual Contaminant Levels			0.0055	-	-	0.0049	2.9	-	-	-	0.4†	-	-	1.5	-	-	-	-	-	-	4.1

† = recommended RCL Bold & Outlined = exceeds RCL Bold & Italics = exceeds NR 746.06(2)(b) Table 1 levels (indicators of potential free product) or NR 746.06(2)(c) Table 2 levels (indicates unsafe for human contact)
J = Analyte detected between LOD and LOQ * Possible lab contamination reported by lab

August 23, 2005

Table 2
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Soil Sample Analytical Results ~ Diesel Range Organics (DRO)
Property #705 ~ Six Points / Farmers Market ~ West Allis, Wisconsin
All Contaminants Shown In mg/kg (milligrams per kilogram)

Sample ID	Sample Date	Feet (bgs)	DRO (mg/kg)
SB-1	06/19/02	4 - 8	***120***
SB-2	06/19/02	4 - 8	<10
SB-3	06/19/02	8 - 12	***150***
SB-4	06/19/02	8 - 12	<10
SB-5	06/19/02	4 - 8	12
SB-6	06/19/02	8 - 12	<10
SB-7	06/19/02	0 - 4	***540***
SB-8	06/19/02	4 - 8	***350***
SB-9	06/19/02	4 - 8	<10
SB-10	06/19/02	4 - 8	<10
SB-11	06/19/02	8 - 12	<10
SB-12	06/19/02	0 - 4	<10
SB-13	06/20/02	4 - 8	<10
SB-14	06/20/02	4 - 8	<10
SB-15	06/20/02	4 - 8	<10
SB-19	06/20/02	1 - 2	<10
SB-20	10/19/04	3.5 - 4.0	<10
SB-21	10/19/04	2.5 - 4.0	<10
SB-22	10/23/04	1 - 4	***100***
SB-23	01/05/05	7 - 8	***138***
SB-24	01/05/05	7 - 8	<10
Residual Contaminant Level (RCL)			***100***

bgs = below ground surface outlined = exceeds RCL December 21, 2004

Table 3
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Soil Sample Analytical Results - PolyAromatic Hydrocarbons (PAH)
Six Points / Farmers Market ~ Property #705, West Allis, Wisconsin
All Contaminants Shown In mg/kg (milligrams per kilogram)

Sample ID	SB-1 4' - 8' 06/19/02	SB-19 1' - 2' 06/20/02	SB-22 1' - 4' 10/23/04	Recommended Residual Contaminant Levels		
				Ground water Pathway [1]	Non-Industrial	Industrial
Acenaphthene	<0.21	<0.041	<0.041	38	900	60000
Acenaphthylene	<0.21	<0.042	<0.042	0.7	18	360
Anthracene	<0.17	0.038[J]	<0.034	3000	5000	300000
Benzo (a) anthracene	<0.27	***0.093[J]***	<0.054	17	0.088	3.9
Benz (a) pyrene	<0.30	***0.11[J]***	<0.059	48	0.0088	0.39
Benzo (b) fluoranthene	<0.21	***0.12[J]***	<0.042	360	0.088	3.9
Benzo (ghi) perylene	<0.41	0.10[J]	<0.082	6800	1.8	39
Benzo (k) fluoranthene	<0.40	0.10[J]	<0.079	870	0.88	39
Chrysene	<0.19	0.16	<0.038	37	8.8	390
Dibenz (a,h) anthracene	<0.38	<0.076	<0.076	38	0.0088	0.39
Fluoranthene	<0.21	0.22	<0.042	500	600	40000
Fluorene	<0.21	<0.041	<0.041	100	600	40000
Indeno (1,2,3-cd) pyrene	<0.35	<0.069	<0.069	680	0.088	3.9
1-Methyl naphthalene	2.4	0.084[J]	<0.037	23	1100	70000
2-Methyl naphthalene	5.3	0.10[J]	<0.072	20	600	40000
Naphthalene	***14.0***	0.057[J]	<0.040	0.4	20	110
Phenanthrene	0.13[J]	0.23[J]	0.025[J]	1.8	18	390
Pyrene	<0.29	0.17[J]	<0.058	8700	500	30000

[1] = for protection of groundwater [J] = detected between LOD & LOQ
Outlined = exceeds one or more of the recommended residual contaminant levels

January 27, 2005

Table 3
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Soil Sample Analytical Results - PolyAromatic Hydrocarbons (PAH)
Six Points / Farmers Market ~ Property #705, West Allis, Wisconsin
All Contaminants Shown In mg/kg (milligrams per kilogram)

Sample ID	SB-20 5' - 6' 10/19/04	SB-23 0.5' - 1.5' 01/05/05	SB-24 0.5' - 1.5' 01/05/05	Recommended Residual Contaminant Levels		
				Ground water Pathway [1]	Non-Industrial	Industrial
Acenaphthene	<0.041	<0.041	<0.041	38	900	60000
Acenaphthylene	<0.042	<0.042	<0.042	0.7	18	360
Anthracene	<0.034	<0.034	0.096[J]	3000	5000	300000
Benzo (a) anthracene	<0.054	***0.071[J]***	***1.52***	17	0.088	3.9
Benz (a) pyrene	<0.059	***0.064[J]***	***1.5***	48	0.0088	0.39
Benzo (b) fluoranthene	<0.042	***0.096[J]***	***1.86***	360	0.088	3.9
Benzo (ghi) perylene	<0.082	<0.082	0.378	6800	1.8	39
Benzo (k) fluoranthene	<0.079	<0.079	***1.25***	870	0.88	39
Chrysene	<0.038	0.102[J]	1.8	37	8.8	390
Dibenz (a,h) anthracene	<0.076	<0.076	***0.194[J]***	38	0.0088	0.39
Fluoranthene	<0.042	0.134	1.11	500	600	40000
Fluorene	<0.041	<0.041	<0.041	100	600	40000
Indeno (1,2,3-cd) pyrene	<0.069	<0.069	***0.413***	680	0.088	3.9
1-Methyl naphthalene	<0.037	<0.037	<0.037	23	1100	70000
2-Methyl naphthalene	<0.072	<0.072	<0.072	20	600	40000
Naphthalene	<0.040	<0.040	0.047[J]	0.4	20	110
Phenanthrene	<0.020	0.128	0.509	1.8	18	390
Pyrene	<0.058	0.143[J]	1.58	8700	500	30000

[1] = for protection of groundwater [J] = detected between LOD & LOQ
Outlined = exceeds one or more of the recommended residual contaminant levels

January 27, 2005

Table 4
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Property #705 ~ Six Points / Farmers Market ~ West Allis, Wisconsin
Soil Analytical Results Table: Metals
All contaminants shown in mg/kg (milligrams per kilogram)

Sample ID	Sample Date	Depth (feet bgs)	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
SB-19	06/20/02	1 - 2	<0.6	88	<0.7	21	31	0.037	<2.5	5.6
SB-20	10/19/04	5 - 6	**1.9**	120	1.2	32	14	0.039	<0.72	0.36
SB-22	10/23/04	1 - 4	<0.60	120	1.0	41	2.0	<0.024	6.0	<0.30
Residual Contaminant Levels		NI I	0.039 1.6	- - -	8 510	16,000 - - -	50 500	- - -	- - -	- - -

NI = non-industrial I = industrial

November 18, 2004

Table 5
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Property #705 ~ Six Points / Farmers Market ~ West Allis, Wisconsin
Soil Analytical Results Table: PolyChlorinated Biphenyls (PCB)
All Contaminants Shown in mg/kg (milligrams per kilogram)

Sample ID	Sample Date	Depth (feet bgs)	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
SB-1	06/19/02	4 - 8	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
SB-19	06/20/02	1 - 2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
SB-22	10/23/04	1 - 4	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Residual Contaminant Levels									

November 17, 2004

Table 6
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Soil Sample Analytical Results ~ Protocol B - Volatiles
Property #705 ~ Six Points / Farmers Market ~ West Allis, Wisconsin
All Contaminants Shown In mg/kg (milligrams per kilogram)

Sample ID	Sample Date	Feet (bgs)	2-Butanone
MW-7	03/20/03	2.5 - 4.5	<0.0014
MW-9	03/20/03	2.5 - 4.5	<0.0072
Residual Contaminant Level (RCL)			

bgs = below ground surface outlined = exceeds RCL August 23, 2005

Table 7
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Property #705 ~ Six Points / Farmers Market ~ West Allis, Wisconsin
Soil Analytical Results Table: Protocol B - Miscellaneous

Sample ID	Sample Date	Depth (feet bgs)	Cyanide, reactive (mg/kg)	Percent Chlorine (%wt)	Reactive Sulfide (mg/kg)	Flashpoint (deg F)	Free Liquids (%)	pH, lab (su)	Specific gravity	Phenolics (mg/kg)
MW-7	3/20/03	2.5 - 4.5	<0.021	0.010	<40	>210	0.0	7.8	1.835	<10
MW-9	3/20/03	2.5 - 4.5	<0.015	0.015	<29	>210	0.0	7.0	1.934	<8.9
Residual Contaminant Levels		NI I	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -

NI = non-industrial I = industrial

August 23, 2005

Table 8
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Property #705 ~ Six Points / Farmers Market ~ West Allis, Wisconsin
Soil Analytical Results Table: Protocol B - PolyChlorinated Biphenyls (PCB)
All Contaminants Shown in mg/kg (milligrams per kilogram)

Sample ID	Sample Date	Depth (feet bgs)	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
MW-7	3/20/03	2.5 - 4.5	<35	<35	<35	<35	<35	<35	<35
MW-8	3/20/03	2.5 - 4.5	<15	<15	<15	<15	<15	<15	<15
Residual Contaminant Levels									

August 23, 2005

Table 9
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Property #705 ~ Six Points / Farmers Market ~ West Allis, Wisconsin
Soil Analytical Results Table: Protocol B - Metals
All contaminants shown in mg/kg (milligrams per kilogram)

Sample ID	Sample Date	Depth (feet bgs)	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
MW-7	3/20/03	2.5 - 4.5	***2.3***	150	0.24	32	23	14	0.071	24	0.67	0.10	85
MW-9	3/20/03	2.5 - 4.5	***6.6***	81	0.38	13	34	***52***	0.052	18	1.0	<0.024	140
Residual Contaminant Levels		NI I	0.039 1.6	- - -	8 510	16,000 - - -	- - -	50 500	- - -	- - -	- - -	- - -	- - -

NI = non-industrial I = industrial

August 23, 2005

Table 10
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Soil Sample Analytical Results - Protocol B - Semi-Volatiles
Six Points / Farmers Market ~ Property #705 - West Allis, Wisconsin
All Contaminants Shown In mg/kg (milligrams per kilogram)

Sample ID	Sample Date	Feet (bgs)	1,4-Dichloro benzene	2,4,5-Trichloro phenol	2,4,6-Trichloro phenol	2,4-Dinitro toluene	2-Methyl phenol	4-Methyl phenol	bis (2-Ethylhexyl) phthalate	Chrysene	Hexa chloro benzene	Hexa chloro butadiene	Hexa chloro ethane	Nitro benzene	Penta chloro phenol
MW-7	03/20/03	2.5 - 4.5	<0.003	<0.0035	<0.0034	<0.0038	<0.0041	<0.0035	<0.0042	<0.003	<0.0042	<0.0035	<0.003	<0.0027	<0.0034
MW-9	03/20/03	2.5 - 4.5	<0.0026	<0.003	<0.0029	<0.0033	<0.0035	<0.003			<0.0036	<0.003	<0.0026	<0.00230	<0.0029
Residual Contaminant Levels															

Bold & Outlined = exceeds RCL J = Analyte detected between LOD and LOQ

August 23, 2005

Table 11
City of West Allis - 700 Series Properties
Groundwater Analytical Results: Volatile Organic Compounds (VOC)
All contaminants shown in µg/L

Sample ID	Sample Date	Benzene	Ethyl benzene	Toluene	Xylenes	1,2,4 TMB	1,3,5 TMB	MTBE	Naph thalene	1,1,1 TCA	1,1 DCA	Iso propyl benzene	n - Propyl benzene
Property No. 705													
MW-1	05/14/03	<0.41	<0.54	<0.67	<0.83 <1.8	<0.97	<0.83	<0.61	<0.74	<0.90	<0.57	<0.59	<0.81
	06/08/04	<0.29	<0.56	<0.57	<1.1<0.64	<0.51	<0.66	<0.2	<0.6	NA	NA	NA	NA
MW-2	05/14/03	<0.41	<0.54	<0.67	<0.83 <1.8	<0.97	<0.83	<0.61	<0.74	1.8[Q]	4.0	<0.59	<0.81
	06/08/04	<0.29	<0.56	<0.57	<1.1<0.64	<0.51	<0.66	<0.2	<0.6	NA	NA	NA	NA
MW-3	05/14/03	***110***	**190**	60	353	58	24	<1.2	***42***	<1.8	<1.5	7.9	16
	06/08/04	***51***	10	7.2	18.1	4.6	0.83J	<0.2	2.9	NA	NA	NA	NA
MW-4	05/14/03	<0.41	<0.54	<0.67	<0.83 <1.8	<0.97	<0.83	<0.61	<0.74	<0.90	<0.75	<0.59	<0.81
	06/08/04	<0.29	<0.56	<0.57	<1.1<0.64	<0.51	<0.66	<0.2	<0.6	NA	NA	NA	NA
MW-5	05/14/03	***170***	4.4[Q]	3.5[Q]	<2.1 <4.5	<2.4	<2.1	<1.5	<1.8	<2.2	<1.9	<1.5	<2.0
	06/08/04	***280***	5	6.6	8.34[J]	1.12[J]	<0.66	<0.2	1.2[J]	NA	NA	NA	NA
Preventative Action Limit		0.5	140	200	1,000	96		12	8	40	85	- - -	- - -
Enforcement Standard		5	700	1,000	10,000	480		60	40	200	850		

µg/L = micrograms per liter Q = Analyte detected between LOD and LOQ NA = Not Analyzed
Bold & Outlined = Exceeds PAL Bold and Italics = Exceeds ES

August 23, 2005

Table 11
City of West Allis - 700 Series Properties
Groundwater Analytical Results: Volatile Organic Compounds (VOC)
All contaminants shown in µg/L

Sample ID	Sample Date	Benzene	Ethyl benzene	Toluene	Xylenes	1,2,4 TMB	1,3,5 TMB	MTBE	Naph thalene	1,1,1 TCA	1,1 DCA	Iso propyl benzene	n - Propyl benzene
MW-6	05/14/03	***2,900***	**250**	**530**	810	**98**	**39^{Q}**	<12	***59***	<18	<15	16^{Q}	31^{Q}
	06/08/04	***2,110***	**561**	53^{J}	143.5^{J}	57^{J}	<33	<10	***48.5^{J}***	NA	NA	NA	NA
MW-7	05/14/03	***620***	72	38	70	5.5^{Q}	6.5^{Q}	<15	<18	<22	<19	<15	<20
	06/08/04	***340***	57	4.1	14.9	6.5	3.2	<0.2	2.8	NA	NA	NA	NA
MW-8	05/14/03	***3,000***	**190**	67	49^{Q}	<24	<21	<15	<18	<22	<19	<15	<20
	06/08/04	***370***	**10**	8.2	3.16J	<0.51	<0.66	<0.2	<0.6	NA	NA	NA	NA
MW-9	05/14/03	***3,600***	***1,100***	**220**	670^{Q}	**72^{Q}**	**94^{Q}**	<30	***270***	<45	<38	69^{Q}	200
	06/08/04	***3,180***	***823***	146	244^{J}	**<25.5**	**<33**	<10	***224***	NA	NA	NA	NA
Preventative Action Limit		0.5	140	200	1,000	96		12	8	40	85	- - -	- - -
Enforcement Standard		5	700	1,000	10,000	480		60	40	200	850		

µg/L = micrograms per liter Q = Analyte detected between LOD and LOQ NA = Not Analyzed
Bold & Outlined = Exceeds PAL Bold and Italics = Exceeds ES

August 23, 2005

Table 12
City of West Allis - 700 Series Properties
Groundwater Sample Analytical Results - Polynuclear Aromatic Hydrocarbons (PAH)
All contaminants shown in µg/L (Micrograms per liter (parts per billion)

Sample ID	Sample Date	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracen	Benzo(a)pyrene	Benzo(b)-fluoran	Benzo (g,h,i)	Benzo(k)fluoran	Chrysene	Dibenzo (a,h)	Fluoranthene	Fluorene	Indeno (1,2,3-cd)	1-Methyl-naph	2-Methyl-naph	Naphthalene	Phenanthrene	Pyrene
Property No. 705																			
MW-1	05/14/03	<0.018	<0.019	<0.020	<0.012	<0.014	<0.013	<0.016	<0.019	<0.014	<0.016	<0.013	<0.013	<0.021	<0.018	<0.017	0.035[Q]	<0.016	<0.017
MW-4	05/14/03	<0.018	0.033[Q]	0.088	0.13	**0.11**	**0.12**	0.082	0.097	**0.18**	0.027[Q]	0.20	0.029[Q]	0.071	0.032[Q]	0.059	0.057[Q]	0.19	0.28
MW-5	05/14/03	<0.018	<0.019	<0.020	0.044	**0.042[Q]**	**0.057**	0.038[Q]	0.036[Q]	**0.054**	<0.016	0.072	<0.017	0.031[Q]	0.022[Q]	0.032[Q]	0.40	0.041[Q]	0.069
MW-6	05/14/03	<0.36	<0.38	<0.40	<0.24	<0.28	<0.26	<0.32	<0.38	<0.28	<0.32	<0.26	<0.34	<0.42	1.1	1.2	**18**	<0.32	<0.34
PAL		- - -	- - -	600	- - -	0.02	0.02	- - -	- - -	0.02	- - -	80	80	- - -	- - -	- - -	8	- - -	50
ES				3,000		0.2	0.2			0.2		400	400				40		250

[Q] = Analyte detected between LOD and LOQ Bold & Outlined = Exceeds PAL Bold and Italics = Exceeds ES - - - = Not Established

August 23, 2005

Table 13
City of West Allis - 700 Series Properties
Groundwater Analytical Results: RCRA Metals
All contaminants shown in µg/L (micrograms per liter)

Sample ID	Sample Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
Property No. 705									
MW-1	05/14/03	0.75	**730**	0.29	3.8	0.46	<0.030	3.9	<0.070
MW-4	05/14/03	1.1	250	<0.14	0.58[Q]	1.4	<0.030	2.2	<0.050
MW-5	05/14/03	4.0	220	**1.7**	3.0	**2.2**	<0.030	2.4	<0.050
MW-6	05/14/03	2.0	310	0.13[Q]	1.2	0.84	<0.030	3.5	<0.070
Preventative Action Limit		5	400	0.5	10	1.5	0.2	10	10
Enforcement Standard		50	2,000	5	100	15	2	50	50

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

Italics and Outlined = concentration above ES

August 23, 2005

Table 14
City of West Allis - 700 Series Properties
Groundwater Analytical Results Table: PCB
All Contaminants Shown in µg/l (micrograms per liter)

Sample ID	Sample Date	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
MW-9	05/14/03	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
Preventive Action Limit (1) **Enforcement Standard** (1)		0.003 0.03						

(1) Total PCB

August 23, 2005

Table 15
Groundwater Elevation and Well Elevation Measurements
City of West Allis - Property #705
West Allis, Wisconsin
(Recorded in Feet)

Well ID	Date	Top of Casing Elevation	Depth to Water from Top of Casing	Groundwater Elevation
MW-1	05/15/03	97.69	5.37	92.32
	06/08/04		5.69	92.00
MW-2	abandoned			
MW-3	05/15/03	98.26	2.85	95.41
	06/08/04		2.95	95.31
MW-4	05/15/03	97.37	2.60	94.77
	06/08/04		2.92	94.45
MW-5	05/15/03	95.01	1.70	93.31
	06/08/04		2.41	92.60
MW-6	abandoned			
MW-7	05/15/03	99.91	6.75	93.16
	06/08/04		6.19	93.72
MW-8	05/15/03	96.27	2.67	93.60
	06/08/04		3.12	93.15
MW-9	05/15/03	97.05	2.87	94.18
	06/08/04		3.11	93.94

Well elevations are referenced to the elevation of the center of the southernmost sewer manhole cover located in the center of West National Avenue directly north of the entrance to the site = 100.00 feet

August 23, 2005

APPENDIX A

LABORATORY ANALYTICAL REPORTS

U.S. Analytical Lab

J L HOSLER
TEMCO
PO BOX 856
CEDARBURG WI 53012

Project # NONE
Project Name WEST ALLIS PROPERTY NO.
Invoice # E41135

Report Date *05-Jul-02*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5041135A						**Sample Type** Soil			
Sample ID SB-1 4-8						**Sample Date** 6/19/2002			
Inorganic									
General									
Solids Percent	78.8	%			1	6/24/2002	5021	AJV	1
Organic									
General									
Diesel Range Organics	120	mg/kg	2.2	7.2	1	6/29/2002	DRO95	KAH	1 43
PAH's									
Acenaphthene	< 210	ug/kg	210	650	5	7/1/2002	M8270	DJM	1
Acenaphthylene	< 210	ug/kg	210	650	5	7/1/2002	M8270	DJM	1
Anthracene	< 170	ug/kg	170	550	5	7/1/2002	M8270	DJM	1
Benzo(a)anthracene	< 270	ug/kg	270	850	5	7/1/2002	M8270	DJM	1
Benzo(a)pyrene	< 300	ug/kg	300	1000	5	7/1/2002	M8270	DJM	1
Benzo(b)fluoranthene	< 210	ug/kg	210	650	5	7/1/2002	M8270	DJM	1
Benzo(g,h,i)perylene	< 410	ug/kg	410	1300	5	7/1/2002	M8270	DJM	1
Benzo(k)fluoranthene	< 400	ug/kg	400	1300	5	7/1/2002	M8270	DJM	1
Chrysene	< 190	ug/kg	190	600	5	7/1/2002	M8270	DJM	1
Dibenzo(a,h)anthracene	< 380	ug/kg	380	1200	5	7/1/2002	M8270	DJM	1
Fluoranthene	< 210	ug/kg	210	650	5	7/1/2002	M8270	DJM	1
Fluorene	< 210	ug/kg	210	650	5	7/1/2002	M8270	DJM	1
Indeno(1,2,3-cd)pyrene	< 350	ug/kg	350	1100	5	7/1/2002	M8270	DJM	1
1-Methyl naphthalene	2400	ug/kg	190	600	5	7/1/2002	M8270	DJM	1
2-Methyl naphthalene	5300	ug/kg	360	1200	5	7/1/2002	M8270	DJM	1
Naphthalene	14000	ug/kg	200	650	5	7/1/2002	M8270	DJM	1
Phenanthrene	130 "J"	ug/kg	100	310	5	7/1/2002	M8270	DJM	1
Pyrene	< 290	ug/kg	290	1000	5	7/1/2002	M8270	DJM	1
PCB's									
Aroclor 1016	< 2	ug/kg	2	6.5	1	6/24/2002	8082	TMS	1
Aroclor 1221	< 2	ug/kg	2	6.5	1	6/24/2002	8082	TMS	1
Aroclor 1232	< 2	ug/kg	2	6.5	1	6/24/2002	8082	TMS	1
Aroclor 1242	< 2	ug/kg	2	6.5	1	6/24/2002	8082	TMS	1
Aroclor 1248	< 2	ug/kg	2	6.5	1	6/24/2002	8082	TMS	1
Aroclor 1254	< 2	ug/kg	2	6.5	1	6/24/2002	8082	TMS	1
Aroclor 1260	< 2	ug/kg	2	6.5	1	6/24/2002	8082	TMS	1

U.S. Analytical Lab

J L HOSLER
TEMCO
PO BOX 856
CEDARBURG WI 53012

Project # NONE
Project Name WEST ALLIS PROPERTY NO.
Invoice # E41135

Report Date *05-Jul-02*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5041135A						**Sample Type** Soil			
Sample ID SB-1 4-8						**Sample Date** 6/19/2002			
VOC's									
Benzene	6100	ug/kg	8.2	26	1	6/27/2002	8260B	CJR	1
Bromobenzene	< 25	ug/kg	8.5	27	1	6/27/2002	8260B	CJR	1
Bromodichloromethane	< 25	ug/kg	7.2	23	1	6/27/2002	8260B	CJR	1
tert-Butylbenzene	< 25	ug/kg	6.5	21	1	6/27/2002	8260B	CJR	1
sec-Butylbenzene	1900	ug/kg	7.4	24	1	6/27/2002	8260B	CJR	1
n-Butylbenzene	8000	ug/kg	7.2	23	1	6/27/2002	8260B	CJR	1
Carbon Tetrachloride	< 25	ug/kg	10	31	1	6/27/2002	8260B	CJR	1
Chlorobenzene	< 25	ug/kg	7.7	24	1	6/27/2002	8260B	CJR	1
Chloroethane	< 25	ug/kg	9	29	1	6/27/2002	8260B	CJR	1
Chloroform	< 25	ug/kg	5.9	19	1	6/27/2002	8260B	CJR	1
Chloromethane	< 25	ug/kg	6.5	21	1	6/27/2002	8260B	CJR	1
2-Chlorotoluene	< 25	ug/kg	7.2	23	1	6/27/2002	8260B	CJR	1
4-Chlorotoluene	< 25	ug/kg	5.8	18	1	6/27/2002	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	20	62	1	6/27/2002	8260B	CJR	1
Dibromochloromethane	< 25	ug/kg	4.3	14	1	6/27/2002	8260B	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	6.2	20	1	6/27/2002	8260B	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	6.4	20	1	6/27/2002	8260B	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	4.9	15	1	6/27/2002	8260B	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	22	69	1	6/27/2002	8260B	CJR	1
1,2-Dichloroethane	< 25	ug/kg	7.8	25	1	6/27/2002	8260B	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.2	26	1	6/27/2002	8260B	CJR	1
1,1-Dichloroethene	< 25	ug/kg	10	30	1	6/27/2002	8260B	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	7.2	23	1	6/27/2002	8260B	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	6.3	20	1	6/27/2002	8260B	CJR	1
1,2-Dichloropropane	< 25	ug/kg	4.7	15	1	6/27/2002	8260B	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	36	1	6/27/2002	8260B	CJR	3 4 7
1,3-Dichloropropane	< 25	ug/kg	5.5	17	1	6/27/2002	8260B	CJR	1
Di-isopropyl ether	< 25	ug/kg	6.7	21	1	6/27/2002	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	5.3	17	1	6/27/2002	8260B	CJR	1
Ethylbenzene	22000	ug/kg	7.4	23	1	6/27/2002	8260B	CJR	1
Hexachlorobutadiene	< 25	ug/kg	17	54	1	6/27/2002	8260B	CJR	1
Isopropylbenzene	3700	ug/kg	8	26	1	6/27/2002	8260B	CJR	1
p-Isopropyltoluene	1500	ug/kg	6.8	22	1	6/27/2002	8260B	CJR	1

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Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5041135A						**Sample Type** Soil			
Sample ID SB-1 4-8						**Sample Date** 6/19/2002			
Methylene chloride	< 25	ug/kg	7.9	25	1	6/27/2002	8260B	CJR	4
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.4	27	1	6/27/2002	8260B	CJR	1
Naphthalene	20000	ug/kg	5.6	18	1	6/27/2002	8260B	CJR	1
n-Propylbenzene	11000	ug/kg	8.6	27	1	6/27/2002	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	5.2	17	1	6/27/2002	8260B	CJR	1
Tetrachloroethene	< 25	ug/kg	9.2	29	1	6/27/2002	8260B	CJR	1
Toluene	1400	ug/kg	8.8	28	1	6/27/2002	8260B	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	8	25	1	6/27/2002	8260B	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	8.3	26	1	6/27/2002	8260B	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	10	31	1	6/27/2002	8260B	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	6.3	20	1	6/27/2002	8260B	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	10	31	1	6/27/2002	8260B	CJR	1
Trichlorofluoromethane	< 25	ug/kg	18	57	1	6/27/2002	8260B	CJR	1
1,2,4-Trimethylbenzene	30000	ug/kg	8.2	26	1	6/27/2002	8260B	CJR	1
1,3,5-Trimethylbenzene	18000	ug/kg	5.6	18	1	6/27/2002	8260B	CJR	1
Vinyl Chloride	< 25	ug/kg	10	33	1	6/27/2002	8260B	CJR	1
m&p-Xylene	50000	ug/kg	13	41	1	6/27/2002	8260B	CJR	1
o-Xylene	2800	ug/kg	4.2	13	1	6/27/2002	8260B	CJR	1
Lab Code 5041135B						**Sample Type** Soil			
Sample ID SB-2 4-8						**Sample Date** 6/19/2002			
Inorganic									
General									
Solids Percent	79.8	%			1	6/24/2002	5021	AJV	1
Organic									
General									
Diesel Range Organics	< 10	mg/kg	2.2	7.2	1	6/29/2002	DRO95	KAH	1
VOC's									
Benzene	30	ug/kg	8.2	26	1	7/1/2002	8260B	CJR	1
Bromobenzene	< 25	ug/kg	8.5	27	1	7/1/2002	8260B	CJR	1
Bromodichloromethane	< 25	ug/kg	7.2	23	1	7/1/2002	8260B	CJR	1
tert-Butylbenzene	< 25	ug/kg	6.5	21	1	7/1/2002	8260B	CJR	1
sec-Butylbenzene	< 25	ug/kg	7.4	24	1	7/1/2002	8260B	CJR	1

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Lab Code 5041135B						**Sample Type** Soil			
Sample ID SB-2 4-8						**Sample Date** 6/19/2002			
n-Butylbenzene	< 25	ug/kg	7.2	23	1	7/1/2002	8260B	CJR	1
Carbon Tetrachloride	< 25	ug/kg	10	31	1	7/1/2002	8260B	CJR	1
Chlorobenzene	< 25	ug/kg	7.7	24	1	7/1/2002	8260B	CJR	1
Chloroethane	< 25	ug/kg	9	29	1	7/1/2002	8260B	CJR	1
Chloroform	< 25	ug/kg	5.9	19	1	7/1/2002	8260B	CJR	1
Chloromethane	< 25	ug/kg	6.5	21	1	7/1/2002	8260B	CJR	1
2-Chlorotoluene	< 25	ug/kg	7.2	23	1	7/1/2002	8260B	CJR	1
4-Chlorotoluene	< 25	ug/kg	5.8	18	1	7/1/2002	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	20	62	1	7/1/2002	8260B	CJR	1
Dibromochloromethane	< 25	ug/kg	4.3	14	1	7/1/2002	8260B	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	6.2	20	1	7/1/2002	8260B	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	6.4	20	1	7/1/2002	8260B	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	4.9	15	1	7/1/2002	8260B	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	22	69	1	7/1/2002	8260B	CJR	1
1,2-Dichloroethane	< 25	ug/kg	7.8	25	1	7/1/2002	8260B	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.2	26	1	7/1/2002	8260B	CJR	1
1,1-Dichloroethene	< 25	ug/kg	10	30	1	7/1/2002	8260B	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	7.2	23	1	7/1/2002	8260B	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	6.3	20	1	7/1/2002	8260B	CJR	1
1,2-Dichloropropane	< 25	ug/kg	4.7	15	1	7/1/2002	8260B	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	36	1	7/1/2002	8260B	CJR	1
1,3-Dichloropropane	< 25	ug/kg	5.5	17	1	7/1/2002	8260B	CJR	1
Di-isopropyl ether	< 25	ug/kg	6.7	21	1	7/1/2002	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	5.3	17	1	7/1/2002	8260B	CJR	1
Ethylbenzene	< 25	ug/kg	7.4	23	1	7/1/2002	8260B	CJR	1
Hexachlorobutadiene	< 25	ug/kg	17	54	1	7/1/2002	8260B	CJR	1
Isopropylbenzene	< 25	ug/kg	8	26	1	7/1/2002	8260B	CJR	1
p-Isopropyltoluene	< 25	ug/kg	6.8	22	1	7/1/2002	8260B	CJR	1
Methylene chloride	< 25	ug/kg	7.9	25	1	7/1/2002	8260B	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.4	27	1	7/1/2002	8260B	CJR	1
Naphthalene	< 25	ug/kg	5.6	18	1	7/1/2002	8260B	CJR	1
n-Propylbenzene	< 25	ug/kg	8.6	27	1	7/1/2002	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	5.2	17	1	7/1/2002	8260B	CJR	1
Tetrachloroethene	< 25	ug/kg	9.2	29	1	7/1/2002	8260B	CJR	1

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Lab Code 5041135B						**Sample Type** Soil			
Sample ID SB-2 4-8						**Sample Date** 6/19/2002			
Toluene	< 25	ug/kg	8.8	28	1	7/1/2002	8260B	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	8	25	1	7/1/2002	8260B	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	8.3	26	1	7/1/2002	8260B	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	10	31	1	7/1/2002	8260B	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	6.3	20	1	7/1/2002	8260B	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	10	31	1	7/1/2002	8260B	CJR	1
Trichlorofluoromethane	< 25	ug/kg	18	57	1	7/1/2002	8260B	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	8.2	26	1	7/1/2002	8260B	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	5.6	18	1	7/1/2002	8260B	CJR	1
Vinyl Chloride	< 25	ug/kg	10	33	1	7/1/2002	8260B	CJR	1
m&p-Xylene	< 50	ug/kg	13	41	1	7/1/2002	8260B	CJR	1
o-Xylene	< 25	ug/kg	4.2	13	1	7/1/2002	8260B	CJR	1
Lab Code 5041135C						**Sample Type** Soil			
Sample ID SB-3 8-12						**Sample Date** 6/19/2002			
Inorganic									
General									
Solids Percent	78.5	%			1	6/24/2002	5021	AJV	1
Organic									
General									
Diesel Range Organics	150	mg/kg	2.2	7.2	1	6/29/2002	DRO95	KAH	1 45
VOC's									
Benzene	13000	ug/kg	82	260	10	7/1/2002	8260B	CJR	1
Bromobenzene	< 250	ug/kg	85	270	10	7/1/2002	8260B	CJR	1
Bromodichloromethane	< 250	ug/kg	72	230	10	7/1/2002	8260B	CJR	1
tert-Butylbenzene	< 250	ug/kg	65	210	10	7/1/2002	8260B	CJR	1
sec-Butylbenzene	1200	ug/kg	74	240	10	7/1/2002	8260B	CJR	1
n-Butylbenzene	5800	ug/kg	72	230	10	7/1/2002	8260B	CJR	1
Carbon Tetrachloride	< 250	ug/kg	100	310	10	7/1/2002	8260B	CJR	1
Chlorobenzene	< 250	ug/kg	77	240	10	7/1/2002	8260B	CJR	1
Chloroethane	< 250	ug/kg	90	290	10	7/1/2002	8260B	CJR	1
Chloroform	< 250	ug/kg	59	190	10	7/1/2002	8260B	CJR	1
Chloromethane	< 250	ug/kg	65	210	10	7/1/2002	8260B	CJR	1

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Lab Code 5041135C						**Sample Type** Soil			
Sample ID SB-3 8-12						**Sample Date** 6/19/2002			
2-Chlorotoluene	< 250	ug/kg	72	230	10	7/1/2002	8260B	CJR	1
4-Chlorotoluene	< 250	ug/kg	58	180	10	7/1/2002	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 250	ug/kg	200	620	10	7/1/2002	8260B	CJR	1
Dibromochloromethane	< 250	ug/kg	43	140	10	7/1/2002	8260B	CJR	1
1,4-Dichlorobenzene	< 250	ug/kg	62	200	10	7/1/2002	8260B	CJR	1
1,3-Dichlorobenzene	< 250	ug/kg	64	200	10	7/1/2002	8260B	CJR	1
1,2-Dichlorobenzene	< 250	ug/kg	49	150	10	7/1/2002	8260B	CJR	1
Dichlorodifluoromethane	< 250	ug/kg	220	690	10	7/1/2002	8260B	CJR	1
1,2-Dichloroethane	< 250	ug/kg	78	250	10	7/1/2002	8260B	CJR	1
1,1-Dichloroethane	< 250	ug/kg	82	260	10	7/1/2002	8260B	CJR	1
1,1-Dichloroethene	< 250	ug/kg	100	300	10	7/1/2002	8260B	CJR	1
cis-1,2-Dichloroethene	< 250	ug/kg	72	230	10	7/1/2002	8260B	CJR	1
trans-1,2-Dichloroethene	< 250	ug/kg	63	200	10	7/1/2002	8260B	CJR	1
1,2-Dichloropropane	< 250	ug/kg	47	150	10	7/1/2002	8260B	CJR	1
2,2-Dichloropropane	< 250	ug/kg	110	360	10	7/1/2002	8260B	CJR	1
1,3-Dichloropropane	< 250	ug/kg	55	170	10	7/1/2002	8260B	CJR	1
Di-isopropyl ether	< 250	ug/kg	67	210	10	7/1/2002	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 250	ug/kg	53	170	10	7/1/2002	8260B	CJR	1
Ethylbenzene	41000	ug/kg	74	230	10	7/1/2002	8260B	CJR	1
Hexachlorobutadiene	< 250	ug/kg	170	540	10	7/1/2002	8260B	CJR	1
Isopropylbenzene	3000	ug/kg	80	260	10	7/1/2002	8260B	CJR	1
p-Isopropyltoluene	620	ug/kg	68	220	10	7/1/2002	8260B	CJR	1
Methylene chloride	< 250	ug/kg	79	250	10	7/1/2002	8260B	CJR	1
Methyl tert-butyl ether (MTBE)	< 250	ug/kg	84	270	10	7/1/2002	8260B	CJR	1
Naphthalene	19000	ug/kg	56	180	10	7/1/2002	8260B	CJR	1
n-Propylbenzene	11000	ug/kg	86	270	10	7/1/2002	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 250	ug/kg	52	170	10	7/1/2002	8260B	CJR	1
Tetrachloroethene	< 250	ug/kg	92	290	10	7/1/2002	8260B	CJR	1
Toluene	75000	ug/kg	88	280	10	7/1/2002	8260B	CJR	1
1,2,4-Trichlorobenzene	< 250	ug/kg	80	250	10	7/1/2002	8260B	CJR	1
1,2,3-Trichlorobenzene	< 250	ug/kg	83	260	10	7/1/2002	8260B	CJR	1
1,1,1-Trichloroethane	< 250	ug/kg	100	310	10	7/1/2002	8260B	CJR	1
1,1,2-Trichloroethane	< 250	ug/kg	63	200	10	7/1/2002	8260B	CJR	1
Trichloroethene (TCE)	< 250	ug/kg	100	310	10	7/1/2002	8260B	CJR	1

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Lab Code 5041135C						**Sample Type** Soil			
Sample ID SB-3 8-12						**Sample Date** 6/19/2002			
Trichlorofluoromethane	< 250	ug/kg	180	570	10	7/1/2002	8260B	CJR	1
1,2,4-Trimethylbenzene	62000	ug/kg	82	260	10	7/1/2002	8260B	CJR	1
1,3,5-Trimethylbenzene	19000	ug/kg	56	180	10	7/1/2002	8260B	CJR	1
Vinyl Chloride	< 250	ug/kg	100	330	10	7/1/2002	8260B	CJR	1
m&p-Xylene	120000	ug/kg	130	410	10	7/1/2002	8260B	CJR	1
o-Xylene	44000	ug/kg	42	130	10	7/1/2002	8260B	CJR	1
Lab Code 5041135D						**Sample Type** Soil			
Sample ID SB-4 8-12						**Sample Date** 6/19/2002			
Inorganic									
General									
Solids Percent	87.6	%			1	6/24/2002	5021	AJV	1
Organic									
General									
Diesel Range Organics	< 10	mg/kg	2.2	7.2	1	6/29/2002	DRO95	KAH	1
VOC's									
Benzene	1000	ug/kg	8.2	26	1	6/28/2002	8260B	CJR	1
Bromobenzene	< 25	ug/kg	8.5	27	1	6/28/2002	8260B	CJR	1
Bromodichloromethane	< 25	ug/kg	7.2	23	1	6/28/2002	8260B	CJR	1
tert-Butylbenzene	< 25	ug/kg	6.5	21	1	6/28/2002	8260B	CJR	1
sec-Butylbenzene	80	ug/kg	7.4	24	1	6/28/2002	8260B	CJR	1
n-Butylbenzene	360	ug/kg	7.2	23	1	6/28/2002	8260B	CJR	1
Carbon Tetrachloride	< 25	ug/kg	10	31	1	6/28/2002	8260B	CJR	1
Chlorobenzene	< 25	ug/kg	7.7	24	1	6/28/2002	8260B	CJR	1
Chloroethane	< 25	ug/kg	9	29	1	6/28/2002	8260B	CJR	1
Chloroform	< 25	ug/kg	5.9	19	1	6/28/2002	8260B	CJR	1
Chloromethane	< 25	ug/kg	6.5	21	1	6/28/2002	8260B	CJR	1
2-Chlorotoluene	< 25	ug/kg	7.2	23	1	6/28/2002	8260B	CJR	1
4-Chlorotoluene	< 25	ug/kg	5.8	18	1	6/28/2002	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	20	62	1	6/28/2002	8260B	CJR	1
Dibromochloromethane	< 25	ug/kg	4.3	14	1	6/28/2002	8260B	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	6.2	20	1	6/28/2002	8260B	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	6.4	20	1	6/28/2002	8260B	CJR	1

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Lab Code 5041135D						**Sample Type** Soil			
Sample ID SB-4 8-12						**Sample Date** 6/19/2002			
1,2-Dichlorobenzene	< 25	ug/kg	4.9	15	1	6/28/2002	8260B	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	22	69	1	6/28/2002	8260B	CJR	1
1,2-Dichloroethane	< 25	ug/kg	7.8	25	1	6/28/2002	8260B	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.2	26	1	6/28/2002	8260B	CJR	1
1,1-Dichloroethene	< 25	ug/kg	10	30	1	6/28/2002	8260B	CJR	2
cis-1,2-Dichloroethene	< 25	ug/kg	7.2	23	1	6/28/2002	8260B	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	6.3	20	1	6/28/2002	8260B	CJR	2
1,2-Dichloropropane	< 25	ug/kg	4.7	15	1	6/28/2002	8260B	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	36	1	6/28/2002	8260B	CJR	1
1,3-Dichloropropane	< 25	ug/kg	5.5	17	1	6/28/2002	8260B	CJR	1
Di-isopropyl ether	< 25	ug/kg	6.7	21	1	6/28/2002	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	5.3	17	1	6/28/2002	8260B	CJR	1
Ethylbenzene	2200	ug/kg	7.4	23	1	6/28/2002	8260B	CJR	1
Hexachlorobutadiene	< 25	ug/kg	17	54	1	6/28/2002	8260B	CJR	1
Isopropylbenzene	230	ug/kg	8	26	1	6/28/2002	8260B	CJR	1
p-Isopropyltoluene	44	ug/kg	6.8	22	1	6/28/2002	8260B	CJR	1
Methylene chloride	< 25	ug/kg	7.9	25	1	6/28/2002	8260B	CJR	2
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.4	27	1	6/28/2002	8260B	CJR	1
Naphthalene	2300	ug/kg	5.6	18	1	6/28/2002	8260B	CJR	1
n-Propylbenzene	860	ug/kg	8.6	27	1	6/28/2002	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	5.2	17	1	6/28/2002	8260B	CJR	1
Tetrachloroethene	< 25	ug/kg	9.2	29	1	6/28/2002	8260B	CJR	1
Toluene	780	ug/kg	8.8	28	1	6/28/2002	8260B	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	8	25	1	6/28/2002	8260B	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	8.3	26	1	6/28/2002	8260B	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	10	31	1	6/28/2002	8260B	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	6.3	20	1	6/28/2002	8260B	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	10	31	1	6/28/2002	8260B	CJR	1
Trichlorofluoromethane	< 25	ug/kg	18	57	1	6/28/2002	8260B	CJR	1
1,2,4-Trimethylbenzene	2500	ug/kg	8.2	26	1	6/28/2002	8260B	CJR	1
1,3,5-Trimethylbenzene	810	ug/kg	5.6	18	1	6/28/2002	8260B	CJR	1
Vinyl Chloride	< 25	ug/kg	10	33	1	6/28/2002	8260B	CJR	1
m&p-Xylene	4000	ug/kg	13	41	1	6/28/2002	8260B	CJR	1
o-Xylene	1000	ug/kg	4.2	13	1	6/28/2002	8260B	CJR	1

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Report Date *05-Jul-02*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5041135E						**Sample Type** Soil			
Sample ID SB-5 4-8						**Sample Date** 6/19/2002			
Inorganic									
General									
Solids Percent	82.4	%			1	6/24/2002	5021	AJV	1
Organic									
General									
Diesel Range Organics	12	mg/kg	2.2	7.2	1	6/29/2002	DRO95	KAH	1 43
VOC's									
Benzene	1200	ug/kg	8.2	26	1	6/28/2002	8260B	CJR	1
Bromobenzene	< 25	ug/kg	8.5	27	1	6/28/2002	8260B	CJR	1
Bromodichloromethane	< 25	ug/kg	7.2	23	1	6/28/2002	8260B	CJR	1
tert-Butylbenzene	< 25	ug/kg	6.5	21	1	6/28/2002	8260B	CJR	1
sec-Butylbenzene	140	ug/kg	7.4	24	1	6/28/2002	8260B	CJR	1
n-Butylbenzene	660	ug/kg	7.2	23	1	6/28/2002	8260B	CJR	1
Carbon Tetrachloride	< 25	ug/kg	10	31	1	6/28/2002	8260B	CJR	1
Chlorobenzene	< 25	ug/kg	7.7	24	1	6/28/2002	8260B	CJR	1
Chloroethane	< 25	ug/kg	9	29	1	6/28/2002	8260B	CJR	1
Chloroform	< 25	ug/kg	5.9	19	1	6/28/2002	8260B	CJR	1
Chloromethane	65	ug/kg	6.5	21	1	6/28/2002	8260B	CJR	1
2-Chlorotoluene	< 25	ug/kg	7.2	23	1	6/28/2002	8260B	CJR	1
4-Chlorotoluene	< 25	ug/kg	5.8	18	1	6/28/2002	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	20	62	1	6/28/2002	8260B	CJR	1
Dibromochloromethane	< 25	ug/kg	4.3	14	1	6/28/2002	8260B	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	6.2	20	1	6/28/2002	8260B	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	6.4	20	1	6/28/2002	8260B	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	4.9	15	1	6/28/2002	8260B	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	22	69	1	6/28/2002	8260B	CJR	1
1,2-Dichloroethane	< 25	ug/kg	7.8	25	1	6/28/2002	8260B	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.2	26	1	6/28/2002	8260B	CJR	1
1,1-Dichloroethene	< 25	ug/kg	10	30	1	6/28/2002	8260B	CJR	2
cis-1,2-Dichloroethene	< 25	ug/kg	7.2	23	1	6/28/2002	8260B	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	6.3	20	1	6/28/2002	8260B	CJR	2
1,2-Dichloropropane	< 25	ug/kg	4.7	15	1	6/28/2002	8260B	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	36	1	6/28/2002	8260B	CJR	1

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Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5041135E						**Sample Type** Soil			
Sample ID SB-5 4-8						**Sample Date** 6/19/2002			
1,3-Dichloropropane	< 25	ug/kg	5.5	17	1	6/28/2002	8260B	CJR	1
Di-isopropyl ether	< 25	ug/kg	6.7	21	1	6/28/2002	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	5.3	17	1	6/28/2002	8260B	CJR	1
Ethylbenzene	2900	ug/kg	7.4	23	1	6/28/2002	8260B	CJR	1
Hexachlorobutadiene	< 25	ug/kg	17	54	1	6/28/2002	8260B	CJR	1
Isopropylbenzene	320	ug/kg	8	26	1	6/28/2002	8260B	CJR	1
p-Isopropyltoluene	94	ug/kg	6.8	22	1	6/28/2002	8260B	CJR	1
Methylene chloride	< 25	ug/kg	7.9	25	1	6/28/2002	8260B	CJR	2
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.4	27	1	6/28/2002	8260B	CJR	1
Naphthalene	1700	ug/kg	5.6	18	1	6/28/2002	8260B	CJR	1
n-Propylbenzene	1100	ug/kg	8.6	27	1	6/28/2002	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	5.2	17	1	6/28/2002	8260B	CJR	1
Tetrachloroethene	< 25	ug/kg	9.2	29	1	6/28/2002	8260B	CJR	1
Toluene	400	ug/kg	8.8	28	1	6/28/2002	8260B	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	8	25	1	6/28/2002	8260B	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	8.3	26	1	6/28/2002	8260B	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	10	31	1	6/28/2002	8260B	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	6.3	20	1	6/28/2002	8260B	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	10	31	1	6/28/2002	8260B	CJR	1
Trichlorofluoromethane	< 25	ug/kg	18	57	1	6/28/2002	8260B	CJR	1
1,2,4-Trimethylbenzene	5300	ug/kg	8.2	26	1	6/28/2002	8260B	CJR	1
1,3,5-Trimethylbenzene	1800	ug/kg	5.6	18	1	6/28/2002	8260B	CJR	1
Vinyl Chloride	< 25	ug/kg	10	33	1	6/28/2002	8260B	CJR	1
m&p-Xylene	8400	ug/kg	13	41	1	6/28/2002	8260B	CJR	1
o-Xylene	1900	ug/kg	4.2	13	1	6/28/2002	8260B	CJR	1
Lab Code 5041135F						**Sample Type** Soil			
Sample ID SB-6 8-12						**Sample Date** 6/19/2002			
Inorganic									
General									
Solids Percent	84.1	%			1	6/24/2002	5021	AJV	1
Organic									
General									

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Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5041135F						**Sample Type** Soil			
Sample ID SB-6 8-12						**Sample Date** 6/19/2002			
Diesel Range Organics	< 10	mg/kg	2.2	7.2	1	6/29/2002	DRO95	KAH	1
VOC's									
Benzene	280	ug/kg	8.2	26	1	6/28/2002	8260B	CJR	1
Bromobenzene	< 25	ug/kg	8.5	27	1	6/28/2002	8260B	CJR	1
Bromodichloromethane	< 25	ug/kg	7.2	23	1	6/28/2002	8260B	CJR	1
tert-Butylbenzene	< 25	ug/kg	6.5	21	1	6/28/2002	8260B	CJR	1
sec-Butylbenzene	83	ug/kg	7.4	24	1	6/28/2002	8260B	CJR	1
n-Butylbenzene	270	ug/kg	7.2	23	1	6/28/2002	8260B	CJR	1
Carbon Tetrachloride	< 25	ug/kg	10	31	1	6/28/2002	8260B	CJR	1
Chlorobenzene	< 25	ug/kg	7.7	24	1	6/28/2002	8260B	CJR	1
Chloroethane	< 25	ug/kg	9	29	1	6/28/2002	8260B	CJR	1
Chloroform	< 25	ug/kg	5.9	19	1	6/28/2002	8260B	CJR	1
Chloromethane	< 25	ug/kg	6.5	21	1	6/28/2002	8260B	CJR	1
2-Chlorotoluene	< 25	ug/kg	7.2	23	1	6/28/2002	8260B	CJR	1
4-Chlorotoluene	< 25	ug/kg	5.8	18	1	6/28/2002	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	20	62	1	6/28/2002	8260B	CJR	1
Dibromochloromethane	< 25	ug/kg	4.3	14	1	6/28/2002	8260B	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	6.2	20	1	6/28/2002	8260B	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	6.4	20	1	6/28/2002	8260B	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	4.9	15	1	6/28/2002	8260B	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	22	69	1	6/28/2002	8260B	CJR	1
1,2-Dichloroethane	< 25	ug/kg	7.8	25	1	6/28/2002	8260B	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.2	26	1	6/28/2002	8260B	CJR	1
1,1-Dichloroethene	< 25	ug/kg	10	30	1	6/28/2002	8260B	CJR	2
cis-1,2-Dichloroethene	< 25	ug/kg	7.2	23	1	6/28/2002	8260B	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	6.3	20	1	6/28/2002	8260B	CJR	2
1,2-Dichloropropane	< 25	ug/kg	4.7	15	1	6/28/2002	8260B	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	36	1	6/28/2002	8260B	CJR	1
1,3-Dichloropropane	< 25	ug/kg	5.5	17	1	6/28/2002	8260B	CJR	1
Di-isopropyl ether	< 25	ug/kg	6.7	21	1	6/28/2002	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	5.3	17	1	6/28/2002	8260B	CJR	1
Ethylbenzene	940	ug/kg	7.4	23	1	6/28/2002	8260B	CJR	1
Hexachlorobutadiene	< 25	ug/kg	17	54	1	6/28/2002	8260B	CJR	1
Isopropylbenzene	220	ug/kg	8	26	1	6/28/2002	8260B	CJR	1

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Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5041135F						**Sample Type** Soil			
Sample ID SB-6 8-12						**Sample Date** 6/19/2002			
p-Isopropyltoluene	93	ug/kg	6.8	22	1	6/28/2002	8260B	CJR	1
Methylene chloride	< 25	ug/kg	7.9	25	1	6/28/2002	8260B	CJR	2
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.4	27	1	6/28/2002	8260B	CJR	1
Naphthalene	1000	ug/kg	5.6	18	1	6/28/2002	8260B	CJR	1
n-Propylbenzene	690	ug/kg	8.6	27	1	6/28/2002	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	5.2	17	1	6/28/2002	8260B	CJR	1
Tetrachloroethene	< 25	ug/kg	9.2	29	1	6/28/2002	8260B	CJR	1
Toluene	100	ug/kg	8.8	28	1	6/28/2002	8260B	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	8	25	1	6/28/2002	8260B	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	8.3	26	1	6/28/2002	8260B	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	10	31	1	6/28/2002	8260B	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	6.3	20	1	6/28/2002	8260B	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	10	31	1	6/28/2002	8260B	CJR	1
Trichlorofluoromethane	< 25	ug/kg	18	57	1	6/28/2002	8260B	CJR	1
1,2,4-Trimethylbenzene	320	ug/kg	8.2	26	1	6/28/2002	8260B	CJR	1
1,3,5-Trimethylbenzene	380	ug/kg	5.6	18	1	6/28/2002	8260B	CJR	1
Vinyl Chloride	< 25	ug/kg	10	33	1	6/28/2002	8260B	CJR	1
m&p-Xylene	660	ug/kg	13	41	1	6/28/2002	8260B	CJR	1
o-Xylene	140	ug/kg	4.2	13	1	6/28/2002	8260B	CJR	1
Lab Code 5041135G						**Sample Type** Soil			
Sample ID SB-7 0-4						**Sample Date** 6/19/2002			
Inorganic									
General									
Solids Percent	82.2	%			1	6/24/2002	5021	AJV	1
Organic									
General									
Diesel Range Organics	540	mg/kg	2.2	7.2	1	6/29/2002	DRO95	KAH	1 44
VOC's									
Benzene	< 25	ug/kg	8.2	26	1	6/28/2002	8260B	CJR	1
Bromobenzene	< 25	ug/kg	8.5	27	1	6/28/2002	8260B	CJR	1
Bromodichloromethane	< 25	ug/kg	7.2	23	1	6/28/2002	8260B	CJR	1
tert-Butylbenzene	< 25	ug/kg	6.5	21	1	6/28/2002	8260B	CJR	1

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Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5041135G						**Sample Type** Soil			
Sample ID SB-7 0-4						**Sample Date** 6/19/2002			
sec-Butylbenzene	< 25	ug/kg	7.4	24	1	6/28/2002	8260B	CJR	1
n-Butylbenzene	35	ug/kg	7.2	23	1	6/28/2002	8260B	CJR	1
Carbon Tetrachloride	< 25	ug/kg	10	31	1	6/28/2002	8260B	CJR	1
Chlorobenzene	< 25	ug/kg	7.7	24	1	6/28/2002	8260B	CJR	1
Chloroethane	< 25	ug/kg	9	29	1	6/28/2002	8260B	CJR	1
Chloroform	< 25	ug/kg	5.9	19	1	6/28/2002	8260B	CJR	1
Chloromethane	< 25	ug/kg	6.5	21	1	6/28/2002	8260B	CJR	1
2-Chlorotoluene	< 25	ug/kg	7.2	23	1	6/28/2002	8260B	CJR	1
4-Chlorotoluene	< 25	ug/kg	5.8	18	1	6/28/2002	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	20	62	1	6/28/2002	8260B	CJR	1
Dibromochloromethane	< 25	ug/kg	4.3	14	1	6/28/2002	8260B	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	6.2	20	1	6/28/2002	8260B	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	6.4	20	1	6/28/2002	8260B	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	4.9	15	1	6/28/2002	8260B	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	22	69	1	6/28/2002	8260B	CJR	1
1,2-Dichloroethane	< 25	ug/kg	7.8	25	1	6/28/2002	8260B	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.2	26	1	6/28/2002	8260B	CJR	1
1,1-Dichloroethene	< 25	ug/kg	10	30	1	6/28/2002	8260B	CJR	2
cis-1,2-Dichloroethene	< 25	ug/kg	7.2	23	1	6/28/2002	8260B	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	6.3	20	1	6/28/2002	8260B	CJR	2
1,2-Dichloropropane	< 25	ug/kg	4.7	15	1	6/28/2002	8260B	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	36	1	6/28/2002	8260B	CJR	1
1,3-Dichloropropane	< 25	ug/kg	5.5	17	1	6/28/2002	8260B	CJR	1
Di-isopropyl ether	< 25	ug/kg	6.7	21	1	6/28/2002	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	5.3	17	1	6/28/2002	8260B	CJR	1
Ethylbenzene	34	ug/kg	7.4	23	1	6/28/2002	8260B	CJR	1
Hexachlorobutadiene	< 25	ug/kg	17	54	1	6/28/2002	8260B	CJR	1
Isopropylbenzene	< 25	ug/kg	8	26	1	6/28/2002	8260B	CJR	1
p-Isopropyltoluene	< 25	ug/kg	6.8	22	1	6/28/2002	8260B	CJR	1
Methylene chloride	< 25	ug/kg	7.9	25	1	6/28/2002	8260B	CJR	2
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.4	27	1	6/28/2002	8260B	CJR	1
Naphthalene	190	ug/kg	5.6	18	1	6/28/2002	8260B	CJR	1
n-Propylbenzene	29	ug/kg	8.6	27	1	6/28/2002	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	5.2	17	1	6/28/2002	8260B	CJR	1

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Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5041135G						**Sample Type** Soil			
Sample ID SB-7 0-4						**Sample Date** 6/19/2002			
Tetrachloroethene	< 25	ug/kg	9.2	29	1	6/28/2002	8260B	CJR	1
Toluene	34	ug/kg	8.8	28	1	6/28/2002	8260B	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	8	25	1	6/28/2002	8260B	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	8.3	26	1	6/28/2002	8260B	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	10	31	1	6/28/2002	8260B	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	6.3	20	1	6/28/2002	8260B	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	10	31	1	6/28/2002	8260B	CJR	1
Trichlorofluoromethane	< 25	ug/kg	18	57	1	6/28/2002	8260B	CJR	1
1,2,4-Trimethylbenzene	79	ug/kg	8.2	26	1	6/28/2002	8260B	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	5.6	18	1	6/28/2002	8260B	CJR	1
Vinyl Chloride	< 25	ug/kg	10	33	1	6/28/2002	8260B	CJR	1
m&p-Xylene	68	ug/kg	13	41	1	6/28/2002	8260B	CJR	1
o-Xylene	40	ug/kg	4.2	13	1	6/28/2002	8260B	CJR	1
Lab Code 5041135H						**Sample Type** Soil			
Sample ID SB-8 4-8						**Sample Date** 6/19/2002			
Inorganic									
General									
Solids Percent	76.4	%			1	6/24/2002	5021	AJV	1
Organic									
General									
Diesel Range Organics	350	mg/kg	2.2	7.2	1	6/29/2002	DRO95	KAH	1 45
VOC's									
Benzene	5700	ug/kg	82	260	10	7/1/2002	8260B	CJR	1
Bromobenzene	< 250	ug/kg	85	270	10	7/1/2002	8260B	CJR	1
Bromodichloromethane	< 250	ug/kg	72	230	10	7/1/2002	8260B	CJR	1
tert-Butylbenzene	< 250	ug/kg	65	210	10	7/1/2002	8260B	CJR	1
sec-Butylbenzene	2000	ug/kg	74	240	10	7/1/2002	8260B	CJR	1
n-Butylbenzene	7600	ug/kg	72	230	10	7/1/2002	8260B	CJR	1
Carbon Tetrachloride	< 250	ug/kg	100	310	10	7/1/2002	8260B	CJR	1
Chlorobenzene	< 250	ug/kg	77	240	10	7/1/2002	8260B	CJR	1
Chloroethane	< 250	ug/kg	90	290	10	7/1/2002	8260B	CJR	1
Chloroform	< 250	ug/kg	59	190	10	7/1/2002	8260B	CJR	1

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Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5041135H						**Sample Type** Soil			
Sample ID SB-8 4-8						**Sample Date** 6/19/2002			
Chloromethane	< 250	ug/kg	65	210	10	7/1/2002	8260B	CJR	1
2-Chlorotoluene	< 250	ug/kg	72	230	10	7/1/2002	8260B	CJR	1
4-Chlorotoluene	< 250	ug/kg	58	180	10	7/1/2002	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 250	ug/kg	200	620	10	7/1/2002	8260B	CJR	1
Dibromochloromethane	< 250	ug/kg	43	140	10	7/1/2002	8260B	CJR	1
1,4-Dichlorobenzene	< 250	ug/kg	62	200	10	7/1/2002	8260B	CJR	1
1,3-Dichlorobenzene	< 250	ug/kg	64	200	10	7/1/2002	8260B	CJR	1
1,2-Dichlorobenzene	< 250	ug/kg	49	150	10	7/1/2002	8260B	CJR	1
Dichlorodifluoromethane	< 250	ug/kg	220	690	10	7/1/2002	8260B	CJR	1
1,2-Dichloroethane	< 250	ug/kg	78	250	10	7/1/2002	8260B	CJR	1
1,1-Dichloroethane	< 250	ug/kg	82	260	10	7/1/2002	8260B	CJR	1
1,1-Dichloroethene	< 250	ug/kg	100	300	10	7/1/2002	8260B	CJR	1
cis-1,2-Dichloroethene	< 250	ug/kg	72	230	10	7/1/2002	8260B	CJR	1
trans-1,2-Dichloroethene	< 250	ug/kg	63	200	10	7/1/2002	8260B	CJR	1
1,2-Dichloropropane	< 250	ug/kg	47	150	10	7/1/2002	8260B	CJR	1
2,2-Dichloropropane	< 250	ug/kg	110	360	10	7/1/2002	8260B	CJR	1
1,3-Dichloropropane	< 250	ug/kg	55	170	10	7/1/2002	8260B	CJR	1
Di-isopropyl ether	< 250	ug/kg	67	210	10	7/1/2002	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 250	ug/kg	53	170	10	7/1/2002	8260B	CJR	1
Ethylbenzene	44000	ug/kg	74	230	10	7/1/2002	8260B	CJR	1
Hexachlorobutadiene	< 250	ug/kg	170	540	10	7/1/2002	8260B	CJR	1
Isopropylbenzene	4400	ug/kg	80	260	10	7/1/2002	8260B	CJR	1
p-Isopropyltoluene	4600	ug/kg	68	220	10	7/1/2002	8260B	CJR	1
Methylene chloride	< 250	ug/kg	79	250	10	7/1/2002	8260B	CJR	1
Methyl tert-butyl ether (MTBE)	< 250	ug/kg	84	270	10	7/1/2002	8260B	CJR	1
Naphthalene	27000	ug/kg	56	180	10	7/1/2002	8260B	CJR	1
n-Propylbenzene	13000	ug/kg	86	270	10	7/1/2002	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 250	ug/kg	52	170	10	7/1/2002	8260B	CJR	1
Tetrachloroethene	< 250	ug/kg	92	290	10	7/1/2002	8260B	CJR	1
Toluene	32000	ug/kg	88	280	10	7/1/2002	8260B	CJR	1
1,2,4-Trichlorobenzene	< 250	ug/kg	80	250	10	7/1/2002	8260B	CJR	1
1,2,3-Trichlorobenzene	< 250	ug/kg	83	260	10	7/1/2002	8260B	CJR	1
1,1,1-Trichloroethane	< 250	ug/kg	100	310	10	7/1/2002	8260B	CJR	1
1,1,2-Trichloroethane	< 250	ug/kg	63	200	10	7/1/2002	8260B	CJR	1

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Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5041135H						**Sample Type** Soil			
Sample ID SB-8 4-8						**Sample Date** 6/19/2002			
Trichloroethene (TCE)	< 250	ug/kg	100	310	10	7/1/2002	8260B	CJR	1
Trichlorofluoromethane	< 250	ug/kg	180	570	10	7/1/2002	8260B	CJR	1
1,2,4-Trimethylbenzene	61000	ug/kg	82	260	10	7/1/2002	8260B	CJR	1
1,3,5-Trimethylbenzene	21000	ug/kg	56	180	10	7/1/2002	8260B	CJR	1
Vinyl Chloride	< 250	ug/kg	100	330	10	7/1/2002	8260B	CJR	1
m&p-Xylene	110000	ug/kg	130	410	10	7/1/2002	8260B	CJR	1
o-Xylene	38000	ug/kg	42	130	10	7/1/2002	8260B	CJR	1
Lab Code 5041135I						**Sample Type** Soil			
Sample ID SB-9 4-8						**Sample Date** 6/19/2002			
Inorganic									
General									
Solids Percent	81.9	%			1	6/24/2002	5021	AJV	1
Organic									
General									
Diesel Range Organics	< 10	mg/kg	2.2	7.2	1	6/29/2002	DRO95	KAH	1
VOC's									
Benzene	< 25	ug/kg	8.2	26	1	7/1/2002	8260B	CJR	1
Bromobenzene	< 25	ug/kg	8.5	27	1	7/1/2002	8260B	CJR	1
Bromodichloromethane	< 25	ug/kg	7.2	23	1	7/1/2002	8260B	CJR	1
tert-Butylbenzene	< 25	ug/kg	6.5	21	1	7/1/2002	8260B	CJR	1
sec-Butylbenzene	< 25	ug/kg	7.4	24	1	7/1/2002	8260B	CJR	1
n-Butylbenzene	< 25	ug/kg	7.2	23	1	7/1/2002	8260B	CJR	1
Carbon Tetrachloride	< 25	ug/kg	10	31	1	7/1/2002	8260B	CJR	1
Chlorobenzene	< 25	ug/kg	7.7	24	1	7/1/2002	8260B	CJR	1
Chloroethane	< 25	ug/kg	9	29	1	7/1/2002	8260B	CJR	1
Chloroform	< 25	ug/kg	5.9	19	1	7/1/2002	8260B	CJR	1
Chloromethane	< 25	ug/kg	6.5	21	1	7/1/2002	8260B	CJR	1
2-Chlorotoluene	< 25	ug/kg	7.2	23	1	7/1/2002	8260B	CJR	1
4-Chlorotoluene	< 25	ug/kg	5.8	18	1	7/1/2002	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	20	62	1	7/1/2002	8260B	CJR	1
Dibromochloromethane	< 25	ug/kg	4.3	14	1	7/1/2002	8260B	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	6.2	20	1	7/1/2002	8260B	CJR	1

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Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5041135I						**Sample Type** Soil			
Sample ID SB-9 4-8						**Sample Date** 6/19/2002			
1,3-Dichlorobenzene	< 25	ug/kg	6.4	20	1	7/1/2002	8260B	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	4.9	15	1	7/1/2002	8260B	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	22	69	1	7/1/2002	8260B	CJR	1
1,2-Dichloroethane	< 25	ug/kg	7.8	25	1	7/1/2002	8260B	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.2	26	1	7/1/2002	8260B	CJR	1
1,1-Dichloroethene	< 25	ug/kg	10	30	1	7/1/2002	8260B	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	7.2	23	1	7/1/2002	8260B	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	6.3	20	1	7/1/2002	8260B	CJR	1
1,2-Dichloropropane	< 25	ug/kg	4.7	15	1	7/1/2002	8260B	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	36	1	7/1/2002	8260B	CJR	1
1,3-Dichloropropane	< 25	ug/kg	5.5	17	1	7/1/2002	8260B	CJR	1
Di-isopropyl ether	< 25	ug/kg	6.7	21	1	7/1/2002	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	5.3	17	1	7/1/2002	8260B	CJR	1
Ethylbenzene	< 25	ug/kg	7.4	23	1	7/1/2002	8260B	CJR	1
Hexachlorobutadiene	< 25	ug/kg	17	54	1	7/1/2002	8260B	CJR	1
Isopropylbenzene	< 25	ug/kg	8	26	1	7/1/2002	8260B	CJR	1
p-Isopropyltoluene	< 25	ug/kg	6.8	22	1	7/1/2002	8260B	CJR	1
Methylene chloride	< 25	ug/kg	7.9	25	1	7/1/2002	8260B	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.4	27	1	7/1/2002	8260B	CJR	1
Naphthalene	< 25	ug/kg	5.6	18	1	7/1/2002	8260B	CJR	1
n-Propylbenzene	< 25	ug/kg	8.6	27	1	7/1/2002	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	5.2	17	1	7/1/2002	8260B	CJR	1
Tetrachloroethene	< 25	ug/kg	9.2	29	1	7/1/2002	8260B	CJR	1
Toluene	< 25	ug/kg	8.8	28	1	7/1/2002	8260B	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	8	25	1	7/1/2002	8260B	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	8.3	26	1	7/1/2002	8260B	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	10	31	1	7/1/2002	8260B	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	6.3	20	1	7/1/2002	8260B	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	10	31	1	7/1/2002	8260B	CJR	1
Trichlorofluoromethane	< 25	ug/kg	18	57	1	7/1/2002	8260B	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	8.2	26	1	7/1/2002	8260B	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	5.6	18	1	7/1/2002	8260B	CJR	1
Vinyl Chloride	< 25	ug/kg	10	33	1	7/1/2002	8260B	CJR	1
m&p-Xylene	< 50	ug/kg	13	41	1	7/1/2002	8260B	CJR	1

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Lab Code 5041135I						**Sample Type** Soil			
Sample ID SB-9 4-8						**Sample Date** 6/19/2002			
o-Xylene	< 25	ug/kg	4.2	13	1	7/1/2002	8260B	CJR	1
Lab Code 5041135J						**Sample Type** Soil			
Sample ID SB-10 4-8						**Sample Date** 6/19/2002			
Inorganic									
General									
Solids Percent	80.0	%			1	6/24/2002	5021	AJV	1
Organic									
General									
Diesel Range Organics	< 10	mg/kg	2.2	7.2	1	6/29/2002	DRO95	KAH	1
VOC's									
Benzene	< 25	ug/kg	8.2	26	1	7/1/2002	8260B	CJR	1
Bromobenzene	< 25	ug/kg	8.5	27	1	7/1/2002	8260B	CJR	1
Bromodichloromethane	< 25	ug/kg	7.2	23	1	7/1/2002	8260B	CJR	1
tert-Butylbenzene	< 25	ug/kg	6.5	21	1	7/1/2002	8260B	CJR	1
sec-Butylbenzene	< 25	ug/kg	7.4	24	1	7/1/2002	8260B	CJR	1
n-Butylbenzene	< 25	ug/kg	7.2	23	1	7/1/2002	8260B	CJR	1
Carbon Tetrachloride	< 25	ug/kg	10	31	1	7/1/2002	8260B	CJR	1
Chlorobenzene	< 25	ug/kg	7.7	24	1	7/1/2002	8260B	CJR	1
Chloroethane	< 25	ug/kg	9	29	1	7/1/2002	8260B	CJR	1
Chloroform	< 25	ug/kg	5.9	19	1	7/1/2002	8260B	CJR	1
Chloromethane	< 25	ug/kg	6.5	21	1	7/1/2002	8260B	CJR	1
2-Chlorotoluene	< 25	ug/kg	7.2	23	1	7/1/2002	8260B	CJR	1
4-Chlorotoluene	< 25	ug/kg	5.8	18	1	7/1/2002	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	20	62	1	7/1/2002	8260B	CJR	1
Dibromochloromethane	< 25	ug/kg	4.3	14	1	7/1/2002	8260B	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	6.2	20	1	7/1/2002	8260B	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	6.4	20	1	7/1/2002	8260B	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	4.9	15	1	7/1/2002	8260B	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	22	69	1	7/1/2002	8260B	CJR	1
1,2-Dichloroethane	< 25	ug/kg	7.8	25	1	7/1/2002	8260B	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.2	26	1	7/1/2002	8260B	CJR	1
1,1-Dichloroethene	< 25	ug/kg	10	30	1	7/1/2002	8260B	CJR	1

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Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5041135J						**Sample Type** Soil			
Sample ID SB-10 4-8						**Sample Date** 6/19/2002			
cis-1,2-Dichloroethene	< 25	ug/kg	7.2	23	1	7/1/2002	8260B	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	6.3	20	1	7/1/2002	8260B	CJR	1
1,2-Dichloropropane	< 25	ug/kg	4.7	15	1	7/1/2002	8260B	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	36	1	7/1/2002	8260B	CJR	1
1,3-Dichloropropane	< 25	ug/kg	5.5	17	1	7/1/2002	8260B	CJR	1
Di-isopropyl ether	< 25	ug/kg	6.7	21	1	7/1/2002	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	5.3	17	1	7/1/2002	8260B	CJR	1
Ethylbenzene	< 25	ug/kg	7.4	23	1	7/1/2002	8260B	CJR	1
Hexachlorobutadiene	< 25	ug/kg	17	54	1	7/1/2002	8260B	CJR	1
Isopropylbenzene	< 25	ug/kg	8	26	1	7/1/2002	8260B	CJR	1
p-Isopropyltoluene	< 25	ug/kg	6.8	22	1	7/1/2002	8260B	CJR	1
Methylene chloride	< 25	ug/kg	7.9	25	1	7/1/2002	8260B	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.4	27	1	7/1/2002	8260B	CJR	1
Naphthalene	< 25	ug/kg	5.6	18	1	7/1/2002	8260B	CJR	1
n-Propylbenzene	< 25	ug/kg	8.6	27	1	7/1/2002	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	5.2	17	1	7/1/2002	8260B	CJR	1
Tetrachloroethene	< 25	ug/kg	9.2	29	1	7/1/2002	8260B	CJR	1
Toluene	< 25	ug/kg	8.8	28	1	7/1/2002	8260B	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	8	25	1	7/1/2002	8260B	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	8.3	26	1	7/1/2002	8260B	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	10	31	1	7/1/2002	8260B	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	6.3	20	1	7/1/2002	8260B	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	10	31	1	7/1/2002	8260B	CJR	1
Trichlorofluoromethane	< 25	ug/kg	18	57	1	7/1/2002	8260B	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	8.2	26	1	7/1/2002	8260B	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	5.6	18	1	7/1/2002	8260B	CJR	1
Vinyl Chloride	< 25	ug/kg	10	33	1	7/1/2002	8260B	CJR	1
m&p-Xylene	< 50	ug/kg	13	41	1	7/1/2002	8260B	CJR	1
o-Xylene	< 25	ug/kg	4.2	13	1	7/1/2002	8260B	CJR	1

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Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5041135K						**Sample Type** Soil			
Sample ID SB-11 8-12						**Sample Date** 6/19/2002			
Inorganic									
General									
Solids Percent	78.1	%			1	6/24/2002	5021	AJV	1
Organic									
General									
Diesel Range Organics	< 10	mg/kg	2.2	7.2	1	6/28/2002	DRO95	KAH	1
VOC's									
Benzene	< 25	ug/kg	8.2	26	1	7/1/2002	8260B	CJR	1
Bromobenzene	< 25	ug/kg	8.5	27	1	7/1/2002	8260B	CJR	1
Bromodichloromethane	< 25	ug/kg	7.2	23	1	7/1/2002	8260B	CJR	1
tert-Butylbenzene	< 25	ug/kg	6.5	21	1	7/1/2002	8260B	CJR	1
sec-Butylbenzene	< 25	ug/kg	7.4	24	1	7/1/2002	8260B	CJR	1
n-Butylbenzene	< 25	ug/kg	7.2	23	1	7/1/2002	8260B	CJR	1
Carbon Tetrachloride	< 25	ug/kg	10	31	1	7/1/2002	8260B	CJR	1
Chlorobenzene	< 25	ug/kg	7.7	24	1	7/1/2002	8260B	CJR	1
Chloroethane	< 25	ug/kg	9	29	1	7/1/2002	8260B	CJR	1
Chloroform	< 25	ug/kg	5.9	19	1	7/1/2002	8260B	CJR	1
Chloromethane	< 25	ug/kg	6.5	21	1	7/1/2002	8260B	CJR	1
2-Chlorotoluene	< 25	ug/kg	7.2	23	1	7/1/2002	8260B	CJR	1
4-Chlorotoluene	< 25	ug/kg	5.8	18	1	7/1/2002	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	20	62	1	7/1/2002	8260B	CJR	1
Dibromochloromethane	< 25	ug/kg	4.3	14	1	7/1/2002	8260B	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	6.2	20	1	7/1/2002	8260B	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	6.4	20	1	7/1/2002	8260B	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	4.9	15	1	7/1/2002	8260B	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	22	69	1	7/1/2002	8260B	CJR	1
1,2-Dichloroethane	< 25	ug/kg	7.8	25	1	7/1/2002	8260B	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.2	26	1	7/1/2002	8260B	CJR	1
1,1-Dichloroethene	< 25	ug/kg	10	30	1	7/1/2002	8260B	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	7.2	23	1	7/1/2002	8260B	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	6.3	20	1	7/1/2002	8260B	CJR	1
1,2-Dichloropropane	< 25	ug/kg	4.7	15	1	7/1/2002	8260B	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	36	1	7/1/2002	8260B	CJR	1

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Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5041135K						**Sample Type** Soil			
Sample ID SB-11 8-12						**Sample Date** 6/19/2002			
1,3-Dichloropropane	< 25	ug/kg	5.5	17	1	7/1/2002	8260B	CJR	1
Di-isopropyl ether	< 25	ug/kg	6.7	21	1	7/1/2002	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	5.3	17	1	7/1/2002	8260B	CJR	1
Ethylbenzene	< 25	ug/kg	7.4	23	1	7/1/2002	8260B	CJR	1
Hexachlorobutadiene	< 25	ug/kg	17	54	1	7/1/2002	8260B	CJR	1
Isopropylbenzene	< 25	ug/kg	8	26	1	7/1/2002	8260B	CJR	1
p-Isopropyltoluene	< 25	ug/kg	6.8	22	1	7/1/2002	8260B	CJR	1
Methylene chloride	< 25	ug/kg	7.9	25	1	7/1/2002	8260B	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.4	27	1	7/1/2002	8260B	CJR	1
Naphthalene	< 25	ug/kg	5.6	18	1	7/1/2002	8260B	CJR	1
n-Propylbenzene	< 25	ug/kg	8.6	27	1	7/1/2002	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	5.2	17	1	7/1/2002	8260B	CJR	1
Tetrachloroethene	< 25	ug/kg	9.2	29	1	7/1/2002	8260B	CJR	1
Toluene	< 25	ug/kg	8.8	28	1	7/1/2002	8260B	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	8	25	1	7/1/2002	8260B	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	8.3	26	1	7/1/2002	8260B	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	10	31	1	7/1/2002	8260B	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	6.3	20	1	7/1/2002	8260B	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	10	31	1	7/1/2002	8260B	CJR	1
Trichlorofluoromethane	< 25	ug/kg	18	57	1	7/1/2002	8260B	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	8.2	26	1	7/1/2002	8260B	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	5.6	18	1	7/1/2002	8260B	CJR	1
Vinyl Chloride	< 25	ug/kg	10	33	1	7/1/2002	8260B	CJR	1
m&p-Xylene	< 50	ug/kg	13	41	1	7/1/2002	8260B	CJR	1
o-Xylene	< 25	ug/kg	4.2	13	1	7/1/2002	8260B	CJR	1
Lab Code 5041135L						**Sample Type** Soil			
Sample ID SB-12 0-4						**Sample Date** 6/19/2002			
Inorganic									
General									
Solids Percent	82.4	%			1	6/24/2002	5021	AJV	1
Organic									
General									

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Project # NONE
Project Name WEST ALLIS PROPERTY NO.
Invoice # E41135

Report Date *05-Jul-02*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5041135L						**Sample Type** Soil			
Sample ID SB-12 0-4						**Sample Date** 6/19/2002			
Diesel Range Organics	< 10	mg/kg	2.2	7.2	1	6/28/2002	DRO95	KAH	1
VOC's									
Benzene	< 25	ug/kg	8.2	26	1	7/1/2002	8260B	CJR	1
Bromobenzene	< 25	ug/kg	8.5	27	1	7/1/2002	8260B	CJR	1
Bromodichloromethane	< 25	ug/kg	7.2	23	1	7/1/2002	8260B	CJR	1
tert-Butylbenzene	< 25	ug/kg	6.5	21	1	7/1/2002	8260B	CJR	1
sec-Butylbenzene	< 25	ug/kg	7.4	24	1	7/1/2002	8260B	CJR	1
n-Butylbenzene	< 25	ug/kg	7.2	23	1	7/1/2002	8260B	CJR	1
Carbon Tetrachloride	< 25	ug/kg	10	31	1	7/1/2002	8260B	CJR	1
Chlorobenzene	< 25	ug/kg	7.7	24	1	7/1/2002	8260B	CJR	1
Chloroethane	< 25	ug/kg	9	29	1	7/1/2002	8260B	CJR	1
Chloroform	< 25	ug/kg	5.9	19	1	7/1/2002	8260B	CJR	1
Chloromethane	< 25	ug/kg	6.5	21	1	7/1/2002	8260B	CJR	1
2-Chlorotoluene	< 25	ug/kg	7.2	23	1	7/1/2002	8260B	CJR	1
4-Chlorotoluene	< 25	ug/kg	5.8	18	1	7/1/2002	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	20	62	1	7/1/2002	8260B	CJR	1
Dibromochloromethane	< 25	ug/kg	4.3	14	1	7/1/2002	8260B	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	6.2	20	1	7/1/2002	8260B	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	6.4	20	1	7/1/2002	8260B	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	4.9	15	1	7/1/2002	8260B	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	22	69	1	7/1/2002	8260B	CJR	1
1,2-Dichloroethane	< 25	ug/kg	7.8	25	1	7/1/2002	8260B	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.2	26	1	7/1/2002	8260B	CJR	1
1,1-Dichloroethene	< 25	ug/kg	10	30	1	7/1/2002	8260B	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	7.2	23	1	7/1/2002	8260B	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	6.3	20	1	7/1/2002	8260B	CJR	1
1,2-Dichloropropane	< 25	ug/kg	4.7	15	1	7/1/2002	8260B	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	36	1	7/1/2002	8260B	CJR	1
1,3-Dichloropropane	< 25	ug/kg	5.5	17	1	7/1/2002	8260B	CJR	1
Di-isopropyl ether	< 25	ug/kg	6.7	21	1	7/1/2002	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	5.3	17	1	7/1/2002	8260B	CJR	1
Ethylbenzene	< 25	ug/kg	7.4	23	1	7/1/2002	8260B	CJR	1
Hexachlorobutadiene	< 25	ug/kg	17	54	1	7/1/2002	8260B	CJR	1
Isopropylbenzene	< 25	ug/kg	8	26	1	7/1/2002	8260B	CJR	1

U.S. Analytical Lab

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Project # NONE
Project Name WEST ALLIS PROPERTY NO.
Invoice # E41135

Report Date *05-Jul-02*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5041135L						**Sample Type** Soil			
Sample ID SB-12 0-4						**Sample Date** 6/19/2002			
p-Isopropyltoluene	< 25	ug/kg	6.8	22	1	7/1/2002	8260B	CJR	1
Methylene chloride	< 25	ug/kg	7.9	25	1	7/1/2002	8260B	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.4	27	1	7/1/2002	8260B	CJR	1
Naphthalene	< 25	ug/kg	5.6	18	1	7/1/2002	8260B	CJR	1
n-Propylbenzene	< 25	ug/kg	8.6	27	1	7/1/2002	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	5.2	17	1	7/1/2002	8260B	CJR	1
Tetrachloroethene	< 25	ug/kg	9.2	29	1	7/1/2002	8260B	CJR	1
Toluene	< 25	ug/kg	8.8	28	1	7/1/2002	8260B	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	8	25	1	7/1/2002	8260B	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	8.3	26	1	7/1/2002	8260B	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	10	31	1	7/1/2002	8260B	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	6.3	20	1	7/1/2002	8260B	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	10	31	1	7/1/2002	8260B	CJR	1
Trichlorofluoromethane	< 25	ug/kg	18	57	1	7/1/2002	8260B	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	8.2	26	1	7/1/2002	8260B	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	5.6	18	1	7/1/2002	8260B	CJR	1
Vinyl Chloride	< 25	ug/kg	10	33	1	7/1/2002	8260B	CJR	1
m&p-Xylene	< 50	ug/kg	13	41	1	7/1/2002	8260B	CJR	1
o-Xylene	< 25	ug/kg	4.2	13	1	7/1/2002	8260B	CJR	1

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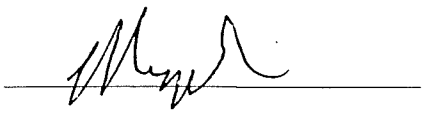
Project # NONE
Project Name WEST ALLIS PROPERTY NO.
Invoice # E41135

Report Date *05-Jul-02*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code

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

Code	*Comment*
1	All laboratory QC requirements were met for this sample.
2	The duplicate RPD failed to meet acceptable QC limits.
3	The spike recovery failed to meet acceptable QC limits.
4	The check standard failed to meet acceptable QC limits.
7	The LCS spike recovery failed to meet acceptable QC limits.
43	Chromatogram indicates possible gasoline contamination.
44	Chromatogram indicates possible lube oil contamination.
45	Chromatogram indicates possible gasoline and lube oil contamination.

Authorized Signature 

CHAIN OF CUSTODY RECORD

Analytical Lab
1090 Kennedy Ave. • Kimberly, WI 54136
(920) 735-8295 • FAX 920-739-1738 • 800-490-4902
LAB@USOIL.COM

Rev. Date: 12-17-98

Chain # 32018

Page 1 of 2

Lab I.D. # 5041135

Account No. : Quote No.: 7273

Project #:

Sampler: (signature) J. Horlen

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

Project (Name / Location): WEST ALLIS PROPERTY NO. 705

Reports To: J.L. HOSLER Invoice To: SAME

Company TEMCO Company

Address P.O. BOX 856 Address

City State Zip CEDARBURG 53012 City State Zip

Phone 262-675-6000 Phone

Sample Handling Request
___ Rush Analysis Date Required ___
✓ Normal Turn Around

Analysis Requested

Lab I.D.	Sample I.D.	Collection Date	Collection Time	No. of Containers Size and Type	Description*	Preservation	DRO (Mod/TPH)	GRO (Mod/TPH)	PVOC (EPA 8021)	BTEX (EPA 8021)	VOC (EPA 8021)	VOC (EPA 8260)	VOC DW (EPA 524.2)	O&G (EPA 413.1)	PAH (EPA 8310)	Pb	Flash Point	Other Analysis: PCB				PID/ FID
A	SB-1 4-8	6-19		2GV 2G 202 IP	S	NONE	✓					✓			✓			✓				
B	SB-2 4-8			2GV IP			✓					✓										
C	SB-3 8-12						✓					✓										
D	SB-4 8-12						✓					✓										
E	SB-5 4-8						✓					✓										
F	SB-6 8-12						✓					✓										
G	SB-7 0-4						✓					✓										
H	SB-8 4-8						✓					✓										
I	SB-9 4-8						✓					✓										

Department Use Only
Split Samples: Offered ? ___ Yes ___ No
Accepted? ___ Yes ___ No
Accepted By: _____

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

J. Horlen 6-20-02

Department Use Optional for Soil Samples
Disposition of unused portion of sample
Lab Should:
___ Dispose ___ Retain for ___ days
___ Return ___ Other

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
J. Mulle	10:25	6/20/02	Geo Hasse	10:25	6-2002
Geo Hasse	4:50	6-20-02			

Received in Laboratory By: Geri Lemire Time: 1650 Date: 6/20/02

CHAIN OF CUSTODY RECORD

Analytical Lab
1090 Kennedy Ave. • Kimberly, WI 54136
(920) 735-8295 • FAX 920-739-1738 • 800-490-4902
LAB@USOIL.COM

Rev. Date: 12-17-98

Chain # 32117
Page 2 of 2

Lab I.D. # 5041135
Account No. : Quote No.:
Project #:
Sampler: (signature)

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

Project (Name / Location): WEST ALLIS PROPERTY NO. 705

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

Sample Handling Request
___ Rush Analysis Date Required ____
___ Normal Turn Around

Analysis Requested

Lab I.D.	Sample I.D.	Collection Date	Collection Time	No. of Containers Size and Type	Description*	Preservation	DRO (Mod/TPH)	GRO (Mod/TPH)	PVOC (EPA 8021)	BTEX (EPA 8021)	VOC (EPA 8021)	VOC (EPA 8260)	VOC DW (EPA 524.2)	O&G (EPA 413.1)	PAH (EPA 8310)	Pb	Flash Point	Other Analysis				PID/ FID
J	SB-104-8	6-19		2GV 1P	S	HCl/4	V					V										
K	SB-118-12	6-19		2GV 1P	S	HCl/4	V					V										
L	SB-1204	6/19					✓					✓										

SB-1204 Norton COC - Add and Run for DRO/VOC per JH. CM 6/21/02

Department Use Only
Split Samples: Offered ? ____ Yes ____ No
Accepted? ____ Yes ____ No
Accepted By: _____

Department Use Optional for Soil Samples
Disposition of unused portion of sample
Lab Should:
____ Dispose ____ Retain for ___ days
____ Return ____ Other

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

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
[signature]	10:25	6/20/02	Deo Huss	10:25	6-20-02
Deo Huss	5:50	6-20-02			

Received in Laboratory By: Terri Lemire Time: 1650 Date: 6-20-02

U.S. Analytical Lab

J L HOSLER
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PO BOX 856
CEDARBURG WI 53012

Project # NONE
Project Name CITY OF WEST ALLIS PROP
Invoice # E41208 #705

Report Date *17-Jul-02*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5041208A						**Sample Type** Soil			
Sample ID SB-13 4-8						**Sample Date** 6/20/2002			
Inorganic									
General									
Solids Percent	79.4	%			1	6/25/2002	5021	AJV	1
Organic									
General									
Diesel Range Organics	< 10	mg/kg	2.2	7.2	1	6/29/2002	DRO95	KAH	1
VOC's									
Benzene	180	ug/kg	8.2	26	1	6/27/2002	8260B	CJR	1
Bromobenzene	< 25	ug/kg	8.5	27	1	6/27/2002	8260B	CJR	1
Bromodichloromethane	< 25	ug/kg	7.2	23	1	6/27/2002	8260B	CJR	1
tert-Butylbenzene	< 25	ug/kg	6.5	21	1	6/27/2002	8260B	CJR	1
sec-Butylbenzene	80	ug/kg	7.4	24	1	6/27/2002	8260B	CJR	1
n-Butylbenzene	250	ug/kg	7.2	23	1	6/27/2002	8260B	CJR	1
Carbon Tetrachloride	< 25	ug/kg	10	31	1	6/27/2002	8260B	CJR	1
Chlorobenzene	< 25	ug/kg	7.7	24	1	6/27/2002	8260B	CJR	1
Chloroethane	< 25	ug/kg	9	29	1	6/27/2002	8260B	CJR	1
Chloroform	< 25	ug/kg	5.9	19	1	6/27/2002	8260B	CJR	1
Chloromethane	< 25	ug/kg	6.5	21	1	6/27/2002	8260B	CJR	1
2-Chlorotoluene	< 25	ug/kg	7.2	23	1	6/27/2002	8260B	CJR	1
4-Chlorotoluene	< 25	ug/kg	5.8	18	1	6/27/2002	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	20	62	1	6/27/2002	8260B	CJR	1
Dibromochloromethane	< 25	ug/kg	4.3	14	1	6/27/2002	8260B	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	6.2	20	1	6/27/2002	8260B	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	6.4	20	1	6/27/2002	8260B	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	4.9	15	1	6/27/2002	8260B	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	22	69	1	6/27/2002	8260B	CJR	1
1,2-Dichloroethane	< 25	ug/kg	7.8	25	1	6/27/2002	8260B	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.2	26	1	6/27/2002	8260B	CJR	1
1,1-Dichloroethene	< 25	ug/kg	10	30	1	6/27/2002	8260B	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	7.2	23	1	6/27/2002	8260B	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	6.3	20	1	6/27/2002	8260B	CJR	1
1,2-Dichloropropane	< 25	ug/kg	4.7	15	1	6/27/2002	8260B	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	36	1	6/27/2002	8260B	CJR	3 4 7

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Project # NONE
Project Name CITY OF WEST ALLIS PROP
Invoice # E41208

Report Date *17-Jul-02*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5041208A						**Sample Type** Soil			
Sample ID SB-13 4-8						**Sample Date** 6/20/2002			
1,3-Dichloropropane	< 25	ug/kg	5.5	17	1	6/27/2002	8260B	CJR	1
Di-isopropyl ether	< 25	ug/kg	6.7	21	1	6/27/2002	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	5.3	17	1	6/27/2002	8260B	CJR	1
Ethylbenzene	390	ug/kg	7.4	23	1	6/27/2002	8260B	CJR	1
Hexachlorobutadiene	< 25	ug/kg	17	54	1	6/27/2002	8260B	CJR	1
Isopropylbenzene	130	ug/kg	8	26	1	6/27/2002	8260B	CJR	1
p-Isopropyltoluene	39	ug/kg	6.8	22	1	6/27/2002	8260B	CJR	1
Methylene chloride	< 25	ug/kg	7.9	25	1	6/27/2002	8260B	CJR	4
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.4	27	1	6/27/2002	8260B	CJR	1
Naphthalene	350	ug/kg	5.6	18	1	6/27/2002	8260B	CJR	1
n-Propylbenzene	390	ug/kg	8.6	27	1	6/27/2002	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	5.2	17	1	6/27/2002	8260B	CJR	1
Tetrachloroethene	< 25	ug/kg	9.2	29	1	6/27/2002	8260B	CJR	1
Toluene	< 25	ug/kg	8.8	28	1	6/27/2002	8260B	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	8	25	1	6/27/2002	8260B	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	8.3	26	1	6/27/2002	8260B	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	10	31	1	6/27/2002	8260B	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	6.3	20	1	6/27/2002	8260B	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	10	31	1	6/27/2002	8260B	CJR	1
Trichlorofluoromethane	< 25	ug/kg	18	57	1	6/27/2002	8260B	CJR	1
1,2,4-Trimethylbenzene	290	ug/kg	8.2	26	1	6/27/2002	8260B	CJR	1
1,3,5-Trimethylbenzene	190	ug/kg	5.6	18	1	6/27/2002	8260B	CJR	1
Vinyl Chloride	< 25	ug/kg	10	33	1	6/27/2002	8260B	CJR	1
m&p-Xylene	370	ug/kg	13	41	1	6/27/2002	8260B	CJR	1
o-Xylene	50	ug/kg	4.2	13	1	6/27/2002	8260B	CJR	1
Lab Code 5041208B						**Sample Type** Soil			
Sample ID SB-14 4-8						**Sample Date** 6/20/2002			
Inorganic									
General									
Solids Percent	78.3	%			1	6/25/2002	5021	AJV	1
Organic									
General									

U.S. Analytical Lab

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Project # NONE
Project Name CITY OF WEST ALLIS PROP
Invoice # E41208

Report Date *17-Jul-02*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5041208B						**Sample Type** Soil			
Sample ID SB-14 4-8						**Sample Date** 6/20/2002			
Diesel Range Organics	< 10	mg/kg	2.2	7.2	1	6/29/2002	DRO95	KAH	1
VOC's									
Benzene	< 25	ug/kg	8.2	26	1	6/27/2002	8260B	CJR	1
Bromobenzene	< 25	ug/kg	8.5	27	1	6/27/2002	8260B	CJR	1
Bromodichloromethane	< 25	ug/kg	7.2	23	1	6/27/2002	8260B	CJR	1
tert-Butylbenzene	< 25	ug/kg	6.5	21	1	6/27/2002	8260B	CJR	1
sec-Butylbenzene	< 25	ug/kg	7.4	24	1	6/27/2002	8260B	CJR	1
n-Butylbenzene	< 25	ug/kg	7.2	23	1	6/27/2002	8260B	CJR	1
Carbon Tetrachloride	< 25	ug/kg	10	31	1	6/27/2002	8260B	CJR	1
Chlorobenzene	< 25	ug/kg	7.7	24	1	6/27/2002	8260B	CJR	1
Chloroethane	< 25	ug/kg	9	29	1	6/27/2002	8260B	CJR	1
Chloroform	< 25	ug/kg	5.9	19	1	6/27/2002	8260B	CJR	1
Chloromethane	< 25	ug/kg	6.5	21	1	6/27/2002	8260B	CJR	1
2-Chlorotoluene	< 25	ug/kg	7.2	23	1	6/27/2002	8260B	CJR	1
4-Chlorotoluene	< 25	ug/kg	5.8	18	1	6/27/2002	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	20	62	1	6/27/2002	8260B	CJR	1
Dibromochloromethane	< 25	ug/kg	4.3	14	1	6/27/2002	8260B	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	6.2	20	1	6/27/2002	8260B	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	6.4	20	1	6/27/2002	8260B	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	4.9	15	1	6/27/2002	8260B	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	22	69	1	6/27/2002	8260B	CJR	1
1,2-Dichloroethane	< 25	ug/kg	7.8	25	1	6/27/2002	8260B	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.2	26	1	6/27/2002	8260B	CJR	1
1,1-Dichloroethene	< 25	ug/kg	10	30	1	6/27/2002	8260B	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	7.2	23	1	6/27/2002	8260B	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	6.3	20	1	6/27/2002	8260B	CJR	1
1,2-Dichloropropane	< 25	ug/kg	4.7	15	1	6/27/2002	8260B	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	36	1	6/27/2002	8260B	CJR	3 4 7
1,3-Dichloropropane	< 25	ug/kg	5.5	17	1	6/27/2002	8260B	CJR	1
Di-isopropyl ether	< 25	ug/kg	6.7	21	1	6/27/2002	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	5.3	17	1	6/27/2002	8260B	CJR	1
Ethylbenzene	< 25	ug/kg	7.4	23	1	6/27/2002	8260B	CJR	1
Hexachlorobutadiene	< 25	ug/kg	17	54	1	6/27/2002	8260B	CJR	1
Isopropylbenzene	< 25	ug/kg	8	26	1	6/27/2002	8260B	CJR	1

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Project # NONE
Project Name CITY OF WEST ALLIS PROP
Invoice # E41208

Report Date *17-Jul-02*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5041208B						**Sample Type** Soil			
Sample ID SB-14 4-8						**Sample Date** 6/20/2002			
p-Isopropyltoluene	< 25	ug/kg	6.8	22	1	6/27/2002	8260B	CJR	1
Methylene chloride	< 25	ug/kg	7.9	25	1	6/27/2002	8260B	CJR	4
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.4	27	1	6/27/2002	8260B	CJR	1
Naphthalene	< 25	ug/kg	5.6	18	1	6/27/2002	8260B	CJR	1
n-Propylbenzene	< 25	ug/kg	8.6	27	1	6/27/2002	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	5.2	17	1	6/27/2002	8260B	CJR	1
Tetrachloroethene	< 25	ug/kg	9.2	29	1	6/27/2002	8260B	CJR	1
Toluene	< 25	ug/kg	8.8	28	1	6/27/2002	8260B	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	8	25	1	6/27/2002	8260B	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	8.3	26	1	6/27/2002	8260B	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	10	31	1	6/27/2002	8260B	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	6.3	20	1	6/27/2002	8260B	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	10	31	1	6/27/2002	8260B	CJR	1
Trichlorofluoromethane	< 25	ug/kg	18	57	1	6/27/2002	8260B	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	8.2	26	1	6/27/2002	8260B	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	5.6	18	1	6/27/2002	8260B	CJR	1
Vinyl Chloride	< 25	ug/kg	10	33	1	6/27/2002	8260B	CJR	1
m&p-Xylene	< 50	ug/kg	13	41	1	6/27/2002	8260B	CJR	1
o-Xylene	< 25	ug/kg	4.2	13	1	6/27/2002	8260B	CJR	1
Lab Code 5041208C						**Sample Type** Soil			
Sample ID SB-15 4-8						**Sample Date** 6/20/2002			
Inorganic									
General									
Solids Percent	79.3	%			1	6/25/2002	5021	AJV	1
Organic									
General									
Diesel Range Organics	< 10	mg/kg	2.2	7.2	1	6/29/2002	DRO95	KAH	1
VOC's									
Benzene	< 25	ug/kg	8.2	26	1	6/27/2002	8260B	CJR	1
Bromobenzene	< 25	ug/kg	8.5	27	1	6/27/2002	8260B	CJR	1
Bromodichloromethane	< 25	ug/kg	7.2	23	1	6/27/2002	8260B	CJR	1
tert-Butylbenzene	< 25	ug/kg	6.5	21	1	6/27/2002	8260B	CJR	1

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Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5041208C						**Sample Type** Soil			
Sample ID SB-15 4-8						**Sample Date** 6/20/2002			
sec-Butylbenzene	< 25	ug/kg	7.4	24	1	6/27/2002	8260B	CJR	1
n-Butylbenzene	< 25	ug/kg	7.2	23	1	6/27/2002	8260B	CJR	1
Carbon Tetrachloride	< 25	ug/kg	10	31	1	6/27/2002	8260B	CJR	1
Chlorobenzene	< 25	ug/kg	7.7	24	1	6/27/2002	8260B	CJR	1
Chloroethane	< 25	ug/kg	9	29	1	6/27/2002	8260B	CJR	1
Chloroform	< 25	ug/kg	5.9	19	1	6/27/2002	8260B	CJR	1
Chloromethane	< 25	ug/kg	6.5	21	1	6/27/2002	8260B	CJR	1
2-Chlorotoluene	< 25	ug/kg	7.2	23	1	6/27/2002	8260B	CJR	1
4-Chlorotoluene	< 25	ug/kg	5.8	18	1	6/27/2002	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	20	62	1	6/27/2002	8260B	CJR	1
Dibromochloromethane	< 25	ug/kg	4.3	14	1	6/27/2002	8260B	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	6.2	20	1	6/27/2002	8260B	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	6.4	20	1	6/27/2002	8260B	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	4.9	15	1	6/27/2002	8260B	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	22	69	1	6/27/2002	8260B	CJR	1
1,2-Dichloroethane	< 25	ug/kg	7.8	25	1	6/27/2002	8260B	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.2	26	1	6/27/2002	8260B	CJR	1
1,1-Dichloroethene	< 25	ug/kg	10	30	1	6/27/2002	8260B	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	7.2	23	1	6/27/2002	8260B	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	6.3	20	1	6/27/2002	8260B	CJR	1
1,2-Dichloropropane	< 25	ug/kg	4.7	15	1	6/27/2002	8260B	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	36	1	6/27/2002	8260B	CJR	3 4 7
1,3-Dichloropropane	< 25	ug/kg	5.5	17	1	6/27/2002	8260B	CJR	1
Di-isopropyl ether	< 25	ug/kg	6.7	21	1	6/27/2002	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	5.3	17	1	6/27/2002	8260B	CJR	1
Ethylbenzene	< 25	ug/kg	7.4	23	1	6/27/2002	8260B	CJR	1
Hexachlorobutadiene	< 25	ug/kg	17	54	1	6/27/2002	8260B	CJR	1
Isopropylbenzene	< 25	ug/kg	8	26	1	6/27/2002	8260B	CJR	1
p-Isopropyltoluene	< 25	ug/kg	6.8	22	1	6/27/2002	8260B	CJR	1
Methylene chloride	< 25	ug/kg	7.9	25	1	6/27/2002	8260B	CJR	4
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.4	27	1	6/27/2002	8260B	CJR	1
Naphthalene	< 25	ug/kg	5.6	18	1	6/27/2002	8260B	CJR	1
n-Propylbenzene	< 25	ug/kg	8.6	27	1	6/27/2002	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	5.2	17	1	6/27/2002	8260B	CJR	1

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Report Date *17-Jul-02*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5041208C						**Sample Type** Soil			
Sample ID SB-15 4-8						**Sample Date** 6/20/2002			
Tetrachloroethene	< 25	ug/kg	9.2	29	1	6/27/2002	8260B	CJR	1
Toluene	< 25	ug/kg	8.8	28	1	6/27/2002	8260B	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	8	25	1	6/27/2002	8260B	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	8.3	26	1	6/27/2002	8260B	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	10	31	1	6/27/2002	8260B	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	6.3	20	1	6/27/2002	8260B	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	10	31	1	6/27/2002	8260B	CJR	1
Trichlorofluoromethane	< 25	ug/kg	18	57	1	6/27/2002	8260B	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	8.2	26	1	6/27/2002	8260B	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	5.6	18	1	6/27/2002	8260B	CJR	1
Vinyl Chloride	< 25	ug/kg	10	33	1	6/27/2002	8260B	CJR	1
m&p-Xylene	< 50	ug/kg	13	41	1	6/27/2002	8260B	CJR	1
o-Xylene	< 25	ug/kg	4.2	13	1	6/27/2002	8260B	CJR	1
Lab Code 5041208D						**Sample Type** Soil			
Sample ID SB-19 1-2						**Sample Date** 6/20/2002			
Inorganic									
General									
Solids Percent	79.7	%			1	6/25/2002	5021	AJV	1
Metals									
Arsenic, Total	< 0.6	mg/kg	0.6	2	1	7/15/2002	6010B	JLA	1
Barium, Total	88	mg/kg	0.11	0.36	1	7/15/2002	6010B	JLA	1
Cadmium, Total	< 0.7	mg/kg	0.7	2.4	1	7/15/2002	6010B	JLA	1
Chromium, Total	21	mg/kg	0.6	2.1	1	7/5/2002	6010B	JLA	1
Lead, Total	31	mg/kg	3	9	1	7/5/2002	6010B	JLA	1
Mercury, Total	0.037	mg/kg	0.006	0.019	1	6/26/2002	7471A	TLH	1
Selenium, Total	< 2.5	mg/kg	2.5	8.3	1	7/15/2002	6010B	JLA	1
Silver, Total	5.6	mg/kg	1	3	1	7/15/2002	6010B	JLA	1
Organic									
General									
Diesel Range Organics	< 10	mg/kg	2.2	7.2	1	6/29/2002	DRO95	KAH	1
PAH's									
Acenaphthene	< 41	ug/kg	41	130	1	7/1/2002	M8270	DJM	1

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Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5041208D						**Sample Type** Soil			
Sample ID SB-19 1-2						**Sample Date** 6/20/2002			
Acenaphthylene	< 42	ug/kg	42	130	1	7/1/2002	M8270	DJM	1
Anthracene	38 "J"	ug/kg	34	110	1	7/1/2002	M8270	DJM	1
Benzo(a)anthracene	93 "J"	ug/kg	54	170	1	7/1/2002	M8270	DJM	1
Benzo(a)pyrene	110 "J"	ug/kg	59	190	1	7/1/2002	M8270	DJM	1
Benzo(b)fluoranthene	120 "J"	ug/kg	42	130	1	7/1/2002	M8270	DJM	1
Benzo(g,h,i)perylene	100 "J"	ug/kg	82	260	1	7/1/2002	M8270	DJM	1
Benzo(k)fluoranthene	100 "J"	ug/kg	79	250	1	7/1/2002	M8270	DJM	1
Chrysene	160	ug/kg	38	120	1	7/1/2002	M8270	DJM	1
Dibenzo(a,h)anthracene	< 76	ug/kg	76	240	1	7/1/2002	M8270	DJM	1
Fluoranthene	220	ug/kg	42	130	1	7/1/2002	M8270	DJM	1
Fluorene	< 41	ug/kg	41	130	1	7/1/2002	M8270	DJM	1
Indeno(1,2,3-cd)pyrene	< 69	ug/kg	69	220	1	7/1/2002	M8270	DJM	1
1-Methyl naphthalene	84 "J"	ug/kg	37	120	1	7/1/2002	M8270	DJM	1
2-Methyl naphthalene	100 "J"	ug/kg	72	230	1	7/1/2002	M8270	DJM	1
Naphthalene	57 "J"	ug/kg	40	130	1	7/1/2002	M8270	DJM	1
Phenanthrene	230	ug/kg	20	62	1	7/1/2002	M8270	DJM	1
Pyrene	170 "J"	ug/kg	58	190	1	7/1/2002	M8270	DJM	1
PCB's									
Aroclor 1016	< 2	ug/kg	2	6.5	1	7/2/2002	8082	TMS	1
Aroclor 1221	< 2	ug/kg	2	6.5	1	7/2/2002	8082	TMS	1
Aroclor 1232	< 2	ug/kg	2	6.5	1	7/2/2002	8082	TMS	1
Aroclor 1242	< 2	ug/kg	2	6.5	1	7/2/2002	8082	TMS	1
Aroclor 1248	< 2	ug/kg	2	6.5	1	7/2/2002	8082	TMS	1
Aroclor 1254	< 2	ug/kg	2	6.5	1	7/2/2002	8082	TMS	1
Aroclor 1260	< 2	ug/kg	2	6.5	1	7/2/2002	8082	TMS	1
VOC's									
Benzene	< 25	ug/kg	8.2	26	1	6/27/2002	8260B	CJR	1
Bromobenzene	< 25	ug/kg	8.5	27	1	6/27/2002	8260B	CJR	1
Bromodichloromethane	< 25	ug/kg	7.2	23	1	6/27/2002	8260B	CJR	1
tert-Butylbenzene	< 25	ug/kg	6.5	21	1	6/27/2002	8260B	CJR	1
sec-Butylbenzene	< 25	ug/kg	7.4	24	1	6/27/2002	8260B	CJR	1
n-Butylbenzene	< 25	ug/kg	7.2	23	1	6/27/2002	8260B	CJR	1
Carbon Tetrachloride	< 25	ug/kg	10	31	1	6/27/2002	8260B	CJR	1
Chlorobenzene	< 25	ug/kg	7.7	24	1	6/27/2002	8260B	CJR	1

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Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5041208D						**Sample Type** Soil			
Sample ID SB-19 1-2						**Sample Date** 6/20/2002			
Chloroethane	< 25	ug/kg	9	29	1	6/27/2002	8260B	CJR	1
Chloroform	< 25	ug/kg	5.9	19	1	6/27/2002	8260B	CJR	1
Chloromethane	< 25	ug/kg	6.5	21	1	6/27/2002	8260B	CJR	1
2-Chlorotoluene	< 25	ug/kg	7.2	23	1	6/27/2002	8260B	CJR	1
4-Chlorotoluene	< 25	ug/kg	5.8	18	1	6/27/2002	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	20	62	1	6/27/2002	8260B	CJR	1
Dibromochloromethane	< 25	ug/kg	4.3	14	1	6/27/2002	8260B	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	6.2	20	1	6/27/2002	8260B	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	6.4	20	1	6/27/2002	8260B	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	4.9	15	1	6/27/2002	8260B	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	22	69	1	6/27/2002	8260B	CJR	1
1,2-Dichloroethane	< 25	ug/kg	7.8	25	1	6/27/2002	8260B	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.2	26	1	6/27/2002	8260B	CJR	1
1,1-Dichloroethene	< 25	ug/kg	10	30	1	6/27/2002	8260B	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	7.2	23	1	6/27/2002	8260B	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	6.3	20	1	6/27/2002	8260B	CJR	1
1,2-Dichloropropane	< 25	ug/kg	4.7	15	1	6/27/2002	8260B	CJR	1
2,2-Dichloropropane	< 25	ug/kg	11	36	1	6/27/2002	8260B	CJR	3 4 7
1,3-Dichloropropane	< 25	ug/kg	5.5	17	1	6/27/2002	8260B	CJR	1
Di-isopropyl ether	< 25	ug/kg	6.7	21	1	6/27/2002	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	5.3	17	1	6/27/2002	8260B	CJR	1
Ethylbenzene	< 25	ug/kg	7.4	23	1	6/27/2002	8260B	CJR	1
Hexachlorobutadiene	< 25	ug/kg	17	54	1	6/27/2002	8260B	CJR	1
Isopropylbenzene	< 25	ug/kg	8	26	1	6/27/2002	8260B	CJR	1
p-Isopropyltoluene	< 25	ug/kg	6.8	22	1	6/27/2002	8260B	CJR	1
Methylene chloride	< 25	ug/kg	7.9	25	1	6/27/2002	8260B	CJR	4
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.4	27	1	6/27/2002	8260B	CJR	1
Naphthalene	48	ug/kg	5.6	18	1	6/27/2002	8260B	CJR	1
n-Propylbenzene	< 25	ug/kg	8.6	27	1	6/27/2002	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	5.2	17	1	6/27/2002	8260B	CJR	1
Tetrachloroethene	< 25	ug/kg	9.2	29	1	6/27/2002	8260B	CJR	1
Toluene	< 25	ug/kg	8.8	28	1	6/27/2002	8260B	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	8	25	1	6/27/2002	8260B	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	8.3	26	1	6/27/2002	8260B	CJR	1

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Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5041208D						**Sample Type** Soil			
Sample ID SB-19 1-2						**Sample Date** 6/20/2002			
1,1,1-Trichloroethane	220	ug/kg	10	31	1	6/27/2002	8260B	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	6.3	20	1	6/27/2002	8260B	CJR	1
Trichloroethene (TCE)	31 "J"	ug/kg	10	31	1	6/27/2002	8260B	CJR	1
Trichlorofluoromethane	< 25	ug/kg	18	57	1	6/27/2002	8260B	CJR	1
1,2,4-Trimethylbenzene	37	ug/kg	8.2	26	1	6/27/2002	8260B	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	5.6	18	1	6/27/2002	8260B	CJR	1
Vinyl Chloride	< 25	ug/kg	10	33	1	6/27/2002	8260B	CJR	1
m&p-Xylene	< 50	ug/kg	13	41	1	6/27/2002	8260B	CJR	1
o-Xylene	< 25	ug/kg	4.2	13	1	6/27/2002	8260B	CJR	1

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

Code	*Comment*
1	All laboratory QC requirements were met for this sample.
3	The spike recovery failed to meet acceptable QC limits.
4	The check standard failed to meet acceptable QC limits.
7	The LCS spike recovery failed to meet acceptable QC limits.

Authorized Signature Christine Miller

CHAIN O. CUSTODY RECORD

Rev. Date: 9-09-98

A. lytical Lab
1090 Kennedy Ave. • Kimberly, WI 54136
(920) 735-8295 • FAX 920-739-1738 • 800-490-4902
LAB@USOIL.COM

Chain # No 13739
Page 1 of 1

Lab I.D. # 504208
Account No. : Quote No.: 7273

Project #:
Sampler: (signature) J.L. Hosler

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

Project (Name / Location): CITY OF WEST ALLIS PROPERTY NO. 705

Reports To: J.L. HOSLER Invoice To:
Company TEMCO Company
Address P.O. BOX 856 Address
City State Zip CEDARBURG City State Zip WI 53012
Phone 262-675-6000 Phone

Sample Handling Request
___ Rush Analysis Date Required ___
✓ Normal Turn Around

Analysis Requested

Lab I.D.	Sample I.D.	Collection Date	Collection Time	No. of Containers Size and Type	Description*	Preservation	DRO (Mod/TPH)	GRO (Mod/TPH)	PVOC (EPA 8020)	BTEX (EPA 8020)	VOC (EPA 8021)	VOC (EPA 8260)	O&G (EPA 413.1)	PAH (EPA 8310)	Pb	Flash Point	Other Analysis: PCB	Other Analysis: RCRA METALS	Other Analysis	Other Analysis	Other Analysis	PID/ FID
A	SB-13 4-8	6	20	2GV 1P	S	NONE	V					V					V	V				
B	SB-14 4-8	"		2GV 1P	"	"	V					V										
C	SB-15 4-8	"		2GV 120ZG	"	"	V					V										
D	SB191-2	"		2GV 440ZG	"	"	V					V		V			V	V				

Department Use Only
Split Samples: Offered ? ___ Yes ___ No
Accepted? ___ Yes ___ No
Accepted By: ___

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

J.L. Hosler 6-21-02

Department Use Optional for Soil Samples
Disposition of unused portion of sample
Lab Should:
___ Dispose ___ Retain for ___ days
___ Return ___ Other

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
[illegible]	10:40	6/21/02	Dee Huss	16:40	6-21-02
Dee Huss	4:00	6-21-02			

Received in Laboratory By: Kris Hornby Time: 4:00 Date: 6/21/02

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
800-7-ENCHEM
Fax: 920-469-8827

- Analytical Report -

Project Name : COWA-705
Project Number :
Field ID : MW-7 2.5-4.5
Lab Sample Number : 832457-001
WI DNR LAB ID : 405132750

Client : TEMCO
Report Date : 04/12/03
Collection Date : 03/20/03
Matrix Type : SOIL

Inorganic Results

Test		Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method	Analyst
Arsenic		2.3	0.088	0.28		mg/Kg		04/07/03	SW846 3050B	SW846 6020	dms
Barium		150	0.31	0.99		mg/Kg		04/07/03	SW846 3050B	SW846 6020	dms
Cadmium		0.24	0.095	0.30		mg/Kg	Q	04/07/03	SW846 3050B	SW846 6020	dms
Chromium		32	0.14	0.45		mg/Kg		04/07/03	SW846 3050B	SW846 6020	dms
Copper		23	0.12	0.38		mg/Kg		04/07/03	SW846 3050B	SW846 6020	dms
Lead		14	0.20	0.64		mg/Kg		04/07/03	SW846 3050B	SW846 6020	dms
Mercury		0.071	0.0020	0.0064		mg/Kg		04/03/03	SW846 7471A	SW846 7471A	RMP
Nickel		24	0.10	0.32		mg/Kg		04/07/03	SW846 3050B	SW846 6020	dms
Selenium		0.67	0.11	0.35		mg/Kg		04/07/03	SW846 3050B	SW846 6020	dms
Silver		0.10	0.027	0.086		mg/Kg		04/07/03	SW846 3050B	SW846 6020	dms
Zinc		85	0.48	1.5		mg/Kg		04/07/03	SW846 3050B	SW846 6020	dms
Cyanide, reactive	<	0.021			0.021	mg/kg		04/03/03	SW846 MET	SW846 MET	*USF
Percent Chlorine		0.010			0.0050	%wt		04/02/03		D808	*SF
Reactive Sulfide	<	40			40	mg/kg		04/01/03	SW846 MET	SW846 MET	*USF
Flashpoint		>210				deg F		04/02/03	SW846 1010	SW846 1010	JI
Free liquids (paint filter)		0.0				%		03/24/03	SW846 9095A	SW846 9095A	dey
pH, Laboratory		7.8				su		03/24/03	SW846 9045C	SW846 9045C	dey
Solids, percent		74.0				%		03/26/03	SM 2540G M	SM 2540G M	JI
Specific gravity - Soil		1.835						04/02/03	SM 2710F	SM 2710F	JI
Phenolics, total recoverable	<	10	10	32		mg/kg		04/11/03	SW846 9066	SW846 9066	TLH

Organic Results

PCB LIST — **Prep Method:** SW846 3545 — **Prep Date:** 03/27/03 — **Analyst:** ARO

Analyte		Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Aroclor 1016	<	35	35	110		ug/kg		03/27/03	SW846 8082
Aroclor 1221	<	35	35	110		ug/kg		03/27/03	SW846 8082
Aroclor 1232	<	35	35	110		ug/kg		03/27/03	SW846 8082
Aroclor 1242	<	35	35	110		ug/kg		03/27/03	SW846 8082
Aroclor 1248	<	35	35	110		ug/kg		03/27/03	SW846 8082
Aroclor 1254	<	35	35	110		ug/kg		03/27/03	SW846 8082
Aroclor 1260	<	35	35	110		ug/kg		03/27/03	SW846 8082
Decachlorobiphenyl		75				%Recov		03/27/03	SW846 8082

All soil results are reported on a dry weight basis unless otherwise noted.

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
800-7-ENCHEM
Fax: 920-469-8827

- Analytical Report -

Project Name : COWA-705
Project Number :
Field ID : MW-7 2.5-4.5
Lab Sample Number : 832457-001
WI DNR LAB ID : 405132750

Client : TEMCO
Report Date : 04/12/03
Collection Date : 03/20/03
Matrix Type : SOIL

Organic Results

SPECIAL SEMI-VOLATILE LIST — Prep Method: SW846 3550 — Prep Date: 04/03/03 — Analyst: RJN

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
1,4-Dichlorobenzene	< 300	300	960		ug/kg		04/07/03	SW846 8270
2,4,5-Trichlorophenol	< 350	350	1100		ug/kg		04/07/03	SW846 8270
2,4,6-Trichlorophenol	< 340	340	1100		ug/kg		04/07/03	SW846 8270
2,4-Dinitrotoluene	< 380	380	1200		ug/kg		04/07/03	SW846 8270
2-Methylphenol	< 410	410	1300		ug/kg		04/07/03	SW846 8270
4-Methylphenol	< 350	350	1100		ug/kg		04/07/03	SW846 8270
bis(2-Ethylhexyl)phthalate	< 420	420	1300		ug/kg		04/07/03	SW846 8270
Chrysene	< 300	300	960		ug/kg		04/07/03	SW846 8270
Hexachlorobenzene	< 420	420	1300		ug/kg		04/07/03	SW846 8270
Hexachlorobutadiene	< 350	350	1100		ug/kg		04/07/03	SW846 8270
Hexachloroethane	< 300	300	960		ug/kg		04/07/03	SW846 8270
Nitrobenzene	< 270	270	860		ug/kg		04/07/03	SW846 8270
Pentachlorophenol	< 340	340	1100		ug/kg		04/07/03	SW846 8270
2,4,6-Tribromophenol	76				%Recov		04/07/03	SW846 8270
2-Chlorophenol-d4	63				%Recov		04/07/03	SW846 8270
2-Fluorobiphenyl	77				%Recov		04/07/03	SW846 8270
Nitrobenzene-d5	60				%Recov		04/07/03	SW846 8270

Organic Results

SPECIAL VOLATILE LIST - SOIL/METHANOL — Prep Method: SW846 5030B — Prep Date: 04/01/03 — Analyst: TLT

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
2-Butanone	< 140	140	340		ug/kg	K	04/02/03	SW846 8260B
4-Bromofluorobenzene	95				%Recov		04/02/03	SW846 8260B
Dibromofluoromethane	86				%Recov		04/02/03	SW846 8260B
Toluene-d8	98				%Recov		04/02/03	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

En Chem Inc.

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Green Bay, WI 54302
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800-7-ENCHEM
Fax: 920-469-8827

- Analytical Report -

Project Name : COWA-705
Project Number :
Client : TEMCO
Field ID : MW-9 2.5-4.5
Report Date : 04/12/03
Lab Sample Number : 832457-002
Collection Date : 03/20/03
WI DNR LAB ID : 405132750
Matrix Type : SOIL

Inorganic Results

Test		Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method	Analyst
Arsenic		6.6	0.077	0.25		mg/Kg		04/07/03	SW846 3050B	SW846 6020	dms
Barium		81	0.27	0.86		mg/Kg		04/07/03	SW846 3050B	SW846 6020	dms
Cadmium		0.38	0.082	0.26		mg/Kg		04/07/03	SW846 3050B	SW846 6020	dms
Chromium		13	0.12	0.38		mg/Kg		04/07/03	SW846 3050B	SW846 6020	dms
Copper		34	0.11	0.35		mg/Kg		04/07/03	SW846 3050B	SW846 6020	dms
Lead		52	0.17	0.54		mg/Kg		04/07/03	SW846 3050B	SW846 6020	dms
Mercury		0.052	0.0018	0.0057		mg/Kg		04/03/03	SW846 7471A	SW846 7471A	RMP
Nickel		18	0.088	0.28		mg/Kg		04/07/03	SW846 3050B	SW846 6020	dms
Selenium		1.0	0.094	0.30		mg/Kg		04/07/03	SW846 3050B	SW846 6020	dms
Silver	<	0.024	0.024	0.076		mg/Kg		04/07/03	SW846 3050B	SW846 6020	dms
Zinc		140	0.41	1.3		mg/Kg		04/07/03	SW846 3050B	SW846 6020	dms
Cyanide, reactive	<	0.015			0.015	mg/kg		04/03/03	SW - 7.3.3.2	SW - 7.3.3.2	*USF
Percent Chlorine		0.015			0.0050	%wt		04/02/03		D808	*SF
Reactive Sulfide	<	29			29	mg/kg		04/01/03	SW846 MET	SW846 MET	*USF
Flashpoint		>210				deg F		04/02/03	SW846 1010	SW846 1010	JI
Free liquids (paint filter)		0.0				%		03/24/03	SW846 9095A	SW846 9095A	dey
pH, Laboratory		7.0				su		03/24/03	SW846 9045C	SW846 9045C	dey
Solids, percent		85.3				%		03/26/03	SM 2540G M	SM 2540G M	JI
Specific gravity - Soil		1.934						04/02/03	SM 2710F	SM 2710F	JI
Phenolics, total recoverable	<	8.9	8.9	28		mg/kg		04/11/03	SW846 9066	SW846 9066	TLH

Organic Results

PCB LIST — **Prep Method:** SW846 3545 — **Prep Date:** 03/27/03 — **Analyst:** ARO

Analyte		Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Aroclor 1016	<	15	15	48		ug/kg		03/27/03	SW846 8082
Aroclor 1221	<	15	15	48		ug/kg		03/27/03	SW846 8082
Aroclor 1232	<	15	15	48		ug/kg		03/27/03	SW846 8082
Aroclor 1242	<	15	15	48		ug/kg		03/27/03	SW846 8082
Aroclor 1248	<	15	15	48		ug/kg		03/27/03	SW846 8082
Aroclor 1254	<	15	15	48		ug/kg		03/27/03	SW846 8082
Aroclor 1260	<	15	15	48		ug/kg		03/27/03	SW846 8082
Decachlorobiphenyl		70				%Recov		03/27/03	SW846 8082

All soil results are reported on a dry weight basis unless otherwise noted.

En Chem Inc.

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Green Bay, WI 54302
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Fax: 920-469-8827

- Analytical Report -

Project Name : COWA-705
Project Number :
Field ID : MW-9 2.5-4.5
Lab Sample Number : 832457-002
WI DNR LAB ID : 405132750

Client : TEMCO
Report Date : 04/12/03
Collection Date : 03/20/03
Matrix Type : SOIL

Organic Results

SPECIAL SEMI-VOLATILE LIST — Prep Method: SW846 3550 — Prep Date: 04/03/03 — Analyst: RJN

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
1,4-Dichlorobenzene	< 260	260	830		ug/kg		04/07/03	SW846 8270
2,4,5-Trichlorophenol	< 300	300	960		ug/kg		04/07/03	SW846 8270
2,4,6-Trichlorophenol	< 290	290	920		ug/kg		04/07/03	SW846 8270
2,4-Dinitrotoluene	< 330	330	1100		ug/kg		04/07/03	SW846 8270
2-Methylphenol	< 350	350	1100		ug/kg		04/07/03	SW846 8270
4-Methylphenol	< 300	300	960		ug/kg		04/07/03	SW846 8270
Hexachlorobenzene	< 360	360	1100		ug/kg		04/07/03	SW846 8270
Hexachlorobutadiene	< 300	300	960		ug/kg		04/07/03	SW846 8270
Hexachloroethane	< 260	260	830		ug/kg		04/07/03	SW846 8270
Nitrobenzene	< 230	230	730		ug/kg		04/07/03	SW846 8270
Pentachlorophenol	< 290	290	920		ug/kg		04/07/03	SW846 8270
2,4,6-Tribromophenol	81				%Recov		04/07/03	SW846 8270
2-Chlorophenol-d4	63				%Recov		04/07/03	SW846 8270
2-Fluorobiphenyl	74				%Recov		04/07/03	SW846 8270
Nitrobenzene-d5	62				%Recov		04/07/03	SW846 8270

Organic Results

SPECIAL VOLATILE LIST - SOIL/METHANOL — Prep Method: SW846 5030B — Prep Date: 04/01/03 — Analyst: TLT

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
2-Butanone	< 72	72	170		ug/kg		04/02/03	SW846 8260B
4-Bromofluorobenzene	102				%Recov		04/02/03	SW846 8260B
Dibromofluoromethane	98				%Recov		04/02/03	SW846 8260B
Toluene-d8	102				%Recov		04/02/03	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

EN CHEM INC.

Green Bay to Kimberly Sample Transfer Record

Client: Temco

QT? ☐ yes ☒ no Due:

Rec Temp: ROT

Lab No.	Collection Date	Collection Time	Matrix	ANALYSES REQUESTED: Phenols												TOTAL # OF BOTTLES SENT	COMMENTS
832457-001	3/20/03		S	X												1	8oz gl
002	↓		↓	↓												↓	

Relinquished By:	Date/Time:	Received By:	Date/Time:
Jason Richard	3/21/03	[signature]	3/24/03 7:55
[signature]	3/24/03	Tori Stevens	3/24/03 9:00

COMMENTS:

Cooler Custody Seal (if applicable)
Intact / Not Intact

Version 1.0: 10/02

EN CHEM INC.

Corporate Office & Laboratory
1241 Bellevue Street, Suite 9 • Green Bay, WI 54302
920-469-2436 • Fax: 920-469-8827 • 800-7-ENCHEM
www.enchem.com

- Analytical Report -

Project Name : COWA-705

Project Number :

Client: TEMCO

WI DNR LAB ID : 405132750

Sample No.	Field ID	Collection Date	Sample No.	Field ID	Collection Date
832457-001	MW-7 2.5-4.5	03/20/03			
832457-002	MW-9 2.5-4.5	03/20/03			

Please visit our Internet homepage at: www.enchem.com

The "Q" flag is present when a parameter has been detected below the LOQ. This indicates the results are qualified due to the uncertainty of the parameter concentration between the LOD and the LOQ.

Soil VOC detects are corrected for the total solids, unless otherwise noted.

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. Reported results shall not be reproduced, except in full, without the written approval of the lab. The sample results relate only to the analytes of interest tested.

Approval Signature

4/14/03
Date

En Chem, Inc. Cooler Receipt Log

Batch No. 832457

Project Name or ID TEMCO No. of Coolers: 1 Temps: ROI

A. Receipt Phase: Date cooler was opened: 3/21/03 **By:** JR

1: Were samples received on ice? (Must be ≤ 6 C)	(YES)	NO[2]	
2. Was there a Temperature Blank?	YES	(NO)	
3: Were custody seals present and intact? (Record on COC)	YES	(NO)	
4: Are COC documents present?	(YES)	NO[2]	
5: Does this Project require quick turn around analysis?	YES	(NO)	
6: Is there any sub-work?	(YES)	NO	
7: Are there any short hold time tests?	YES	(NO)	
8: Are any samples nearing expiration of hold-time? (Within 2 days)	YES[1]	(NO)	Contacted by/Who_____
9: Do any samples need to be Filtered or Preserved in the lab?	YES[1]	(NO)	Contacted by/Who_____

B. Check-in Phase: Date samples were Checked-in: 3/21/03 **By:** JR

1: Were all sample containers listed on the COC received and intact?	(YES)	NO[2]	NA
2: Sign the COC as received by En Chem. Completed	(YES)	NO	
3: Do sample labels match the COC?	(YES)	NO[2]	
4: Check sample pH of preserved samples. (Not VOCs) Completed	YES	NO	(NA)
5: Do samples have correct chemical preservation?	YES	NO[2]	(NA)
6: Are dissolved parameters field filtered?	YES	NO[2]	(NA)
7: Are sample volumes adequate for tests requested?	(YES)	NO[2]	
8: Are VOC samples free of bubbles >6mm	YES	NO[2]	(NA)
9: Enter samples into logbook. Completed	(YES)	NO	
10: Place laboratory sample number on all containers and COC. Completed	(YES)	NO	
11: Complete Laboratory Tracking Sheet (LTS). Completed	YES	NO	(NA)
12: Start Nonconformance form.	YES	NO	(NA)
13: Initiate Subcontracting procedure. Completed	(YES)	NO	NA
14: Check laboratory sample number on all containers and COC. KB	(YES)	NO	NA

Short Hold-time tests:

48 Hours or less	7 days
Coliform (6 hrs)	Flashpoint
Hexavalent Chromium (24 Hrs)	TSS
BOD	Total Solids
Nitrite or Nitrate	TDS
Low Level Mercury	Sulfide
Ortho Phosphorus	Free Liquids
Turbidity	Total Volatile Solids
Surfactants	Aqueous Extractable Organics- ALL
Sulfite	Unpreserved VOC's
En Core Preservation	Ash
Color	

Footnotes
1 Notify proper lab group immediately.
2 Complete nonconformance memo.

Rev. 9/5/2001, Attachment to 1-REC-5.
Subject to QA Audit.

Reviewed by/date CZ 3/24/03

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
800-7-ENCHEM
Fax: 920-469-8827

Lab Sample Number	Test Group Name	Wisconsin Cert #
832457-001	PHENOLICS, TOTAL REC	445134030
832457-002	PHENOLICS, TOTAL REC	445134030

En Chem, Inc.

Organic Data Qualifiers

B	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	Elevated detection limit.
D	Analyte value from diluted analysis, or surrogate result not applicable due to sample dilution.
E	Analyte concentration exceeds calibration range.
F	Surrogate results outside control criteria.
H	Extraction or analysis performed past holding time.
J	Qualitative evidence of analyte present: concentration detected is greater than the method detection limit but less than the reporting limit.
K	Detection limit may be elevated due to the presence of an unrequested analyte.
N	Spiked sample recovery not within control limits.
P	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	The analyte was not detected above the reporting limit.
W	Sample received with headspace.
X	See Sample Narrative.
&	Laboratory Control Spike recovery not within control limits.
*	Duplicate analyses not within control limits.
SUB1	Assay was subcontracted to an approved lab.
SUB2	Assay was subcontracted to En Chem Green Bay WI Cert. #405132750.

ENCHEM inc.

Documentation of Subcontracted Analysis

Listed below are labs used for subcontracted analysis and their associated State Certification numbers.

Analyst Code	Sub-Laboratory	Wisconsin Cert #	Minnesota Cert #	Phone
*BD	Badger Labs	445023150	NA	920-729-1100
*BR	Braun Intertec Corp	999462640	027-053-117	800-279-6100
*CT	CT Laboratories	157066030	07-053-117	608-356-2760
*DL	Daily Lab	NA	NA	309-691-4513
*ELA	E-LAB	NA	NA	616-399-6070
*ECS	ECCS	113289110		608-221-8700
*EHL	Environmental Health Labs	999766900	018-999-338	574-233-4777
*ERA	ERA Labs	999446800	027-137-152	218-727-6380
*NL	Northern Lake Service	721026460	NA	715-478-2777
*NSA	North Shore Analytical	399017190	027-137-389	218-729-4658
*PAC	PACE	999407970	027-053-137	612-607-1700
*SF	S-F Analytical	241249360	NA	414-475-6700
*SLH	State Lab of Hygene	113133790	NA	800-442-4618
*STC	STL - Chicago	999580010	017-999-101	708-534-5200
*STS	STL - Savannah	999819810	NA	912-354-7858
*SUB	Any lab not on this sheet	NA	NA	NA
*TA	Test America	128053530	055-999-366	800-833-7036
*CQM	CQM	NA	NA	920-465-3911
*CTE	CT&E Environmental Services	999959180	NA	231-843-1877
*GLA	Great Lakes Analytical	99991716	NA	847-808-7766
*USF	US Filter/Enviroscan	737053130	055-999-302	715-359-7226

(Please Print Legibly)

Company Name: TEMCO

Branch or Location: CEDARBURG

Project Contact: JEFF HOSLER

Telephone: 262-675-6206

Project Number:

Project Name: COWA - 705

Project State: WI

Sampled By (Print): JEFF HOSLER

EN CHEM INC.

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

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

CHAIN OF CUSTODY

80349

Page 1 of 1

P.O. # _____ Quote # 7273

Mail Report To: JEFF HOSLER

Company: TEMCO

Address: P.O. BOX 856
CEDARBURG WI 53012

Invoice To: SAME

Company:

Address:

Mail Invoice To: SAME

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

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

PRESERVATION (CODE)*: A A A A A

ANALYSES REQUESTED

TOTAL # OF BOTTLES SENT

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

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

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

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX								TOTAL # OF BOTTLES SENT	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
001	MW-7 2.5-4.5	3/20	—	S	X							5	DO WISCONSIN	5-8 oz. jar, 1-40 mL VA
002	MW-9 2.5-4.5	3/20	—	S	X							5	PROTOCOL B	↓ ↓
													TOTALS -	
													SAVE REMAIN-	
													ING SAMPLE FOR	
													POSSIBLE TCLP-	
													FOR VOC, OO	
													ONLY MEK	

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

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
D Hosler	21MAR03 1145	D Kempen	3/21/03 1145
D Kempen	3/21/03 1550	Jason Ruhland	3/21/03 1550

En Chem Project No. 832457

Sample Receipt Temp. ROI

Sample Receipt pH (Wet/Metals) N/A

Cooler Custody Seal
Present / Not Present

Intact / Not Intact

Synergy Environmental Lab, LLC

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

JEFF HOSLER
TEMCO
2088 WASHINGTON AVENUE / PO Box 856
CEDARBURG, WI 53012

Report Date *16-Jun-04*

Project Name 700 SITES/WEST ALLIS **Invoice #** E10761
Project #

Lab Code 5010761A
Sample ID MW-1
Sample Matrix Water
Sample Date 6/8/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PVOC + Naphthalene									
Benzene	< 0.29	ug/l	0.29	0.91	1	8260B	6/11/2004	CJR	1
Ethylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	6/11/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.2	ug/l	0.2	0.64	1	8260B	6/11/2004	CJR	1
Naphthalene	< 0.6	ug/l	0.6	1.9	1	8260B	6/11/2004	CJR	1
Toluene	< 0.57	ug/l	0.57	1.8	1	8260B	6/11/2004	CJR	1
1,2,4-Trimethylbenzene	< 0.51	ug/l	0.51	1.6	1	8260B	6/11/2004	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.1	1	8260B	6/11/2004	CJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B	6/11/2004	CJR	1
o-Xylene	< 0.64	ug/l	0.64	2	1	8260B	6/11/2004	CJR	1

Lab Code 5010761B
Sample ID MW-2
Sample Matrix Water
Sample Date 6/8/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PVOC + Naphthalene									
Benzene	< 0.29	ug/l	0.29	0.91	1	8260B	6/11/2004	CJR	1
Ethylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	6/11/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.2	ug/l	0.2	0.64	1	8260B	6/11/2004	CJR	1
Naphthalene	< 0.6	ug/l	0.6	1.9	1	8260B	6/11/2004	CJR	1
Toluene	< 0.57	ug/l	0.57	1.8	1	8260B	6/11/2004	CJR	1
1,2,4-Trimethylbenzene	< 0.51	ug/l	0.51	1.6	1	8260B	6/11/2004	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.1	1	8260B	6/11/2004	CJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B	6/11/2004	CJR	1
o-Xylene	< 0.64	ug/l	0.64	2	1	8260B	6/11/2004	CJR	1

Project Name 700 SITES/WEST ALLIS **Invoice #** E10761
Proiect #

Lab Code 5010761C
Sample ID MW-3
Sample Matrix Water
Sample Date 6/8/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PVOC + Naphthalene									
Benzene	51	ug/l	0.29	0.91	1	8260B	6/11/2004	CJR	1
Ethylbenzene	10	ug/l	0.56	1.8	1	8260B	6/11/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.2	ug/l	0.2	0.64	1	8260B	6/11/2004	CJR	1
Naphthalene	2.9	ug/l	0.6	1.9	1	8260B	6/11/2004	CJR	1
Toluene	7.2	ug/l	0.57	1.8	1	8260B	6/11/2004	CJR	1
1,2,4-Trimethylbenzene	4.6	ug/l	0.51	1.6	1	8260B	6/11/2004	CJR	1
1,3,5-Trimethylbenzene	0.83 "J"	ug/l	0.66	2.1	1	8260B	6/11/2004	CJR	1
m&p-Xylene	14	ug/l	1.1	3.5	1	8260B	6/11/2004	CJR	1
o-Xylene	4.1	ug/l	0.64	2	1	8260B	6/11/2004	CJR	1

Lab Code 5010761D
Sample ID MW-4
Sample Matrix Water
Sample Date 6/8/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PVOC + Naphthalene									
Benzene	< 0.29	ug/l	0.29	0.91	1	8260B	6/11/2004	CJR	1
Ethylbenzene	< 0.56	ug/l	0.56	1.8	1	8260B	6/11/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.2	ug/l	0.2	0.64	1	8260B	6/11/2004	CJR	1
Naphthalene	< 0.6	ug/l	0.6	1.9	1	8260B	6/11/2004	CJR	1
Toluene	< 0.57	ug/l	0.57	1.8	1	8260B	6/11/2004	CJR	1
1,2,4-Trimethylbenzene	< 0.51	ug/l	0.51	1.6	1	8260B	6/11/2004	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.1	1	8260B	6/11/2004	CJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B	6/11/2004	CJR	1
o-Xylene	< 0.64	ug/l	0.64	2	1	8260B	6/11/2004	CJR	1

Lab Code 5010761E
Sample ID MW-5
Sample Matrix Water
Sample Date 6/8/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PVOC + Naphthalene									
Benzene	280	ug/l	15	46	50	8260B	6/14/2004	CJR	1
Ethylbenzene	5	ug/l	0.56	1.8	1	8260B	6/13/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.2	ug/l	0.2	0.64	1	8260B	6/13/2004	CJR	1
Naphthalene	1.2 "J"	ug/l	0.6	1.9	1	8260B	6/13/2004	CJR	1
Toluene	6.6	ug/l	0.57	1.8	1	8260B	6/13/2004	CJR	1
1,2,4-Trimethylbenzene	1.12 "J"	ug/l	0.51	1.6	1	8260B	6/13/2004	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.1	1	8260B	6/13/2004	CJR	1
m&p-Xylene	6.6	ug/l	1.1	3.5	1	8260B	6/13/2004	CJR	1
o-Xylene	1.74 "J"	ug/l	0.64	2	1	8260B	6/13/2004	CJR	1

Project Name 700 SITES/WEST ALLIS **Invoice #** E10761
Project #

Lab Code 5010761F
Sample ID MW-6
Sample Matrix Water
Sample Date 6/8/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PVOC + Naphthalene									
Benzene	2110	ug/l	14.5	45.5	50	8260B	6/13/2004	CJR	1
Ethylbenzene	561	ug/l	28	90	50	8260B	6/13/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 10	ug/l	10	32	50	8260B	6/13/2004	CJR	1
Naphthalene	48.5 "J"	ug/l	30	95	50	8260B	6/13/2004	CJR	1
Toluene	53 "J"	ug/l	28.5	90	50	8260B	6/13/2004	CJR	1
1,2,4-Trimethylbenzene	57 "J"	ug/l	25.5	80	50	8260B	6/13/2004	CJR	1
1,3,5-Trimethylbenzene	< 33	ug/l	33	105	50	8260B	6/13/2004	CJR	1
m&p-Xylene	143.5 "J"	ug/l	55	175	50	8260B	6/13/2004	CJR	1
o-Xylene	< 32	ug/l	32	100	50	8260B	6/13/2004	CJR	1

Lab Code 5010761G
Sample ID MW-7
Sample Matrix Water
Sample Date 6/8/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PVOC + Naphthalene									
Benzene	340	ug/l	15	46	50	8260B	6/14/2004	CJR	1
Ethylbenzene	57	ug/l	0.56	1.8	1	8260B	6/13/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.2	ug/l	0.2	0.64	1	8260B	6/13/2004	CJR	1
Naphthalene	2.8	ug/l	0.6	1.9	1	8260B	6/13/2004	CJR	1
Toluene	4.1	ug/l	0.57	1.8	1	8260B	6/13/2004	CJR	1
1,2,4-Trimethylbenzene	6.5	ug/l	0.51	1.6	1	8260B	6/13/2004	CJR	1
1,3,5-Trimethylbenzene	3.2	ug/l	0.66	2.1	1	8260B	6/13/2004	CJR	1
m&p-Xylene	12	ug/l	1.1	3.5	1	8260B	6/13/2004	CJR	1
o-Xylene	2.9	ug/l	0.64	2	1	8260B	6/13/2004	CJR	1

Lab Code 5010761H
Sample ID MW-8
Sample Matrix Water
Sample Date 6/8/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PVOC + Naphthalene									
Benzene	370	ug/l	15	16	50	8260B	6/15/2004	CJR	1
Ethylbenzene	10	ug/l	0.56	1.8	1	8260B	6/13/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.2	ug/l	0.2	0.64	1	8260B	6/13/2004	CJR	1
Naphthalene	< 0.6	ug/l	0.6	1.9	1	8260B	6/13/2004	CJR	1
Toluene	8.2	ug/l	0.57	1.8	1	8260B	6/13/2004	CJR	1
1,2,4-Trimethylbenzene	< 0.51	ug/l	0.51	1.6	1	8260B	6/13/2004	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.1	1	8260B	6/13/2004	CJR	1
m&p-Xylene	2.36 "J"	ug/l	1.1	3.5	1	8260B	6/13/2004	CJR	1
o-Xylene	0.85 "J"	ug/l	0.64	2	1	8260B	6/13/2004	CJR	1

Project Name 700 SITES/WEST ALLIS **Invoice #** E10761
Project #

Lab Code 5010761I
Sample ID MW-9
Sample Matrix Water
Sample Date 6/8/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
PVOC + Naphthalene									
Benzene	3180	ug/l	14.5	45.5	50	8260B	6/14/2004	CJR	1
Ethylbenzene	823	ug/l	28	90	50	8260B	6/14/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 10	ug/l	10	32	50	8260B	6/14/2004	CJR	1
Naphthalene	224	ug/l	30	95	50	8260B	6/14/2004	CJR	1
Toluene	146	ug/l	28.5	90	50	8260B	6/14/2004	CJR	1
1,2,4-Trimethylbenzene	< 25.5	ug/l	25.5	80	50	8260B	6/14/2004	CJR	1
1,3,5-Trimethylbenzene	< 33	ug/l	33	105	50	8260B	6/14/2004	CJR	1
m&p-Xylene	184	ug/l	55	175	50	8260B	6/14/2004	CJR	1
o-Xylene	60 "J"	ug/l	32	100	50	8260B	6/14/2004	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.

Authorized Signature Michael J. Ricker

CHAIN OF CUSTODY RECORD

Chain # No 0939

Page 1 of 1

Synergy Environmental Lab, LLC

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

Lab I.D. #

Account No. : | Quote No.:

Project #:

Sampler: (signature) J. Hosler

Project (Name / Location): 700 SITES / CITY OF WEST ALLIS

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

Analysis Requested

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	PVOC (EPA 8021)	VOC (EPA 8260)	VOC DW (EPA 524.2)	PAH (EPA 8270)	Total Suspended Solids	Lead	Other Analysis: NAPTH ALKYL	PID/ FID
5010761 A	MW-1	6-8	10:30		✓	N	3	GW	HCl			✓						✓	
B	MW-2		11:00									✓						✓	
C	MW-3		11:30									✓						✓	
D	MW-4		12:00									✓						✓	
E	MW-5		12:30									✓						✓	
F	MW-6		1:00									✓						✓	
G	MW-7		1:30									✓						✓	
H	MW-8		2:00									✓						✓	
I	MW-9		2:30									✓						✓	

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

SEMO INVOICE TO TEMCO

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

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
J. Hosler	6-8-04		DJ	4:45	6/10

Received in Laboratory By: [signature] Time: 8:00 AM Date: 6/9/04

Synergy Environmental Lab, LLC

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

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

Report Date *15-Nov-04*

Project Name COWA-100 & 700 SITES **Invoice #** E11158
Project #

Lab Code 5011158A
Sample ID SB-8, 5.5-6.5
Sample Matrix Soil
Sample Date 10/19/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	83.3	%			1	5021	10/21/2004	CJR	1
Organic									
General									
Diesel Range Organics	< 10	mg/kg	0.72	2.3	1	DRO95	10/23/2004	MJR	1

Lab Code 5011158B
Sample ID SB-9, 4-6
Sample Matrix Soil
Sample Date 10/19/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	86.5	%			1	5021	10/21/2004	CJR	1
Organic									
General									
Diesel Range Organics	< 10	mg/kg	0.72	2.3	1	DRO95	10/23/2004	MJR	1
VOC's									
Benzene	< 25	ug/kg	6.6	21	1	8260B	10/22/2004	CJR	1
Bromobenzene	< 25	ug/kg	11	35	1	8260B	10/22/2004	CJR	1
Bromodichloromethane	< 25	ug/kg	8.5	27	1	8260B	10/22/2004	CJR	1
Bromoform	< 25	ug/kg	19	60	1	8260B	10/22/2004	CJR	1
tert-Butylbenzene	< 25	ug/kg	11	35	1	8260B	10/22/2004	CJR	1
sec-Butylbenzene	< 25	ug/kg	12	37	1	8260B	10/22/2004	CJR	1
n-Butylbenzene	< 25	ug/kg	6.7	21	1	8260B	10/22/2004	CJR	1
Carbon Tetrachloride	< 25	ug/kg	8.3	26	1	8260B	10/22/2004	CJR	1

Project Name COWA-100 & 700 SITES **Invoice #** E11158
Project #

Lab Code 5011158B
Sample ID SB-9, 4-6
Sample Matrix Soil
Sample Date 10/19/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Chlorobenzene	< 25	ug/kg	7.5	24	1	8260B	10/22/2004	CJR	1
Chloroethane	< 25	ug/kg	10	32	1	8260B	10/22/2004	CJR	1
Chloroform	< 25	ug/kg	13	41	1	8260B	10/22/2004	CJR	1
Chloromethane	< 25	ug/kg	15	49	1	8260B	10/22/2004	CJR	1
2-Chlorotoluene	< 25	ug/kg	9.5	30	1	8260B	10/22/2004	CJR	1
4-Chlorotoluene	< 25	ug/kg	7.3	23	1	8260B	10/22/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	24	75	1	8260B	10/22/2004	CJR	1
Dibromochloromethane	< 25	ug/kg	7.1	23	1	8260B	10/22/2004	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	8.9	28	1	8260B	10/22/2004	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	10/22/2004	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	11	34	1	8260B	10/22/2004	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	7	22	1	8260B	10/22/2004	CJR	1
1,2-Dichloroethane	< 25	ug/kg	13	40	1	8260B	10/22/2004	CJR	1
1,1-Dichloroethane	< 25	ug/kg	11	34	1	8260B	10/22/2004	CJR	1
1,1-Dichloroethene	< 25	ug/kg	9.9	32	1	8260B	10/22/2004	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	20	65	1	8260B	10/22/2004	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	12	38	1	8260B	10/22/2004	CJR	1
1,2-Dichloropropane	< 25	ug/kg	5.4	17	1	8260B	10/22/2004	CJR	1
2,2-Dichloropropane	< 25	ug/kg	14	45	1	8260B	10/22/2004	CJR	1
1,3-Dichloropropane	< 25	ug/kg	10	32	1	8260B	10/22/2004	CJR	1
Di-isopropyl ether	< 25	ug/kg	5.9	19	1	8260B	10/22/2004	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	12	40	1	8260B	10/22/2004	CJR	1
Ethylbenzene	< 25	ug/kg	6.2	20	1	8260B	10/22/2004	CJR	1
Hexachlorobutadiene	< 25	ug/kg	17	55	1	8260B	10/22/2004	CJR	1
Isopropylbenzene	< 25	ug/kg	5.9	19	1	8260B	10/22/2004	CJR	1
p-Isopropyltoluene	< 25	ug/kg	6.1	19	1	8260B	10/22/2004	CJR	1
Methylene chloride	< 25	ug/kg	11	36	1	8260B	10/22/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.7	28	1	8260B	10/22/2004	CJR	1
Naphthalene	< 25	ug/kg	7.8	25	1	8260B	10/22/2004	CJR	1
n-Propylbenzene	< 25	ug/kg	5.6	18	1	8260B	10/22/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	7.4	23	1	8260B	10/22/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 25	ug/kg	17	55	1	8260B	10/22/2004	CJR	1
Tetrachloroethene	< 25	ug/kg	19	59	1	8260B	10/22/2004	CJR	1
Toluene	< 25	ug/kg	5.5	18	1	8260B	10/22/2004	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	13	41	1	8260B	10/22/2004	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	10/22/2004	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	6.8	22	1	8260B	10/22/2004	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	8.7	28	1	8260B	10/22/2004	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	13	40	1	8260B	10/22/2004	CJR	1
Trichlorofluoromethane	< 25	ug/kg	6	19	1	8260B	10/22/2004	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	8.6	27	1	8260B	10/22/2004	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.8	12	1	8260B	10/22/2004	CJR	1
Vinyl Chloride	< 25	ug/kg	9.6	31	1	8260B	10/22/2004	CJR	1
m&p-Xylene	< 50	ug/kg	16	52	1	8260B	10/22/2004	CJR	1
o-Xylene	< 25	ug/kg	7.9	25	1	8260B	10/22/2004	CJR	1

Lab Code 5011158C
Sample ID SB-13, 0.5-1.0
Sample Matrix Soil
Sample Date 10/19/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	80.3	%			1	5021	10/21/2004	CJR	1

Project Name COWA-100 & 700 SITES **Invoice #** E11158
Project #

Lab Code 5011158C
Sample ID SB-13, 0.5-1.0
Sample Matrix Soil
Sample Date 10/19/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Organic									
General									
Diesel Range Organics	< 10	mg/kg	0.72	2.3	1	DRO95	10/23/2004	MJR	1
VOC's									
Benzene	< 25	ug/kg	6.6	21	1	8260B	10/22/2004	CJR	1
Bromobenzene	< 25	ug/kg	11	35	1	8260B	10/22/2004	CJR	1
Bromodichloromethane	< 25	ug/kg	8.5	27	1	8260B	10/22/2004	CJR	1
Bromoform	< 25	ug/kg	19	60	1	8260B	10/22/2004	CJR	1
tert-Butylbenzene	< 25	ug/kg	11	35	1	8260B	10/22/2004	CJR	1
sec-Butylbenzene	< 25	ug/kg	12	37	1	8260B	10/22/2004	CJR	1
n-Butylbenzene	< 25	ug/kg	6.7	21	1	8260B	10/22/2004	CJR	1
Carbon Tetrachloride	< 25	ug/kg	8.3	26	1	8260B	10/22/2004	CJR	1
Chlorobenzene	< 25	ug/kg	7.5	24	1	8260B	10/22/2004	CJR	1
Chloroethane	< 25	ug/kg	10	32	1	8260B	10/22/2004	CJR	1
Chloroform	< 25	ug/kg	13	41	1	8260B	10/22/2004	CJR	1
Chloromethane	< 25	ug/kg	15	49	1	8260B	10/22/2004	CJR	1
2-Chlorotoluene	< 25	ug/kg	9.5	30	1	8260B	10/22/2004	CJR	1
4-Chlorotoluene	< 25	ug/kg	7.3	23	1	8260B	10/22/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	24	75	1	8260B	10/22/2004	CJR	1
Dibromochloromethane	< 25	ug/kg	7.1	23	1	8260B	10/22/2004	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	8.9	28	1	8260B	10/22/2004	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	10/22/2004	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	11	34	1	8260B	10/22/2004	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	7	22	1	8260B	10/22/2004	CJR	1
1,2-Dichloroethane	< 25	ug/kg	13	40	1	8260B	10/22/2004	CJR	1
1,1-Dichloroethane	< 25	ug/kg	11	34	1	8260B	10/22/2004	CJR	1
1,1-Dichloroethene	< 25	ug/kg	9.9	32	1	8260B	10/22/2004	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	20	65	1	8260B	10/22/2004	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	12	38	1	8260B	10/22/2004	CJR	1
1,2-Dichloropropane	< 25	ug/kg	5.4	17	1	8260B	10/22/2004	CJR	1
2,2-Dichloropropane	< 25	ug/kg	14	45	1	8260B	10/22/2004	CJR	1
1,3-Dichloropropane	< 25	ug/kg	10	32	1	8260B	10/22/2004	CJR	1
Di-isopropyl ether	< 25	ug/kg	5.9	19	1	8260B	10/22/2004	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	12	40	1	8260B	10/22/2004	CJR	1
Ethylbenzene	< 25	ug/kg	6.2	20	1	8260B	10/22/2004	CJR	1
Hexachlorobutadiene	< 25	ug/kg	17	55	1	8260B	10/22/2004	CJR	1
Isopropylbenzene	< 25	ug/kg	5.9	19	1	8260B	10/22/2004	CJR	1
p-Isopropyltoluene	< 25	ug/kg	6.1	19	1	8260B	10/22/2004	CJR	1
Methylene chloride	< 25	ug/kg	11	36	1	8260B	10/22/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.7	28	1	8260B	10/22/2004	CJR	1
Naphthalene	< 25	ug/kg	7.8	25	1	8260B	10/22/2004	CJR	1
n-Propylbenzene	< 25	ug/kg	5.6	18	1	8260B	10/22/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	7.4	23	1	8260B	10/22/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 25	ug/kg	17	55	1	8260B	10/22/2004	CJR	1
Tetrachloroethene	< 25	ug/kg	19	59	1	8260B	10/22/2004	CJR	1
Toluene	< 25	ug/kg	5.5	18	1	8260B	10/22/2004	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	13	41	1	8260B	10/22/2004	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	10/22/2004	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	6.8	22	1	8260B	10/22/2004	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	8.7	28	1	8260B	10/22/2004	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	13	40	1	8260B	10/22/2004	CJR	1
Trichlorofluoromethane	< 25	ug/kg	6	19	1	8260B	10/22/2004	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	8.6	27	1	8260B	10/22/2004	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.8	12	1	8260B	10/22/2004	CJR	1
Vinyl Chloride	< 25	ug/kg	9.6	31	1	8260B	10/22/2004	CJR	1

Project Name COWA-100 & 700 SITES **Invoice #** E11158
Project #

Lab Code 5011158C
Sample ID SB-13, 0.5-1.0
Sample Matrix Soil
Sample Date 10/19/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
m&p-Xylene	< 50	ug/kg	16	52	1	8260B	10/22/2004	CJR	1
o-Xylene	< 25	ug/kg	7.9	25	1	8260B	10/22/2004	CJR	1

Lab Code 5011158D
Sample ID SB-20, 3.5-4.0
Sample Matrix Soil
Sample Date 10/19/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	83.5	%			1	5021	10/21/2004	CJR	1
Organic									
General									
Diesel Range Organics	< 10	mg/kg	0.72	2.3	1	DRO95	10/23/2004	MJR	1
VOC's									
Benzene	< 25	ug/kg	6.6	21	1	8260B	10/26/2004	CJR	1
Bromobenzene	< 25	ug/kg	11	35	1	8260B	10/26/2004	CJR	1
Bromodichloromethane	< 25	ug/kg	8.5	27	1	8260B	10/26/2004	CJR	1
Bromoform	< 25	ug/kg	19	60	1	8260B	10/26/2004	CJR	1
tert-Butylbenzene	< 25	ug/kg	11	35	1	8260B	10/26/2004	CJR	1
sec-Butylbenzene	< 25	ug/kg	12	37	1	8260B	10/26/2004	CJR	1
n-Butylbenzene	< 25	ug/kg	6.7	21	1	8260B	10/26/2004	CJR	1
Carbon Tetrachloride	< 25	ug/kg	8.3	26	1	8260B	10/26/2004	CJR	1
Chlorobenzene	< 25	ug/kg	7.5	24	1	8260B	10/26/2004	CJR	1
Chloroethane	< 25	ug/kg	10	32	1	8260B	10/26/2004	CJR	1
Chloroform	< 25	ug/kg	13	41	1	8260B	10/26/2004	CJR	1
Chloromethane	< 25	ug/kg	15	49	1	8260B	10/26/2004	CJR	1
2-Chlorotoluene	< 25	ug/kg	9.5	30	1	8260B	10/26/2004	CJR	1
4-Chlorotoluene	< 25	ug/kg	7.3	23	1	8260B	10/26/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	24	75	1	8260B	10/26/2004	CJR	1
Dibromochloromethane	< 25	ug/kg	7.1	23	1	8260B	10/26/2004	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	8.9	28	1	8260B	10/26/2004	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	10/26/2004	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	11	34	1	8260B	10/26/2004	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	7	22	1	8260B	10/26/2004	CJR	4
1,2-Dichloroethane	< 25	ug/kg	13	40	1	8260B	10/26/2004	CJR	1
1,1-Dichloroethane	< 25	ug/kg	11	34	1	8260B	10/26/2004	CJR	1
1,1-Dichloroethene	< 25	ug/kg	9.9	32	1	8260B	10/26/2004	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	20	65	1	8260B	10/26/2004	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	12	38	1	8260B	10/26/2004	CJR	1
1,2-Dichloropropane	< 25	ug/kg	5.4	17	1	8260B	10/26/2004	CJR	1
2,2-Dichloropropane	< 25	ug/kg	14	45	1	8260B	10/26/2004	CJR	1
1,3-Dichloropropane	< 25	ug/kg	10	32	1	8260B	10/26/2004	CJR	1
Di-isopropyl ether	< 25	ug/kg	5.9	19	1	8260B	10/26/2004	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	12	40	1	8260B	10/26/2004	CJR	1
Ethylbenzene	< 25	ug/kg	6.2	20	1	8260B	10/26/2004	CJR	1
Hexachlorobutadiene	< 25	ug/kg	17	55	1	8260B	10/26/2004	CJR	1
Isopropylbenzene	< 25	ug/kg	5.9	19	1	8260B	10/26/2004	CJR	1
p-Isopropyltoluene	< 25	ug/kg	6.1	19	1	8260B	10/26/2004	CJR	1
Methylene chloride	52	ug/kg	11	36	1	8260B	10/26/2004	CJR	1 42
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.7	28	1	8260B	10/26/2004	CJR	1
Naphthalene	< 25	ug/kg	7.8	25	1	8260B	10/26/2004	CJR	1
n-Propylbenzene	< 25	ug/kg	5.6	18	1	8260B	10/26/2004	CJR	1

Project Name COWA-100 & 700 SITES **Invoice #** E11158
Proiect #

Lab Code 5011158D
Sample ID SB-20, 3.5-4.0
Sample Matrix Soil
Sample Date 10/19/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
1,1,2,2-Tetrachloroethane	< 25	ug/kg	7.4	23	1	8260B	10/26/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 25	ug/kg	17	55	1	8260B	10/26/2004	CJR	1
Tetrachloroethene	< 25	ug/kg	19	59	1	8260B	10/26/2004	CJR	1
Toluene	< 25	ug/kg	5.5	18	1	8260B	10/26/2004	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	13	41	1	8260B	10/26/2004	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	10/26/2004	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	6.8	22	1	8260B	10/26/2004	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	8.7	28	1	8260B	10/26/2004	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	13	40	1	8260B	10/26/2004	CJR	1
Trichlorofluoromethane	< 25	ug/kg	6	19	1	8260B	10/26/2004	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	8.6	27	1	8260B	10/26/2004	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.8	12	1	8260B	10/26/2004	CJR	1
Vinyl Chloride	< 25	ug/kg	9.6	31	1	8260B	10/26/2004	CJR	1
m&p-Xylene	< 50	ug/kg	16	52	1	8260B	10/26/2004	CJR	1
o-Xylene	< 25	ug/kg	7.9	25	1	8260B	10/26/2004	CJR	1

Lab Code 5011158E
Sample ID SB-20, 5-6
Sample Matrix Soil
Sample Date 10/19/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	70.2	%			1	5021	10/26/2004	MJR	1
Inorganic									
Metals									
Arsenic, Total	1.9	mg/kg	0.72		1	EPA 6010B	11/10/2004	ESC	1
Barium, Total	120	mg/kg	0.36		1	EPA 6010B	11/6/2004	ESC	1
Cadmium, Total	1.2	mg/kg	0.36		1	EPA 6010B	11/6/2004	ESC	1
Chromium, Total	32	mg/kg	0.72		1	EPA 6010B	11/6/2004	ESC	1
Lead, Total	14	mg/kg	0.36		1	EPA 6010B	11/10/2004	ESC	1
Mercury, Total	0.039	mg/kg	0.029		1	7471	10/29/2004	ESC	1
Selenium, Total	< 0.72	mg/kg	0.72		1	EPA 6010B	11/10/2004	ESC	1
Silver, Total	0.36	mg/kg	0.36		1	EPA 6010B	11/10/2004	ESC	1
Organic									
PAH's									
Acenaphthene	< 41	ug/kg	41	130	1	M8270	11/1/2004	MJR	1
Acenaphthylene	< 42	ug/kg	42	130	1	M8270	11/1/2004	MJR	1
Anthracene	< 34	ug/kg	34	110	1	M8270	11/1/2004	MJR	1
Benzo(a)anthracene	< 54	ug/kg	54	170	1	M8270	11/1/2004	MJR	1
Benzo(a)pyrene	< 59	ug/kg	59	190	1	M8270	11/1/2004	MJR	1
Benzo(b)fluoranthene	< 42	ug/kg	42	130	1	M8270	11/1/2004	MJR	1
Benzo(g,h,i)perylene	< 82	ug/kg	82	260	1	M8270	11/1/2004	MJR	1
Benzo(k)fluoranthene	< 79	ug/kg	79	250	1	M8270	11/1/2004	MJR	1
Chrysene	< 38	ug/kg	38	120	1	M8270	11/1/2004	MJR	1
Dibenzo(a,h)anthracene	< 76	ug/kg	76	240	1	M8270	11/1/2004	MJR	1
Fluoranthene	< 42	ug/kg	42	130	1	M8270	11/1/2004	MJR	1
Fluorene	< 41	ug/kg	41	130	1	M8270	11/1/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 69	ug/kg	69	220	1	M8270	11/1/2004	MJR	1
1-Methyl naphthalene	< 37	ug/kg	37	120	1	M8270	11/1/2004	MJR	1
2-Methyl naphthalene	< 72	ug/kg	72	230	1	M8270	11/1/2004	MJR	1
Naphthalene	< 40	ug/kg	40	130	1	M8270	11/1/2004	MJR	1
Phenanthrene	< 20	ug/kg	20	62	1	M8270	11/1/2004	MJR	1

Project Name COWA-100 & 700 SITES **Invoice #** E11158
Proiect #

Lab Code 5011158E
Sample ID SB-20, 5-6
Sample Matrix Soil
Sample Date 10/19/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Pyrene	< 58	ug/kg	58	190	1	M8270	11/1/2004	MJR	1

Lab Code 5011158F
Sample ID SB-21, 2.5-4.0
Sample Matrix Soil
Sample Date 10/19/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	86.3	%			1	5021	10/21/2004	CJR	1
Organic									
General									
Diesel Range Organics	< 10	mg/kg	0.72	2.3	1	DRO95	10/23/2004	MJR	1
VOC's									
Benzene	< 25	ug/kg	6.6	21	1	8260B	10/26/2004	CJR	1
Bromobenzene	< 25	ug/kg	11	35	1	8260B	10/26/2004	CJR	1
Bromodichloromethane	< 25	ug/kg	8.5	27	1	8260B	10/26/2004	CJR	1
Bromoform	< 25	ug/kg	19	60	1	8260B	10/26/2004	CJR	1
tert-Butylbenzene	< 25	ug/kg	11	35	1	8260B	10/26/2004	CJR	1
sec-Butylbenzene	< 25	ug/kg	12	37	1	8260B	10/26/2004	CJR	1
n-Butylbenzene	< 25	ug/kg	6.7	21	1	8260B	10/26/2004	CJR	1
Carbon Tetrachloride	< 25	ug/kg	8.3	26	1	8260B	10/26/2004	CJR	1
Chlorobenzene	< 25	ug/kg	7.5	24	1	8260B	10/26/2004	CJR	1
Chloroethane	< 25	ug/kg	10	32	1	8260B	10/26/2004	CJR	1
Chloroform	< 25	ug/kg	13	41	1	8260B	10/26/2004	CJR	1
Chloromethane	< 25	ug/kg	15	49	1	8260B	10/26/2004	CJR	1
2-Chlorotoluene	< 25	ug/kg	9.5	30	1	8260B	10/26/2004	CJR	1
4-Chlorotoluene	< 25	ug/kg	7.3	23	1	8260B	10/26/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	24	75	1	8260B	10/26/2004	CJR	1
Dibromochloromethane	< 25	ug/kg	7.1	23	1	8260B	10/26/2004	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	8.9	28	1	8260B	10/26/2004	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	10/26/2004	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	11	34	1	8260B	10/26/2004	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	7	22	1	8260B	10/26/2004	CJR	4
1,2-Dichloroethane	< 25	ug/kg	13	40	1	8260B	10/26/2004	CJR	1
1,1-Dichloroethane	< 25	ug/kg	11	34	1	8260B	10/26/2004	CJR	1
1,1-Dichloroethene	< 25	ug/kg	9.9	32	1	8260B	10/26/2004	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	20	65	1	8260B	10/26/2004	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	12	38	1	8260B	10/26/2004	CJR	1
1,2-Dichloropropane	< 25	ug/kg	5.4	17	1	8260B	10/26/2004	CJR	1
2,2-Dichloropropane	< 25	ug/kg	14	45	1	8260B	10/26/2004	CJR	1
1,3-Dichloropropane	< 25	ug/kg	10	32	1	8260B	10/26/2004	CJR	1
Di-isopropyl ether	< 25	ug/kg	5.9	19	1	8260B	10/26/2004	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	12	40	1	8260B	10/26/2004	CJR	1
Ethylbenzene	< 25	ug/kg	6.2	20	1	8260B	10/26/2004	CJR	1
Hexachlorobutadiene	< 25	ug/kg	17	55	1	8260B	10/26/2004	CJR	1
Isopropylbenzene	< 25	ug/kg	5.9	19	1	8260B	10/26/2004	CJR	1
p-Isopropyltoluene	< 25	ug/kg	6.1	19	1	8260B	10/26/2004	CJR	1
Methylene chloride	56	ug/kg	11	36	1	8260B	10/26/2004	CJR	1 42
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.7	28	1	8260B	10/26/2004	CJR	1
Naphthalene	< 25	ug/kg	7.8	25	1	8260B	10/26/2004	CJR	1
n-Propylbenzene	< 25	ug/kg	5.6	18	1	8260B	10/26/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	7.4	23	1	8260B	10/26/2004	CJR	1

Project Name COWA-100 & 700 SITES **Invoice #** E11158
Project #

Lab Code 5011158F
Sample ID SB-21, 2.5-4.0
Sample Matrix Soil
Sample Date 10/19/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
1,1,1,2-Tetrachloroethane	< 25	ug/kg	17	55	1	8260B	10/26/2004	CJR	1
Tetrachloroethene	< 25	ug/kg	19	59	1	8260B	10/26/2004	CJR	1
Toluene	< 25	ug/kg	5.5	18	1	8260B	10/26/2004	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	13	41	1	8260B	10/26/2004	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	10/26/2004	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	6.8	22	1	8260B	10/26/2004	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	8.7	28	1	8260B	10/26/2004	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	13	40	1	8260B	10/26/2004	CJR	1
Trichlorofluoromethane	< 25	ug/kg	6	19	1	8260B	10/26/2004	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	8.6	27	1	8260B	10/26/2004	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.8	12	1	8260B	10/26/2004	CJR	1
Vinyl Chloride	< 25	ug/kg	9.6	31	1	8260B	10/26/2004	CJR	1
m&p-Xylene	< 50	ug/kg	16	52	1	8260B	10/26/2004	CJR	1
o-Xylene	< 25	ug/kg	7.9	25	1	8260B	10/26/2004	CJR	1

Lab Code 5011158G
Sample ID W-8, 2.5-4.5
Sample Matrix Soil
Sample Date 10/19/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	83.3	%			1	5021	10/21/2004	CJR	1
Organic									
General									
Diesel Range Organics	1300	mg/kg	7.2	23	20	DRO95	10/23/2004	MJR	1 43
VOC's									
Benzene	59	ug/kg	6.6	21	1	8260B	10/22/2004	CJR	1
Bromobenzene	< 25	ug/kg	11	35	1	8260B	10/22/2004	CJR	1
Bromodichloromethane	< 25	ug/kg	8.5	27	1	8260B	10/22/2004	CJR	1
Bromoform	< 25	ug/kg	19	60	1	8260B	10/22/2004	CJR	1
tert-Butylbenzene	< 25	ug/kg	11	35	1	8260B	10/22/2004	CJR	1
sec-Butylbenzene	< 25	ug/kg	12	37	1	8260B	10/22/2004	CJR	1
n-Butylbenzene	27	ug/kg	6.7	21	1	8260B	10/22/2004	CJR	1
Carbon Tetrachloride	< 25	ug/kg	8.3	26	1	8260B	10/22/2004	CJR	1
Chlorobenzene	< 25	ug/kg	7.5	24	1	8260B	10/22/2004	CJR	1
Chloroethane	< 25	ug/kg	10	32	1	8260B	10/22/2004	CJR	1
Chloroform	< 25	ug/kg	13	41	1	8260B	10/22/2004	CJR	1
Chloromethane	< 25	ug/kg	15	49	1	8260B	10/22/2004	CJR	1
2-Chlorotoluene	< 25	ug/kg	9.5	30	1	8260B	10/22/2004	CJR	1
4-Chlorotoluene	< 25	ug/kg	7.3	23	1	8260B	10/22/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	24	75	1	8260B	10/22/2004	CJR	1
Dibromochloromethane	< 25	ug/kg	7.1	23	1	8260B	10/22/2004	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	8.9	28	1	8260B	10/22/2004	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	10/22/2004	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	11	34	1	8260B	10/22/2004	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	7	22	1	8260B	10/22/2004	CJR	1
1,2-Dichloroethane	< 25	ug/kg	13	40	1	8260B	10/22/2004	CJR	1
1,1-Dichloroethane	< 25	ug/kg	11	34	1	8260B	10/22/2004	CJR	1
1,1-Dichloroethene	< 25	ug/kg	9.9	32	1	8260B	10/22/2004	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	20	65	1	8260B	10/22/2004	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	12	38	1	8260B	10/22/2004	CJR	1
1,2-Dichloropropane	< 25	ug/kg	5.4	17	1	8260B	10/22/2004	CJR	1

Project Name COWA-100 & 700 SITES **Invoice #** E11158
Project #

Lab Code 5011158G
Sample ID W-8, 2.5-4.5
Sample Matrix Soil
Sample Date 10/19/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
2,2-Dichloropropane	< 25	ug/kg	14	45	1	8260B	10/22/2004	CJR	1
1,3-Dichloropropane	< 25	ug/kg	10	32	1	8260B	10/22/2004	CJR	1
Di-isopropyl ether	< 25	ug/kg	5.9	19	1	8260B	10/22/2004	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	12	40	1	8260B	10/22/2004	CJR	1
Ethylbenzene	< 25	ug/kg	6.2	20	1	8260B	10/22/2004	CJR	1
Hexachlorobutadiene	< 25	ug/kg	17	55	1	8260B	10/22/2004	CJR	1
Isopropylbenzene	< 25	ug/kg	5.9	19	1	8260B	10/22/2004	CJR	1
p-Isopropyltoluene	< 25	ug/kg	6.1	19	1	8260B	10/22/2004	CJR	1
Methylene chloride	< 25	ug/kg	11	36	1	8260B	10/22/2004	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.7	28	1	8260B	10/22/2004	CJR	1
Naphthalene	57	ug/kg	7.8	25	1	8260B	10/22/2004	CJR	1
n-Propylbenzene	< 25	ug/kg	5.6	18	1	8260B	10/22/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	7.4	23	1	8260B	10/22/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 25	ug/kg	17	55	1	8260B	10/22/2004	CJR	1
Tetrachloroethene	< 25	ug/kg	19	59	1	8260B	10/22/2004	CJR	1
Toluene	33	ug/kg	5.5	18	1	8260B	10/22/2004	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	13	41	1	8260B	10/22/2004	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	10/22/2004	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	6.8	22	1	8260B	10/22/2004	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	8.7	28	1	8260B	10/22/2004	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	13	40	1	8260B	10/22/2004	CJR	1
Trichlorofluoromethane	< 25	ug/kg	6	19	1	8260B	10/22/2004	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	8.6	27	1	8260B	10/22/2004	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.8	12	1	8260B	10/22/2004	CJR	1
Vinyl Chloride	< 25	ug/kg	9.6	31	1	8260B	10/22/2004	CJR	1
m&p-Xylene	< 50	ug/kg	16	52	1	8260B	10/22/2004	CJR	1
o-Xylene	< 25	ug/kg	7.9	25	1	8260B	10/22/2004	CJR	1

Lab Code 5011158H
Sample ID W-9, 3.5-4.5
Sample Matrix Soil
Sample Date 10/19/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	78.6	%			1	5021	10/26/2004	MJR	1
Organic									
General									
Diesel Range Organics	71	mg/kg	0.72	2.3	1	DRO95	10/24/2004	MJR	1 43
PAH's									
Acenaphthene	< 41	ug/kg	41	130	1	M8270	11/1/2004	MJR	1
Acenaphthylene	< 42	ug/kg	42	130	1	M8270	11/1/2004	MJR	1
Anthracene	< 34	ug/kg	34	110	1	M8270	11/1/2004	MJR	1
Benzo(a)anthracene	< 54	ug/kg	54	170	1	M8270	11/1/2004	MJR	1
Benzo(a)pyrene	< 59	ug/kg	59	190	1	M8270	11/1/2004	MJR	1
Benzo(b)fluoranthene	< 42	ug/kg	42	130	1	M8270	11/1/2004	MJR	1
Benzo(g,h,i)perylene	< 82	ug/kg	82	260	1	M8270	11/1/2004	MJR	1
Benzo(k)fluoranthene	< 79	ug/kg	79	250	1	M8270	11/1/2004	MJR	1
Chrysene	< 38	ug/kg	38	120	1	M8270	11/1/2004	MJR	1
Dibenzo(a,h)anthracene	< 76	ug/kg	76	240	1	M8270	11/1/2004	MJR	1
Fluoranthene	64 "J"	ug/kg	42	130	1	M8270	11/1/2004	MJR	1
Fluorene	< 41	ug/kg	41	130	1	M8270	11/1/2004	MJR	1
Indeno(1,2,3-cd)pyrene	< 69	ug/kg	69	220	1	M8270	11/1/2004	MJR	1

Project Name COWA-100 & 700 SITES **Invoice #** E11158
Proiect #

Lab Code 5011158H
Sample ID W-9, 3.5-4.5
Sample Matrix Soil
Sample Date 10/19/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
1-Methyl naphthalene	< 37	ug/kg	37	120	1	M8270	11/1/2004	MJR	1
2-Methyl naphthalene	< 72	ug/kg	72	230	1	M8270	11/1/2004	MJR	1
Naphthalene	< 40	ug/kg	40	130	1	M8270	11/1/2004	MJR	1
Phenanthrene	48 "J"	ug/kg	20	62	1	M8270	11/1/2004	MJR	1
Pyrene	71 "J"	ug/kg	58	190	1	M8270	11/1/2004	MJR	1
VOC's									
Benzene	< 25	ug/kg	6.6	21	1	8260B	10/26/2004	CJR	1
Bromobenzene	< 25	ug/kg	11	35	1	8260B	10/26/2004	CJR	1
Bromodichloromethane	< 25	ug/kg	8.5	27	1	8260B	10/26/2004	CJR	1
Bromoform	< 25	ug/kg	19	60	1	8260B	10/26/2004	CJR	1
tert-Butylbenzene	< 25	ug/kg	11	35	1	8260B	10/26/2004	CJR	1
sec-Butylbenzene	< 25	ug/kg	12	37	1	8260B	10/26/2004	CJR	1
n-Butylbenzene	< 25	ug/kg	6.7	21	1	8260B	10/26/2004	CJR	1
Carbon Tetrachloride	< 25	ug/kg	8.3	26	1	8260B	10/26/2004	CJR	1
Chlorobenzene	< 25	ug/kg	7.5	24	1	8260B	10/26/2004	CJR	1
Chloroethane	< 25	ug/kg	10	32	1	8260B	10/26/2004	CJR	1
Chloroform	< 25	ug/kg	13	41	1	8260B	10/26/2004	CJR	1
Chloromethane	< 25	ug/kg	15	49	1	8260B	10/26/2004	CJR	1
2-Chlorotoluene	< 25	ug/kg	9.5	30	1	8260B	10/26/2004	CJR	1
4-Chlorotoluene	< 25	ug/kg	7.3	23	1	8260B	10/26/2004	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	24	75	1	8260B	10/26/2004	CJR	1
Dibromochloromethane	< 25	ug/kg	7.1	23	1	8260B	10/26/2004	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	8.9	28	1	8260B	10/26/2004	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	10/26/2004	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	11	34	1	8260B	10/26/2004	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	7	22	1	8260B	10/26/2004	CJR	4
1,2-Dichloroethane	< 25	ug/kg	13	40	1	8260B	10/26/2004	CJR	1
1,1-Dichloroethane	< 25	ug/kg	11	34	1	8260B	10/26/2004	CJR	1
1,1-Dichloroethene	< 25	ug/kg	9.9	32	1	8260B	10/26/2004	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	20	65	1	8260B	10/26/2004	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	12	38	1	8260B	10/26/2004	CJR	1
1,2-Dichloropropane	< 25	ug/kg	5.4	17	1	8260B	10/26/2004	CJR	1
2,2-Dichloropropane	< 25	ug/kg	14	45	1	8260B	10/26/2004	CJR	1
1,3-Dichloropropane	< 25	ug/kg	10	32	1	8260B	10/26/2004	CJR	1
Di-isopropyl ether	< 25	ug/kg	5.9	19	1	8260B	10/26/2004	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	12	40	1	8260B	10/26/2004	CJR	1
Ethylbenzene	< 25	ug/kg	6.2	20	1	8260B	10/26/2004	CJR	1
Hexachlorobutadiene	< 25	ug/kg	17	55	1	8260B	10/26/2004	CJR	1
Isopropylbenzene	< 25	ug/kg	5.9	19	1	8260B	10/26/2004	CJR	1
p-Isopropyltoluene	< 25	ug/kg	6.1	19	1	8260B	10/26/2004	CJR	1
Methylene chloride	47	ug/kg	11	36	1	8260B	10/26/2004	CJR	1 42
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.7	28	1	8260B	10/26/2004	CJR	1
Naphthalene	< 25	ug/kg	7.8	25	1	8260B	10/26/2004	CJR	1
n-Propylbenzene	< 25	ug/kg	5.6	18	1	8260B	10/26/2004	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	7.4	23	1	8260B	10/26/2004	CJR	1
1,1,1,2-Tetrachloroethane	< 25	ug/kg	17	55	1	8260B	10/26/2004	CJR	1
Tetrachloroethene	< 25	ug/kg	19	59	1	8260B	10/26/2004	CJR	1
Toluene	43	ug/kg	5.5	18	1	8260B	10/26/2004	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	13	41	1	8260B	10/26/2004	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	10/26/2004	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	6.8	22	1	8260B	10/26/2004	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	8.7	28	1	8260B	10/26/2004	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	13	40	1	8260B	10/26/2004	CJR	1
Trichlorofluoromethane	< 25	ug/kg	6	19	1	8260B	10/26/2004	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	8.6	27	1	8260B	10/26/2004	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.8	12	1	8260B	10/26/2004	CJR	1

Project Name COWA-100 & 700 SITES **Invoice #** E11158
Project #

Lab Code 5011158H
Sample ID W-9, 3.5-4.5
Sample Matrix Soil
Sample Date 10/19/2004

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Vinyl Chloride	< 25	ug/kg	9.6	31	1	8260B	10/26/2004	CJR	1
m&p-Xylene	< 50	ug/kg	16	52	1	8260B	10/26/2004	CJR	1
o-Xylene	< 25	ug/kg	7.9	25	1	8260B	10/26/2004	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.
4	The continuing calibration standard not within established limits.
42	Result reported possibly due to laboratory contamination.
43	Oil contamination indicated outside DRO window.

Authorized Signature Michael J. Ricker

HAIN C. CUSTODY RECORD

Synergy Environmental Lab, LLC.

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

Chain # Nº 3274

Page 1 of 1

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

ɔ I.D. #	
ɔount No. :	**Quote No.:**
ɔject #:	
mpler: (signature)	Jeff Hosler
ɔject (Name / Location):	COWA - 100 & 700 SITES
ports To: JEFF HOSLER	Invoice To:
mpany TEMCO	Company CITY OF WEST ALLIS
dress P.O.BOX 856	Address 7525 W. GREENFIELD AVE.
y State Zip CEDARBURG WI 53012	City State Zip WEST ALLIS, WI 53214
one 262-675-6206	Phone
X 262-675-6170	FAX

Analysis Requested

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	PVOC (EPA 8021)	VOC (EPA 8260)	VOC DW (EPA 524.2)	PAH (EPA 8270)	Total Suspended Solids	Lead	Other Analysis: RCRA METALS	PID/ FID
0711 58A	SB-8 5.5-6.5	10/19		100		N	2	S	—	✓			✓						
" B	SB-9 4-6	"		100	"	"	3	"	METH	✓			✓						
" C	SB-13 0.5-1.0	"		100	"	"	3	"	"	✓			✓						
" D	SB-20 3.5-4.0	"		705	"	"	3	"	"	✓			✓						
" E	SB-20 5-6	"		705	"	"	2	"	—						✓		✓		
" F	SB-21 2.5-4.0	"		705	"	"	3	"	METH	✓			✓						
" G	W-8 2.5-4.5	"		70189	"	"	3	"	"	✓			✓						
" H	W-9 3.5-4.5	"		70189	"	"	3	"	"	✓			✓		✓				

omments/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: Fedex
Temp. of Temp. Blank. ____ °C On Ice: ✓
ooler seal intact upon receipt: ✓ Yes ____ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
Jeff Hosler		20OCT04		4:00	10/20

Received in Laboratory By: _____ Time: 8:00 AM Date: 10/21/04

Synergy Environmental Lab, LLC

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

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

Report Date *18-Jan-05*

Project Name COWA-700 SITES **Invoice #** E11335
Proiect #

Lab Code 5011335A
Sample ID SB-23 0.5-1.5
Sample Matrix Soil
Sample Date 1/5/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	88.6	%			1	5021	1/14/2005	MJR	1
Organic									
PAH's									
Acenaphthene	< 41	ug/kg	41	130	1	8270C	1/14/2005	MJR	1
Acenaphthylene	< 42	ug/kg	42	130	1	8270C	1/14/2005	MJR	1
Anthracene	< 34	ug/kg	34	110	1	8270C	1/14/2005	MJR	1
Benzo(a)anthracene	71 "J"	ug/kg	54	170	1	8270C	1/14/2005	MJR	1
Benzo(a)pyrene	64 "J"	ug/kg	59	190	1	8270C	1/14/2005	MJR	1
Benzo(b)fluoranthene	96 "J"	ug/kg	42	130	1	8270C	1/14/2005	MJR	1
Benzo(g,h,i)perylene	< 82	ug/kg	82	260	1	8270C	1/14/2005	MJR	1
Benzo(k)fluoranthene	< 79	ug/kg	79	250	1	8270C	1/14/2005	MJR	1
Chrysene	102 "J"	ug/kg	38	120	1	8270C	1/14/2005	MJR	1
Dibenzo(a,h)anthracene	< 76	ug/kg	76	240	1	8270C	1/14/2005	MJR	1
Fluoranthene	134	ug/kg	42	130	1	8270C	1/14/2005	MJR	1
Fluorene	< 41	ug/kg	41	130	1	8270C	1/14/2005	MJR	1
Indeno(1,2,3-cd)pyrene	< 69	ug/kg	69	220	1	8270C	1/14/2005	MJR	1
1-Methyl naphthalene	< 37	ug/kg	37	120	1	8270C	1/14/2005	MJR	1
2-Methyl naphthalene	< 72	ug/kg	72	230	1	8270C	1/14/2005	MJR	1
Naphthalene	< 40	ug/kg	40	130	1	8270C	1/14/2005	MJR	1
Phenanthrene	128	ug/kg	20	62	1	8270C	1/14/2005	MJR	1
Pyrene	143 "J"	ug/kg	58	190	1	8270C	1/14/2005	MJR	1
VOC's									
Benzene	< 25	ug/kg	6.6	21	1	8260B	1/10/2005	CJR	1
Bromobenzene	< 25	ug/kg	11	35	1	8260B	1/10/2005	CJR	1
Bromodichloromethane	< 25	ug/kg	8.5	27	1	8260B	1/10/2005	CJR	1
Bromoform	< 25	ug/kg	19	60	1	8260B	1/10/2005	CJR	1
tert-Butylbenzene	< 25	ug/kg	11	35	1	8260B	1/10/2005	CJR	1
sec-Butylbenzene	< 25	ug/kg	12	37	1	8260B	1/10/2005	CJR	1

Project Name COWA-700 SITES **Invoice #** E11335
Project #

Lab Code 5011335A
Sample ID SB-23 0.5-1.5
Sample Matrix Soil
Sample Date 1/5/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
n-Butylbenzene	< 25	ug/kg	6.7	21	1	8260B	1/10/2005	CJR	1
Carbon Tetrachloride	< 25	ug/kg	8.3	26	1	8260B	1/10/2005	CJR	1
Chlorobenzene	< 25	ug/kg	7.5	24	1	8260B	1/10/2005	CJR	1
Chloroethane	< 25	ug/kg	10	32	1	8260B	1/10/2005	CJR	1
Chloroform	< 25	ug/kg	13	41	1	8260B	1/10/2005	CJR	1
Chloromethane	< 25	ug/kg	15	49	1	8260B	1/10/2005	CJR	1
2-Chlorotoluene	< 25	ug/kg	9.5	30	1	8260B	1/10/2005	CJR	1
4-Chlorotoluene	< 25	ug/kg	7.3	23	1	8260B	1/10/2005	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	24	75	1	8260B	1/10/2005	CJR	1
Dibromochloromethane	< 25	ug/kg	7.1	23	1	8260B	1/10/2005	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	8.9	28	1	8260B	1/10/2005	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	1/10/2005	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	11	34	1	8260B	1/10/2005	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	7	22	1	8260B	1/10/2005	CJR	1
1,2-Dichloroethane	< 25	ug/kg	13	40	1	8260B	1/10/2005	CJR	1
1,1-Dichloroethane	< 25	ug/kg	11	34	1	8260B	1/10/2005	CJR	1
1,1-Dichloroethene	< 25	ug/kg	9.9	32	1	8260B	1/10/2005	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	20	65	1	8260B	1/10/2005	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	12	38	1	8260B	1/10/2005	CJR	1
1,2-Dichloropropane	< 25	ug/kg	5.4	17	1	8260B	1/10/2005	CJR	1
2,2-Dichloropropane	< 25	ug/kg	14	45	1	8260B	1/10/2005	CJR	3 4
1,3-Dichloropropane	< 25	ug/kg	10	32	1	8260B	1/10/2005	CJR	1
Di-isopropyl ether	< 25	ug/kg	5.9	19	1	8260B	1/10/2005	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	12	40	1	8260B	1/10/2005	CJR	1
Ethylbenzene	< 25	ug/kg	6.2	20	1	8260B	1/10/2005	CJR	1
Hexachlorobutadiene	< 25	ug/kg	17	55	1	8260B	1/10/2005	CJR	1
Isopropylbenzene	< 25	ug/kg	5.9	19	1	8260B	1/10/2005	CJR	1
p-Isopropyltoluene	< 25	ug/kg	6.1	19	1	8260B	1/10/2005	CJR	3
Methylene chloride	< 25	ug/kg	11	36	1	8260B	1/10/2005	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.7	28	1	8260B	1/10/2005	CJR	1
Naphthalene	31	ug/kg	7.8	25	1	8260B	1/10/2005	CJR	1
n-Propylbenzene	< 25	ug/kg	5.6	18	1	8260B	1/10/2005	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	7.4	23	1	8260B	1/10/2005	CJR	1
1,1,1,2-Tetrachloroethane	< 25	ug/kg	17	55	1	8260B	1/10/2005	CJR	1
Tetrachloroethene	< 25	ug/kg	19	59	1	8260B	1/10/2005	CJR	1
Toluene	< 25	ug/kg	5.5	18	1	8260B	1/10/2005	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	13	41	1	8260B	1/10/2005	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	1/10/2005	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	6.8	22	1	8260B	1/10/2005	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	8.7	28	1	8260B	1/10/2005	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	13	40	1	8260B	1/10/2005	CJR	1
Trichlorofluoromethane	< 25	ug/kg	6	19	1	8260B	1/10/2005	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	8.6	27	1	8260B	1/10/2005	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.8	12	1	8260B	1/10/2005	CJR	1
Vinyl Chloride	< 25	ug/kg	9.6	31	1	8260B	1/10/2005	CJR	1
m&p-Xylene	< 50	ug/kg	16	52	1	8260B	1/10/2005	CJR	1
o-Xylene	< 25	ug/kg	7.9	25	1	8260B	1/10/2005	CJR	1

Project Name COWA-700 SITES **Invoice #** E11335
Project #

Lab Code 5011335B
Sample ID SB-23 7-8
Sample Matrix Soil
Sample Date 1/5/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	86.5	%			1	5021	1/14/2005	MJR	1
Organic									
General									
Diesel Range Organics	138	mg/kg	0.72	2.3	1	DRO95	1/7/2005	MJR	1 43
VOC's									
Benzene	< 25	ug/kg	6.6	21	1	8260B	1/10/2005	CJR	1
Bromobenzene	< 25	ug/kg	11	35	1	8260B	1/10/2005	CJR	1
Bromodichloromethane	< 25	ug/kg	8.5	27	1	8260B	1/10/2005	CJR	1
Bromoform	< 25	ug/kg	19	60	1	8260B	1/10/2005	CJR	1
tert-Butylbenzene	< 25	ug/kg	11	35	1	8260B	1/10/2005	CJR	1
sec-Butylbenzene	< 25	ug/kg	12	37	1	8260B	1/10/2005	CJR	1
n-Butylbenzene	< 25	ug/kg	6.7	21	1	8260B	1/10/2005	CJR	1
Carbon Tetrachloride	< 25	ug/kg	8.3	26	1	8260B	1/10/2005	CJR	1
Chlorobenzene	< 25	ug/kg	7.5	24	1	8260B	1/10/2005	CJR	1
Chloroethane	< 25	ug/kg	10	32	1	8260B	1/10/2005	CJR	1
Chloroform	< 25	ug/kg	13	41	1	8260B	1/10/2005	CJR	1
Chloromethane	< 25	ug/kg	15	49	1	8260B	1/10/2005	CJR	1
2-Chlorotoluene	< 25	ug/kg	9.5	30	1	8260B	1/10/2005	CJR	1
4-Chlorotoluene	< 25	ug/kg	7.3	23	1	8260B	1/10/2005	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	24	75	1	8260B	1/10/2005	CJR	1
Dibromochloromethane	< 25	ug/kg	7.1	23	1	8260B	1/10/2005	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	8.9	28	1	8260B	1/10/2005	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	1/10/2005	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	11	34	1	8260B	1/10/2005	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	7	22	1	8260B	1/10/2005	CJR	1
1,2-Dichloroethane	< 25	ug/kg	13	40	1	8260B	1/10/2005	CJR	1
1,1-Dichloroethane	< 25	ug/kg	11	34	1	8260B	1/10/2005	CJR	1
1,1-Dichloroethene	< 25	ug/kg	9.9	32	1	8260B	1/10/2005	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	20	65	1	8260B	1/10/2005	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	12	38	1	8260B	1/10/2005	CJR	1
1,2-Dichloropropane	< 25	ug/kg	5.4	17	1	8260B	1/10/2005	CJR	1
2,2-Dichloropropane	< 25	ug/kg	14	45	1	8260B	1/10/2005	CJR	3 4
1,3-Dichloropropane	< 25	ug/kg	10	32	1	8260B	1/10/2005	CJR	1
Di-isopropyl ether	< 25	ug/kg	5.9	19	1	8260B	1/10/2005	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	12	40	1	8260B	1/10/2005	CJR	1
Ethylbenzene	< 25	ug/kg	6.2	20	1	8260B	1/10/2005	CJR	1
Hexachlorobutadiene	< 25	ug/kg	17	55	1	8260B	1/10/2005	CJR	1
Isopropylbenzene	< 25	ug/kg	5.9	19	1	8260B	1/10/2005	CJR	1
p-Isopropyltoluene	< 25	ug/kg	6.1	19	1	8260B	1/10/2005	CJR	3
Methylene chloride	< 25	ug/kg	11	36	1	8260B	1/10/2005	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.7	28	1	8260B	1/10/2005	CJR	1
Naphthalene	< 25	ug/kg	7.8	25	1	8260B	1/10/2005	CJR	1
n-Propylbenzene	< 25	ug/kg	5.6	18	1	8260B	1/10/2005	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	7.4	23	1	8260B	1/10/2005	CJR	1
1,1,1,2-Tetrachloroethane	< 25	ug/kg	17	55	1	8260B	1/10/2005	CJR	1
Tetrachloroethene	< 25	ug/kg	19	59	1	8260B	1/10/2005	CJR	1
Toluene	< 25	ug/kg	5.5	18	1	8260B	1/10/2005	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	13	41	1	8260B	1/10/2005	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	1/10/2005	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	6.8	22	1	8260B	1/10/2005	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	8.7	28	1	8260B	1/10/2005	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	13	40	1	8260B	1/10/2005	CJR	1

Project Name COWA-700 SITES **Invoice #** E11335
Project #

Lab Code 5011335B
Sample ID SB-23 7-8
Sample Matrix Soil
Sample Date 1/5/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
Trichlorofluoromethane	< 25	ug/kg	6	19	1	8260B	1/10/2005	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	8.6	27	1	8260B	1/10/2005	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.8	12	1	8260B	1/10/2005	CJR	1
Vinyl Chloride	< 25	ug/kg	9.6	31	1	8260B	1/10/2005	CJR	1
m&p-Xylene	< 50	ug/kg	16	52	1	8260B	1/10/2005	CJR	1
o-Xylene	< 25	ug/kg	7.9	25	1	8260B	1/10/2005	CJR	1

Lab Code 5011335C
Sample ID SB-24 2.5-4
Sample Matrix Soil
Sample Date 1/5/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	88.7	%			1	5021	1/14/2005	MJR	1
Organic									
PAH's									
Acenaphthene	< 41	ug/kg	41	130	1	8270C	1/14/2005	MJR	1
Acenaphthylene	< 42	ug/kg	42	130	1	8270C	1/14/2005	MJR	1
Anthracene	96 "J"	ug/kg	34	110	1	8270C	1/14/2005	MJR	1
Benzo(a)anthracene	1520	ug/kg	54	170	1	8270C	1/14/2005	MJR	1
Benzo(a)pyrene	1500	ug/kg	59	190	1	8270C	1/14/2005	MJR	1
Benzo(b)fluoranthene	1860	ug/kg	42	130	1	8270C	1/14/2005	MJR	1
Benzo(g,h,i)perylene	378	ug/kg	82	260	1	8270C	1/14/2005	MJR	1
Benzo(k)fluoranthene	1250	ug/kg	79	250	1	8270C	1/14/2005	MJR	1
Chrysene	1800	ug/kg	38	120	1	8270C	1/14/2005	MJR	1
Dibenzo(a,h)anthracene	194 "J"	ug/kg	76	240	1	8270C	1/14/2005	MJR	1
Fluoranthene	1110	ug/kg	42	130	1	8270C	1/14/2005	MJR	1
Fluorene	< 41	ug/kg	41	130	1	8270C	1/14/2005	MJR	1
Indeno(1,2,3-cd)pyrene	413	ug/kg	69	220	1	8270C	1/14/2005	MJR	1
1-Methyl naphthalene	< 37	ug/kg	37	120	1	8270C	1/14/2005	MJR	1
2-Methyl naphthalene	< 72	ug/kg	72	230	1	8270C	1/14/2005	MJR	1
Naphthalene	47 "J"	ug/kg	40	130	1	8270C	1/14/2005	MJR	1
Phenanthrene	509	ug/kg	20	62	1	8270C	1/14/2005	MJR	1
Pyrene	1580	ug/kg	58	190	1	8270C	1/14/2005	MJR	1
VOC's									
Benzene	< 25	ug/kg	6.6	21	1	8260B	1/10/2005	CJR	1
Bromobenzene	< 25	ug/kg	11	35	1	8260B	1/10/2005	CJR	1
Bromodichloromethane	< 25	ug/kg	8.5	27	1	8260B	1/10/2005	CJR	1
Bromoform	< 25	ug/kg	19	60	1	8260B	1/10/2005	CJR	1
tert-Butylbenzene	< 25	ug/kg	11	35	1	8260B	1/10/2005	CJR	1
sec-Butylbenzene	450	ug/kg	12	37	1	8260B	1/10/2005	CJR	1
n-Butylbenzene	305	ug/kg	6.7	21	1	8260B	1/10/2005	CJR	1
Carbon Tetrachloride	< 25	ug/kg	8.3	26	1	8260B	1/10/2005	CJR	1
Chlorobenzene	< 25	ug/kg	7.5	24	1	8260B	1/10/2005	CJR	1
Chloroethane	< 25	ug/kg	10	32	1	8260B	1/10/2005	CJR	1
Chloroform	< 25	ug/kg	13	41	1	8260B	1/10/2005	CJR	1
Chloromethane	< 25	ug/kg	15	49	1	8260B	1/10/2005	CJR	1
2-Chlorotoluene	< 25	ug/kg	9.5	30	1	8260B	1/10/2005	CJR	1
4-Chlorotoluene	< 25	ug/kg	7.3	23	1	8260B	1/10/2005	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	24	75	1	8260B	1/10/2005	CJR	1
Dibromochloromethane	< 25	ug/kg	7.1	23	1	8260B	1/10/2005	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	8.9	28	1	8260B	1/10/2005	CJR	1

Project Name COWA-700 SITES **Invoice #** E11335
Project #

Lab Code 5011335C
Sample ID SB-24 2.5-4
Sample Matrix Soil
Sample Date 1/5/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
1,3-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	1/10/2005	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	11	34	1	8260B	1/10/2005	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	7	22	1	8260B	1/10/2005	CJR	1
1,2-Dichloroethane	< 25	ug/kg	13	40	1	8260B	1/10/2005	CJR	1
1,1-Dichloroethane	< 25	ug/kg	11	34	1	8260B	1/10/2005	CJR	1
1,1-Dichloroethene	< 25	ug/kg	9.9	32	1	8260B	1/10/2005	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	20	65	1	8260B	1/10/2005	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	12	38	1	8260B	1/10/2005	CJR	1
1,2-Dichloropropane	< 25	ug/kg	5.4	17	1	8260B	1/10/2005	CJR	1
2,2-Dichloropropane	< 25	ug/kg	14	45	1	8260B	1/10/2005	CJR	3 4
1,3-Dichloropropane	< 25	ug/kg	10	32	1	8260B	1/10/2005	CJR	1
Di-isopropyl ether	< 25	ug/kg	5.9	19	1	8260B	1/10/2005	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	12	40	1	8260B	1/10/2005	CJR	1
Ethylbenzene	61	ug/kg	6.2	20	1	8260B	1/10/2005	CJR	1
Hexachlorobutadiene	< 25	ug/kg	17	55	1	8260B	1/10/2005	CJR	1
Isopropylbenzene	270	ug/kg	5.9	19	1	8260B	1/10/2005	CJR	1
p-Isopropyltoluene	758	ug/kg	6.1	19	1	8260B	1/10/2005	CJR	3
Methylene chloride	< 25	ug/kg	11	36	1	8260B	1/10/2005	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.7	28	1	8260B	1/10/2005	CJR	1
Naphthalene	99	ug/kg	7.8	25	1	8260B	1/10/2005	CJR	1
n-Propylbenzene	589	ug/kg	5.6	18	1	8260B	1/10/2005	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	7.4	23	1	8260B	1/10/2005	CJR	1
1,1,1,2-Tetrachloroethane	< 25	ug/kg	17	55	1	8260B	1/10/2005	CJR	1
Tetrachloroethene	< 25	ug/kg	19	59	1	8260B	1/10/2005	CJR	1
Toluene	< 25	ug/kg	5.5	18	1	8260B	1/10/2005	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	13	41	1	8260B	1/10/2005	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	1/10/2005	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	6.8	22	1	8260B	1/10/2005	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	8.7	28	1	8260B	1/10/2005	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	13	40	1	8260B	1/10/2005	CJR	1
Trichlorofluoromethane	< 25	ug/kg	6	19	1	8260B	1/10/2005	CJR	1
1,2,4-Trimethylbenzene	8710	ug/kg	8.6	27	1	8260B	1/10/2005	CJR	1
1,3,5-Trimethylbenzene	424	ug/kg	3.8	12	1	8260B	1/10/2005	CJR	1
Vinyl Chloride	< 25	ug/kg	9.6	31	1	8260B	1/10/2005	CJR	1
m&p-Xylene	130	ug/kg	16	52	1	8260B	1/10/2005	CJR	1
o-Xylene	< 25	ug/kg	7.9	25	1	8260B	1/10/2005	CJR	1

Lab Code 5011335D
Sample ID SB-24 7-8
Sample Matrix Soil
Sample Date 1/5/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	83.6	%			1	5021	1/14/2005	MJR	1
Organic									
General									
Diesel Range Organics	< 10	mg/kg	0.72	2.3	1	DRO95	1/10/2005	MJR	1
VOC's									
Benzene	< 25	ug/kg	6.6	21	1	8260B	1/17/2005	CJR	1
Bromobenzene	< 25	ug/kg	11	35	1	8260B	1/17/2005	CJR	1
Bromodichloromethane	< 25	ug/kg	8.5	27	1	8260B	1/17/2005	CJR	1
Bromoform	< 25	ug/kg	19	60	1	8260B	1/17/2005	CJR	1

Project Name COWA-700 SITES **Invoice #** E11335
Project #

Lab Code 5011335D
Sample ID SB-24 7-8
Sample Matrix Soil
Sample Date 1/5/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
tert-Butylbenzene	< 25	ug/kg	11	35	1	8260B	1/17/2005	CJR	1
sec-Butylbenzene	< 25	ug/kg	12	37	1	8260B	1/17/2005	CJR	1
n-Butylbenzene	< 25	ug/kg	6.7	21	1	8260B	1/17/2005	CJR	1
Carbon Tetrachloride	< 25	ug/kg	8.3	26	1	8260B	1/17/2005	CJR	1
Chlorobenzene	< 25	ug/kg	7.5	24	1	8260B	1/17/2005	CJR	1
Chloroethane	< 25	ug/kg	10	32	1	8260B	1/17/2005	CJR	1
Chloroform	< 25	ug/kg	13	41	1	8260B	1/17/2005	CJR	1
Chloromethane	< 25	ug/kg	15	49	1	8260B	1/17/2005	CJR	1
2-Chlorotoluene	< 25	ug/kg	9.5	30	1	8260B	1/17/2005	CJR	1
4-Chlorotoluene	< 25	ug/kg	7.3	23	1	8260B	1/17/2005	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	24	75	1	8260B	1/17/2005	CJR	1
Dibromochloromethane	< 25	ug/kg	7.1	23	1	8260B	1/17/2005	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	8.9	28	1	8260B	1/17/2005	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	10	33	1	8260B	1/17/2005	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	11	34	1	8260B	1/17/2005	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	7	22	1	8260B	1/17/2005	CJR	1
1,2-Dichloroethane	< 25	ug/kg	13	40	1	8260B	1/17/2005	CJR	1
1,1-Dichloroethane	< 25	ug/kg	11	34	1	8260B	1/17/2005	CJR	1
1,1-Dichloroethene	< 25	ug/kg	9.9	32	1	8260B	1/17/2005	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	20	65	1	8260B	1/17/2005	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	12	38	1	8260B	1/17/2005	CJR	1
1,2-Dichloropropane	< 25	ug/kg	5.4	17	1	8260B	1/17/2005	CJR	1
2,2-Dichloropropane	< 25	ug/kg	14	45	1	8260B	1/17/2005	CJR	1
1,3-Dichloropropane	< 25	ug/kg	10	32	1	8260B	1/17/2005	CJR	1
Di-isopropyl ether	< 25	ug/kg	5.9	19	1	8260B	1/17/2005	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	12	40	1	8260B	1/17/2005	CJR	1
Ethylbenzene	< 25	ug/kg	6.2	20	1	8260B	1/17/2005	CJR	1
Hexachlorobutadiene	< 25	ug/kg	17	55	1	8260B	1/17/2005	CJR	1
Isopropylbenzene	< 25	ug/kg	5.9	19	1	8260B	1/17/2005	CJR	1
p-Isopropyltoluene	< 25	ug/kg	6.1	19	1	8260B	1/17/2005	CJR	1
Methylene chloride	< 25	ug/kg	11	36	1	8260B	1/17/2005	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.7	28	1	8260B	1/17/2005	CJR	1
Naphthalene	< 25	ug/kg	7.8	25	1	8260B	1/17/2005	CJR	1
n-Propylbenzene	< 25	ug/kg	5.6	18	1	8260B	1/17/2005	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	7.4	23	1	8260B	1/17/2005	CJR	1
1,1,1,2-Tetrachloroethane	< 25	ug/kg	17	55	1	8260B	1/17/2005	CJR	1
Tetrachloroethene	< 25	ug/kg	19	59	1	8260B	1/17/2005	CJR	1
Toluene	< 25	ug/kg	5.5	18	1	8260B	1/17/2005	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	13	41	1	8260B	1/17/2005	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	8.8	28	1	8260B	1/17/2005	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	6.8	22	1	8260B	1/17/2005	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	8.7	28	1	8260B	1/17/2005	CJR	1
Trichloroethene (TCE)	< 25	ug/kg	13	40	1	8260B	1/17/2005	CJR	1
Trichlorofluoromethane	< 25	ug/kg	6	19	1	8260B	1/17/2005	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	8.6	27	1	8260B	1/17/2005	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.8	12	1	8260B	1/17/2005	CJR	1
Vinyl Chloride	< 25	ug/kg	9.6	31	1	8260B	1/17/2005	CJR	1
m&p-Xylene	< 50	ug/kg	16	52	1	8260B	1/17/2005	CJR	1
o-Xylene	< 25	ug/kg	7.9	25	1	8260B	1/17/2005	CJR	1

Project Name COWA-700 SITES **Invoice #** E11335
Project #

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

Code	*Comment*
1	Laboratory QC within limits.
3	The matrix spike not within established limits.
4	The continuing calibration standard not within established limits.
43	Oil contamination indicated outside DRO window.

Authorized Signature Michael J. Ricker

CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, LLC.

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

Chain # Nº 3256

Page 1 of 1

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

Lab I.D. #

Account No. : | **Quote No.:**

Project #:

Sampler: (signature) J. Hosler

Project (Name / Location): COWA - 700 SITES

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

Analysis Requested

Other Analysis

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	PVOC (EPA 8021)	VOC (EPA 8260)	VOC DW (EPA 524.2)	PAH (EPA 8270)	Total Suspended Solids	Lead	PID/ FID
Soil 1335 A	SB-23 0.5-1.5	1-5				N	2	S	METH				✓		✓			
B	SB-23 7-8	"			"	"	3	"	"	✓			✓					
C	SB-24 2.5-4	"			"	"	2	"	"				✓		✓			
D	SB-24 7-8	"			"	"	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 : Driven
Temp. of Temp. Blank. ____ °C On Ice: X
Cooler seal intact upon receipt: Y Yes ____ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
J. Hosler		1-6-05			
		1-6-05			

Received in Laboratory By: [signature] Time: 9:00 Date: 1/7/05

Synergy Environmental Lab, LLC

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

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

Report Date *18-Apr-05*

Project Name
Project # COWA-705

Invoice # E11597

Lab Code 5011597A
Sample ID NEAR MW-6
Sample Matrix Soil
Sample Date 4/15/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	83.8	%			1	5021	4/16/2005	CJR	1
Organic									
General									
Gasoline Range Organics	110	mg/kg	3	9.5	1	GRO95/8021	4/16/2005	CJR	1

Lab Code 5011597B
Sample ID NEAR MW-9
Sample Matrix Soil
Sample Date 4/15/2005

	Result	Units	LOD	LOQ	Dil	Method	Run Date	Analyst	Code
General									
General									
Solids Percent	79.5	%			1	5021	4/16/2005	CJR	1
Organic									
General									
Gasoline Range Organics	66	mg/kg	3	9.5	1	GRO95/8021	4/16/2005	CJR	1

Project Name
Project # COWA-705

Invoice # E11597

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

Code	*Comment*
1	Laboratory QC within limits.

Authorized Signature Michael J. Ricker

CHAIN C. CUSTODY RECORD

Synergy Environmental Lab, LLC.

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

Chain # Nº 3255

Page 1 of 1

✓ Sample Handling Request 4/15/05
___ Rush Analysis Date Required ___
(Rushes accepted only with prior authorization)
___ Normal Turn Around

Lab I.D. #

Account No. : | Quote No.:

Project #:

Sampler: (signature) J K Hosler

Project (Name / Location): COWA - 705

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

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	PVOC (EPA 8021)	VOC (EPA 8260)	VOC DW (EPA 524.2)	PAH (EPA 8270)	Total Suspended Solids	Lead	Other Analysis	PID/ FID
501597-A	NEAR MW-6	4/15			✓	N	2	S	METH		✓								
B	NEAR MW-9	4/15			✓	N	2	S	METH		✓								

Analysis Requested

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

SEND INVOICE TO TEMCO - REPORT RESULTS TO JEFF HOSLER FRIDAY, 15 APR 05

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

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
J K Hosler	100	4/15/05			
				1:00	4/6/05

Received in Laboratory By: [signature] Time: 15:00 Date: 4/14/05

CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, LLC.

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

Chain # 3255

Page 1 of 1

✓ **Sample Handling Request** 4/15/05
___ Rush Analysis Date Required
(Rushes accepted only with prior authorization)
___ Normal Turn Around

Lab I.D. #	
Account No. :	Quote No.:
Project #:	
Sampler: (signature)	J K Hosler
Project (Name / Location):	COWA - 705

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

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	PVOC (EPA 8021)	VOC (EPA 8260)	VOC DW (EPA 524.2)	PAH (EPA 8270)	Total Suspended Solids	Lead	Other Analysis	PID/ FID
	NEAR MW-6	4/15			✓	H	2	S	METH		✓								
	NEAR MW-9	4/15			✓	H	2	S	METH		✓								

Analysis Requested

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

SEND INVOICE TO TEMCO - REPORT RESULTS TO JEFF HOSLER FRIDAY, 15 APR 05

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

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
J K Hosler	1:00	4/15/05		1:00	4/15/05

Received in Laboratory By: Time: Date:

APPENDIX B

SOIL BORING LOGS

State of Wisconsin
Department of Natural Resources

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

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

WTM 91 COORDINATES X = 683356, Y = 284300 Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
6 POINTS / FARMERS MARKET - PROP#		SB-20

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	10/19/2004 (m m d d y y y y)	10/19/2004 (m m d d y y y y)	DIRECT PUSH

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

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

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

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
0-4			1–3	BROWN & TAN, DRY TO DAMP, SILTY SAND & GRAVEL (FILL) CHANGING @ 3.0' BGS TO BLACK, MOIST TO WET, SAND CHANGING @ 3.5' BGS TO DARK GRAY, MOIST TO WET, SILTY CLAY (FILL)	GM / SP / CL									NO ODOR
4-8			4–8	DARK GRAY, MOIST, SILTY CLAY TO CLAYEY SILT CHANGING @ 5.0' BGS TO BLACK, CHANGING @ 6.0' BGS TO MOTTLED BROWN & GRAY, MOIST TO WET, SILTY CLAY	CL / ML / CL									NO ODOR
			8	BOTTOM OF BORING										
			9–12											

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

Signature: Jeff Hosler Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

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

State of Wisconsin
Department of Natural Resources

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

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

WTM 91 COORDINATES X = 683356, Y = 284300 Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
6 POINTS / FARMERS MARKET - PROP#	_ _ _ _ _ _ _ _	SB-21

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	10/19/2004 (m m / d d / y y y y)	10/19/2004 (m m / d d / y y y y)	DIRECT PUSH

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

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

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

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
0-4			1–12	4" CONCRETE, BROWN, DRY TO DAMP, SILTY SAND & GRAVEL FILL CHANGING @ 1.5' BGS TO BLACK, MOIST TO WET, SAND CHANGING @ 2.5' BGS TO BROWN, MOIST, SILTY CLAY	GM / SP / CL									NO ODOR
4-8				BOTTOM OF BORING										

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

Signature Joel Hosler Firm THE ENVIRONMENTAL MANAGEMENT CO LLC

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

State of Wisconsin
Department of Natural Resources

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

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

WTM 91 COORDINATES X=683356, Y=284300 Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
6 POINTS / FARMERS MARKET - PROP#	_____	SB-22

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	10/23/2004 (m m d d y y y y)	10/23/2004 (m m d d y y y y)	DIRECT PUSH

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

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

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

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
0-4			1-12	6" CONCRETE, CLAYEY GRAVEL CHANGING @ 1.0' BGS TO BLACK, MOIST, SAND CHANGING @ 2.0' BGS TO DARK GRAY, MOIST, SILTY CLAY WITH SOME SAND & FINE GRAVEL CHANGING TO MOTTLED BROWN & GRAY @ 3.0' BGS	GC/SP/CL									NO ODOR
4-8			5-8	AS ABOVE, WITH SEVERAL THIN GRAVELLY LENSES, BECOMING DENSE WITH DEPTH										SOLVENT ODOR
8-10			8-10	BROWN & GRAY, MOIST TO WET, VERY DENSE, SILTY CLAY										NO ODOR
			10	BOTTOM OF BORING										

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

Signature	Firm
JH Hosler	THE ENVIRONMENTAL MANAGEMENT CO LLC

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

State of Wisconsin
Department of Natural Resources

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

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

WTM 91 COORDINATES X = 683356, Y = 284300 Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
6 POINTS / FARMERS MARKET - PROP#	_ _ _ _ _ _ _ _	SB-23

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	01/05/2005 (m m d d y y y y)	01/05/2005 (m m d d y y y y)	DIRECT PUSH

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

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

Facility ID	County	County Code	Civil Town/City/ or Village
	MILWAUKEE	4 1	WEST ALLIS

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
4-0			1	6" CONCRETE, TAN, BROWN, GRAY & BLACK, DAMP TO MOIST, SILT-/ CLAY WITH SAND & GRAVEL & CLAYEY SAND & GRAVEL CHANGING @ 2.5' BGS TO BROWN, MOIST, SILTY CLAY	CL / GC / CL									NO ODOR
4-8			5	MOTTLED BROWN & GRAY, MOIST, SILTY CLAY WITH TRACE SAND & GRAVEL	CL									NO ODOR
			8	BOTTOM OF BORING										

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

Signature: JA Hosler Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

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

State of Wisconsin
Department of Natural Resources

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

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

WTM 91 COORDINATES X = 683356, Y = 284300 Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
6 POINTS / FARMERS MARKET - PROP#	_ _ _ _ _ _ _ _	SB-24

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: MORAINE ENVIRONMENTAL, INC.	01/05/2005 (m m d d y y y y)	01/05/2005 (m m d d y y y y)	DIRECT PUSH

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

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

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

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
0-4			1	6" CONCRETE, TAN, BROWN, GRAY & BLACK, DAMP, CLAYEY SAND & GRAVEL CHANGING AT 2.5' BGS TO MOTTLED BROWN & GRAY, MOIST, SILTY CLAY WITH TRACE SAND & GRAVEL & BLACK, WET, SILT	GC / CL / ML									NO ODOR
4-8			5	BROWN & GRAY, WET, SILTY CLAY	CL									NO ODOR
			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 JA Hosler Firm THE ENVIRONMENTAL MANAGEMENT CO LLC

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

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 3-95

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

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-20

County: MILWAUKEE

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

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

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

Civil Town Name

~~Street Address of Well~~ WTM 91 COORDINATES X=683356 Y=284300

City, Village: WEST ALLIS

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

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

WI Unique Well No.

Reason For Abandonment: SOIL BORING FOR PHASE II ESA

Date of Abandonment: 19OCT04

WELL/DRILLHOLE/BOREHOLE INFORMATION

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

(Date) 19OCT04

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify) DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 8.0 (From groundsurface)
Casing Diameter (in.) ___
Casing Depth (ft.) ___

Lower Drillhole Diameter (in.) 2.0

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

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

(7) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	8.0	1 SACK	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work: TEMCO

Signature of Person Doing Work: [signature] Date Signed: 21FEB05

Street or Route: P.O.BOX 856 Telephone Number: (262) 675-6206

City, State, Zip Code:

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

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 3-95

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

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-21

County: MILWAUKEE

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

(If applicable)

Gov't Lot ___ Grid Number ___

Grid Location

___ ft. ☐ N. ☐ S., ___ ft. ☐ E. ☐ W.

Civil Town Name

~~Street Address of Well~~

WTM 91 COORDINATES X=683356 Y=284300

City, Village: WEST ALLIS

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

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

WI Unique Well No. _ _ _ _ _ _

Reason For Abandonment: SOIL BORING FOR PHASE II ESA

Date of Abandonment: 19OCT04

WELL/DRILLHOLE/BOREHOLE INFORMATION

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

(Date): 19OCT04

☐ 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.): 4.0 (From groundsurface)

Casing Diameter (in.): ___

Casing Depth (ft.): ___

Lower Drillhole Diameter (in.): 2.0

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
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☐ Chipped Bentonite
☐ Bentonite Pellets
☑ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	4.0	1 SACK	

(8) Comments: ___

(9) Name of Person or Firm Doing Sealing Work: TEMCO

Signature of Person Doing Work: Jeff Hosler

Date Signed: 21FEB05

Street or Route: P.O. BOX 856

Telephone Number: (262) 675-6206

City, State, Zip Code: CEDARBURG WI 53012

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

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 3-95

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

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-24

County: MILWAUKEE

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

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

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

Civil Town Name

~~Street Address of Well~~ WTM 91 COORDINATES X=683356 Y=284300

City, Village: WEST ALLIS

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable) | WI Unique Well No.

Reason For Abandonment: SOIL BORING FOR PHASE II ESA

Date of Abandonment: 05JAN05

WELL/DRILLHOLE/BOREHOLE INFORMATION

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

(Date) 05JAN05

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify) DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 8.0 (From groundsurface)

Casing Diameter (in.) ___

Casing Depth (ft.) ___

Lower Drillhole Diameter (in.) 2.0

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
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☐ Chipped Bentonite
☐ Bentonite Pellets
☑ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	8.0	1 SACK	

(8) Comments: ___

(9) Name of Person or Firm Doing Sealing Work: TEMCO

Signature of Person Doing Work: [signature] Date Signed: 21FEB05

Street or Route: P.O.BOX 856 Telephone Number: (262) 675-6206

City, State, Zip Code: [illegible] 53012

(10) FOR DNR OR COUNTY USE ONLY

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

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 3-95

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

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-22

County: MILWAUKEE

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

(If applicable)

___ Gov't Lot ___ Grid Number

Grid Location

___ ft. ☐ N. ☐ S., ___ ft. ☐ E. ☐ W.

Civil Town Name

~~Street Address of Well~~

WTM 91 COORDINATES X=683356 Y=284300

City, Village: WEST ALLIS

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

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

WI Unique Well No.

Reason For Abandonment: SOIL BORING FOR PHASE II ESA

Date of Abandonment: 23OCT04

WELL/DRILLHOLE/BOREHOLE INFORMATION

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

(Date) 23OCT04

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:

☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify) DIRECT PUSH

Formation Type:

☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 10.0 (From groundsurface)

Casing Diameter (in.) ___

Casing Depth (ft.) ___

Lower Drillhole Diameter (in.) 2.0

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

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

For monitoring wells and monitoring well boreholes only

☐ Bentonite Pellets
☑ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	10.0	1 SACK	

(8) Comments: ___

(9) Name of Person or Firm Doing Sealing Work: TEMCO

Signature of Person Doing Work: [signature]

Date Signed: 21FEB05

Street or Route: P.O.BOX 856

Telephone Number: (262) 675-6206

(10) FOR DNR OR COUNTY USE ONLY

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

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 3-95

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

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-24

County: MILWAUKEE

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

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

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

Civil Town Name

~~Street Address of Well~~ WTM 91 COORDINATES X=683356 Y=284300

City, Village: WEST ALLIS

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable) | WI Unique Well No. ___ ___ ___ ___ ___

Reason For Abandonment: SOIL BORING FOR PHASE II ESA

Date of Abandonment: 05JAN05

WELL/DRILLHOLE/BOREHOLE INFORMATION

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

(Date): 05JAN05

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify): DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 8.0 (From groundsurface)

Casing Diameter (in.) ___

Casing Depth (ft.) ___

Lower Drillhole Diameter (in.) 2.0

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

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

For monitoring wells and monitoring well boreholes only

☐ Bentonite Pellets
☑ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	8.0	1 SACK	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work: TEMCO

Signature of Person Doing Work: [signature] Date Signed: 21FEB05

Street or Route: P.O.BOX 856 Telephone Number: (262) 675-6206

City, State, Zip Code

(10) FOR DNR OR COUNTY USE ONLY

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

State of Wisconsin
Department of Natural Resources

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

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

WTM91 COORDINATES X = 683356, Y = 284300

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
6 POINTS/FARMERS MARKET - PROP #705	_____	MW-1

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: M&K ENVIRONMENTAL DRILLING	03/19/2003 (mm/dd/yyyy)	03/19/2003 (mm/dd/yyyy)	HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_____	_____	MW-1	_____ Feet MSL	_____ Feet MSL	8.25 inches

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

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

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

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
2.5-4.5		12-17-23-22	3–4	MOTTLED TAN, BROWN, & BLACK, DAMP TO MOIST, SILTY CLAY WITH SOME SAND & FINE GRAVEL & BRICK FRAGMENTS (FILL)	CL									NO ODOR
5.0-7.0			5–6	MOTTLED TAN, BROWN & BLACK, DAMP TO MOIST, SILTY CLAY WITH SOME SAND & GRAVEL, BRICK, WOOD (FILL)	CL									NO ODOR
7.5-9.5			8–9	MOTTLED BROWN & GRAY, MOIST TO WET, SILTY CLAY WITH TRACE SAND & ROOTS (FILL)	CL									NO ODOR
10.0-12.0			10–11	BROWN, MOIST TO WET, SILTY CLAY	CL									NO ODOR

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

Signature	Firm
Joel Hosler	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.

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
12.5-14.5		12-17-17-19	13 14 15	MOTTLED BROWN & GRAY, MOIST TO WET, SILTY CLAY WITH TRACE COARSE SAND	CL									NO ODOR
			16	BOTTOM OF BORING										

State of Wisconsin
Department of Natural Resources

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

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

WTM91 COORDINATES X = 683356, Y = 284300

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
6 POINTS/FARMERS MARKET - PROP #705		MW-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: M&K ENVIRONMENTAL DRILLING	03/19/2003	03/19/2003	HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		MW-2	_____ Feet MSL	_____ Feet MSL	8.25 inches

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

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

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
2.5-4.5		4-5-5-5	3–4	BROWN, MOIST, SILTY CLAY WITH SOME SAND & FINE GRAVEL (FILL)	CL									NO ODOR
5.0-7.0		4-4-5-4	5–7	MOTTLED BROWN, MOIST, SILTY CLAY WITH TRACE SAND CHANGING @ 6.0' BGS TO DARK BROWN, MOIST TO WET, SILTY CLAY WITH IRON STAINING (FILL)	CL									NO ODOR
7.5-9.5		5-6-10-12	8–9	MOTTLED BROWN & BLACK, WET, SILTY TO FAT CLAY WITH TRACE SAND (FILL)	CL/CH									NO ODOR
10.0-12.0		11-15-17-20	10–11	MOTTLED BROWN & GRAY, MOIST, SILTY CLAY WITH TRACE SAND	CL									NO ODOR

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

Signature: Joseph Hosler | Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
12.5-14.5		9-15-25-25	13 14 15	MOTTLED BROWN & GRAY, MOIST, SILTY CLAY WITH TRACE COARSE SAND	CL									NO ODOR
			16	BOTTOM OF BORING										

State of Wisconsin
Department of Natural Resources

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

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

WTM91 COORDINATES X = 683356, Y = 284300

Facility/Project Name: 6 POINTS / FARMERS MARKET - PROP #705	License/Permit/Monitoring Number: _____	Boring Number: MW-3	
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Last Name: — Firm: M&K ENVIRONMENTAL DRILLING	Date Drilling Started: 03/19/2003 (m m d d y y y y)	Date Drilling Completed: 03/19/2003 (m m d d y y y y)	Drilling Method: HSA
WI Unique Well No.: _____	DNR Well ID No.: _____	Well Name: MW-3	Final Static Water Level: _____ Feet MSL
Surface Elevation: _____ Feet MSL	Borehole Diameter: 8.25 inches		
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ — State Plane _____ N, _____ E S/C/N	Lat ° ' " — Long ° ' "	Local Grid Location: ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W	
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W			
Facility ID	County: 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: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
2.5-4.5		4-5-6-5	3	GRAY & BLACK, MOIST TO WET, SILTY CLAY WITH TRACE SAND, WOOD, BRICK (FILL)	CL									NO ODOR
5.0-7.0		4-3-4-5	6	GRAY, MOIST TO WET, SILTY CLAY WITH TRACE SAND & WOOD (FILL) CHANGING @ 6.0' BGS TO BLACK, DAMP, SAND	CL / SP									PETROLEUM ODOR
7.5-9.5		4-9-12-14	8	MOTTLED BROWN & GRAY, MOIST, SILTY CLAY WITH TRACE SAND & FINE GRAVEL	CL									DECREASING PETROLEUM ODOR - NO ODOR BELOW 8.5' BGS
10.0-12.0		10-14-22-25	10	MOTTLED BROWN & GRAY, MOIST, SILTY CLAY WITH TRACE SAND	CL									NO ODOR

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

Signature: Joel Hosler — Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
12.5-14.5		8-14-21-22	13	BROWN, MOIST, SILTY CLAY WITH TRACE COARSE SAND	CL									NO ODOR
			14											
			15											
			16	BOTTOM OF BORING										

State of Wisconsin
Department of Natural Resources

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

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

WTM91 COORDINATES X = 683356, Y = 284300

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
6 POINTS/FARMERS MARKET - PROP #705	_ _ _ _ _ _ _	MW-4

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: M&K ENVIRONMENTAL DRILLING	03/19/2003 (m m d d y y y y)	03/19/2003 (m m d d y y y y)	HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _	MW-4	_____ Feet MSL	_____ Feet MSL	8.25 inches

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

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

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
2.5-4.5		5-6-8-10	3	BROWN & BLACK, WET, SILTY TO SANDY CLAY, WITH SOME COARSE SAND AND BLACK, DAMP, SAND (FILL)	CL / SP									PETROLEUM ODOR
5.0-7.0		1-1-2-1	5	BLACK, MOIST TO WET, CLAYEY SAND	SC									PETROLEUM ODOR
7.5-9.5		10-17-21-23 25FOR3"	8	AS ABOVE	SC / CL									PETROLEUM ODOR
10.0-12.0			10	MOTTLED BROWN & GRAY, DAMP TO MOIST, SILTY CLAY WITH TRACE SAND	CL									NO ODOR

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

Signature: Joseph Hosler | Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
12.5-14.5		9-17-27-29	13 14 15 16	BROWN, DAMP TO MOIST, SILTY CLAY WITH TRACE SAND BOTTOM OF BORING	CL									NO ODOR

State of Wisconsin
Department of Natural Resources

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

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

WTM91 COORDINATES X = 683356, Y = 284300

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
6 POINTS/FARMERS MARKET - PROP #705		MW-5

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: M&K ENVIRONMENTAL DRILLING	03/19/2003 (mm/dd/yyyy)	03/19/2003 (mm/dd/yyyy)	HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		MW-5	_____ Feet MSL	_____ Feet MSL	8.25 inches

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

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

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
2.5-4.5		7-9-5-7	3	GRAY & BLACK, WET, SILTY CLAY WITH SOME SAND, BRICK, & BLACK, WET, SAND (FILL)	CL/SP									NO ODOR
5.0-7.0		2-2-5-20	6	GRAY & BLACK, WET, SILTY CLAY WITH SAND & GRAVEL WITH SOME BLACK SAND (FILL)	CL/SP									NO ODOR
7.5-9.5		5-7-9-15	8	MOTTLED BROWN & GRAY, MOIST, SILTY CLAY WITH TRACE SAND	CL									NO ODOR
10.0-12.0		7-12-20-22	11	AS ABOVE	CL									NO ODOR

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

Signature	Firm
Joel Hosler	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,

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
12.5-14.5			13	BROWN, MOIST, SILTY CLAY	CL									NO ODOR
			14											
			15	BOTTOM OF BORING										
			16											

State of Wisconsin
Department of Natural Resources

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

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

WTM91 COORDINATES X=683356, Y=284300

Page 1 of 2

Facility/Project Name: 6 POINTS/FARMERS MARKET - PROP #705	License/Permit/Monitoring Number: _____	Boring Number: MW-6	
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Last Name: Firm: M&K ENVIRONMENTAL DRILLING	Date Drilling Started: 03/20/2003 (mm/dd/yyyy)	Date Drilling Completed: 03/20/2003 (mm/dd/yyyy)	Drilling Method: HSA
WI Unique Well No.: _____	DNR Well ID No.: _____	Well Name: MW-6	Final Static Water Level: _____ Feet MSL
Surface Elevation: _____ Feet MSL	Borehole Diameter: 8.25 inches		
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ State Plane _____ N, _____ E S/C/N	Lat ° ' " Long ° ' "	Local Grid Location: _____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W	
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/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: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
2.5-4.5		5-7-9-6	3	MOTTLED GRAY & BLACK, MOIST TO WET, SILTY CLAY WITH SOME SAND (FILL)	CL									PETROLEUM ODOR
5.0-7.0		2-2-3-2	6	AS ABOVE, WET	CL									PETROLEUM ODOR
7.5-9.5		1-1-1-2	8	AS ABOVE, WET	CL									PETROLEUM ODOR
10.0-12.0		1-1-1-1	10	GRAYISH BROWN, WET, SILTY CLAY WITH SOME SAND, CHANGING AT 11.0' BGS TO TRACE SAND	CL									NO ODOR BELOW 11.0' BGS

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

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

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
12.5-14.5		7-7-19-22	13	GRAYISH BROWN, MOIST, SILTY CLAY WITH TRACE SAND CHANGING TO BROWN @ 13.5' BGS	CL									NO ODOR
			14											
			15											
			16	BOTTOM OF BORING										

State of Wisconsin
Department of Natural Resources

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

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

WTM91 COORDINATES X = 683356, Y = 284300

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
6 POINTS/FARMERS MARKET - PROP #705	_ _ _ _ _ _ _ _	MW-7

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: M&K ENVIRONMENTAL DRILLING	03/20/2003 (mm/dd/yyyy)	03/20/2003 (mm/dd/yyyy)	HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _	_ _ _ _	MW-7	_____ Feet MSL	_____ Feet MSL	8.25 inches

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

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

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
2.5-4.5		1-1-1-1	1 2 3 4	NO RECOVERY										
5.0-7.0		1-2-4-4	5 6 7	MOTTLED BLACK & GRAY, WET, SILTY CLAY WITH SOME SAND	CL									PETROLEUM ODOR
7.5-9.5		4-6-8-8	8 9	GRAY & REDDISH BROWN, MOIST TO WET, SILTY CLAY WITH SOME SAND	CL									PETROLEUM ODOR DECREASING WITH DEPTH
10.0-12.0		8-12-16-17	10 11 12	BROWN, MOIST TO WET, SILTY CLAY WITH TRACE SAND	CL									NO ODOR

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

Sample										Soil Properties					
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
12.5-14.5		8-15-17-17	13	AS ABOVE, SOME GRAY MOTTLING	CL									NO ODOR
			14											
			15	BOTTOM OF BORING										
			16											

State of Wisconsin
Department of Natural Resources

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

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

WTM91 COORDINATES X = 683356, Y = 284300

Page 1 of 2

Facility/Project Name: 6 POINTS/ FARMERS MARKET - PROP #705	License/Permit/Monitoring Number: _____	Boring Number: MW-8	
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Last Name: Firm: M&K ENVIRONMENTAL DRILLING	Date Drilling Started: 03/20/2003 (mm/dd/yyyy)	Date Drilling Completed: 03/20/2003 (mm/dd/yyyy)	Drilling Method: HSA
WI Unique Well No.: _____	DNR Well ID No.: _____	Well Name: MW-8	Final Static Water Level: _____ Feet MSL
Surface Elevation: _____ Feet MSL	Borehole Diameter: 8.25 inches		
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ — State Plane _____ N, _____ E S/C/N	Lat ° ' " — Long ° ' "	Local Grid Location: ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W	
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W			
Facility ID	County: 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: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
2.5-4.5		6-6-8-4	1–4	MOTTLED BROWN & GRAY, MOIST TO WET, SILTY CLAY WITH SOME SAND, FINE GRAVEL, BRICK (FILL)	CL									NO ODOR
5.0-7.0		1-4-7-5	5–7	GRAY, MOIST TO WET, SILTY CLAY WITH SOME SAND & WOOD (FILL)	CL									PETROLEUM ODOR
7.5-9.5		3-6-6-8	8–9	MOTTLED BROWN & GRAY, MOIST TO WET, SILTY CLAY WITH SOME COARSE SAND & GRAVEL	CL									SLIGHT PETROLEUM ODOR
10.0-12.0		4-6-9-12	10–12	MOTTLED BROWN & GRAY, WET, SILTY CLAY WITH TRACE SAND	CL									NO ODOR

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

Signature: Joel Hosler — Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

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.

Sample										Soil Properties					
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
12.5-14.5		8-9-12-15	13 14 15 16	TAH, WET, INTERLAYERED SILTY CLAY WITH TRACE SAND, CLAYEY SILT, AND SILTY FINE SAND BOTTOM OF BORING	CL / ML / SM									NO ODOR

State of Wisconsin
Department of Natural Resources

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

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

WTM91 COORDINATES X=683356, Y=284300

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
6 POINTS/FARMERS MARKET - PROP #705	_ _ _ _ _ _ _ _	MW-9

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: M&K ENVIRONMENTAL DRILLING	03/20/2003 (m m/d d/y y y y)	03/20/2003 (m m/d d/y y y y)	HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _	MW-9	_____ Feet MSL	_____ Feet MSL	8.25 inches

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

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

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
2.5-4.5		12-12-25-REFUSAL	1-12	BLACK & GRAY, WET, SILTY CLAY WITH SOME SAND & BRICK AND BLACK, MOIST TO WET, SAND (FILL)	CL / SP									PETROLEUM ODOR
5.0-7.0		4-4-5-6	5-7	GRAY, MOIST TO WET, SILTY CLAY WITH TRACE SAND	CL									PETROLEUM ODOR
7.5-9.5		1-2-4-8	8-9	MOTTLED BROWN & GRAY, WET, SILTY CLAY, INTERLAYERED WITH THIN SEAMS OF CLAYEY SILT	CL / ML									DECREASING PETROLEUM ODOR
10.0-12.0		7-12-17-17	10-12	BROWN, MOIST, SILTY CLAY WITH TRACE SAND	CL									NO ODOR

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

Signature	Firm
Joel Hosler	THE ENVIRONMENTAL MANAGEMENT CO LLC

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Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
12.5-14.5		7-17-19-20	13	AS ABOVE WITH SOME GRAY MOTTLING	CL									NO ODOR
			14											
			15	BOTTOM OF BORING										
			16											

APPENDIX C

GROUNDWATER MONITORING WELL CONSTRUCTION DIAGRAMS

WTM91 COORDINATES X=683356 Y=284300

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: 6 POINTS / FARMERS MARKET - PROP. 705	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-1
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 03/19/2003 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: _____ 1/4 of _____ 1/4 of Sec. _____, T. _____ N, R. _____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: MSK ENVIRONMENTAL DRILLING
Distance from Waste/Source: 133 ft. / Enf. Stds. Apply ☑	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☑ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

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

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

13. Sieve analysis performed? ☐ Yes ☑ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☑ 41
Other ☐ _____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☑ 99

16. Drilling additives used? ☐ Yes ☑ No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top 1.0 ft. MSL or _____ ft.

F. Fine sand, top 3.0 ft. MSL or _____ ft.

G. Filter pack, top 4.0 ft. MSL or _____ ft.

H. Screen joint, top 5.0 ft. MSL or _____ ft.

I. Well bottom 15.0 ft. MSL or _____ ft.

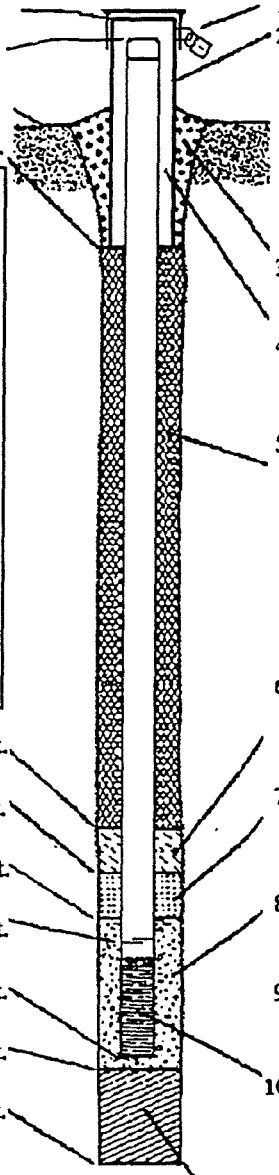
J. Filter pack, bottom 15.5 ft MSL or _____ ft.

K. Borehole, bottom 15.5 ft MSL or _____ ft.

L. Borehole, diameter 8.3 in.

M. O.D. well casing _____ in.

N. I.D. well casing 2.0 in.



1. Cap and lock? ☑ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☑ 04 Other ☐ _____
d. Additional protection? ☐ Yes ☑ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 Concrete ☑ 01 Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☑ 30 Other ☐ _____
5. Annular space seal: a. Granular/Chipped Bentonite ☑ 33
b. _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. _____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☑ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☑ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. BADGER FINE
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. BADGER COARSE
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☑ 23 Flush threaded PVC schedule 80 ☐ 24 Other ☐ _____
10. Screen material: PVC
a. Screen type: Factory cut ☑ 11 Continuous slot ☐ 01 Other ☐ _____
b. Manufacturer DIETRICH
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.
11. Backfill material (below filter pack): None ☐ 14 Other ☐ _____
COARSE SAND

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

Signature	Firm
Joel Hosler	THE ENVIRONMENTAL MANAGEMENT CO LLC

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

WTM91 COORDINATES X=683356 Y=284300

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: 6 POINTS / FARMERS MARKET - PROP. 705	Local Grid Location of Well: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.	Well Name: MW-2
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 03/19/2003 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: 1/4 of ____ 1/4 of Sec. ____, T. ____ N, R. ____ ☐ E ☐ W	Well Installed By: Name (first, last) and Firm: MSK ENVIRONMENTAL DRILLING
Distance from Waste/Source: 53 ft. / Enf. Stds. Apply ☑	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☑ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

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

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

13. Sieve analysis performed? ☐ Yes ☑ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☑ 41
Other ☐ _____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☑ 99

16. Drilling additives used? ☐ Yes ☑ No

Describe _____

17. Source of water (attach analysis, if required):

E. Bentonite seal, top 1.0 ft. MSL or _____ ft.

F. Fine sand, top 3.0 ft. MSL or _____ ft.

G. Filter pack, top 4.0 ft. MSL or _____ ft.

H. Screen joint, top 5.0 ft. MSL or _____ ft.

I. Well bottom 15.0 ft. MSL or _____ ft.

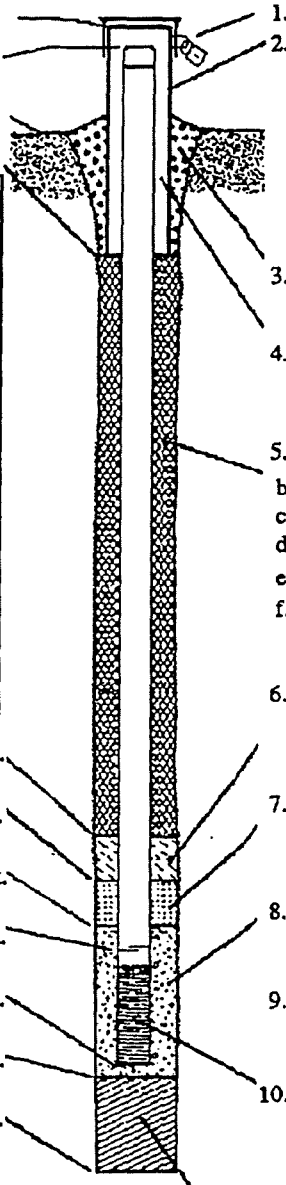
J. Filter pack, bottom 15.5 ft MSL or _____ ft.

K. Borehole, bottom 15.5 ft MSL or _____ ft.

L. Borehole, diameter 8.3 in.

M. O.D. well casing _____ in.

N. I.D. well casing 2.0 in.



1. Cap and lock? ☑ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☑ 04 Other ☐ _____
d. Additional protection? ☐ Yes ☑ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 Concrete ☑ 01 Other ☐ _____

4. Material between well casing and protective pipe: Bentonite ☑ 30 Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite ☑ 33
b. _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. _____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☑ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☑ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ _____

7. Fine sand material: Manufacturer, product name & mesh size
a. BADGER FINE
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. BADGER COARSE
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☑ 23
Flush threaded PVC schedule 80 ☐ 24
Other ☐ _____

10. Screen material: PVC
a. Screen type: Factory cut ☑ 11 Continuous slot ☐ 01 Other ☐ _____
b. Manufacturer DIETRICH
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.

11. Backfill material (below filter pack): COARSE SAND None ☐ 14 Other ☐ _____

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

Signature: Jeff Hosler | Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

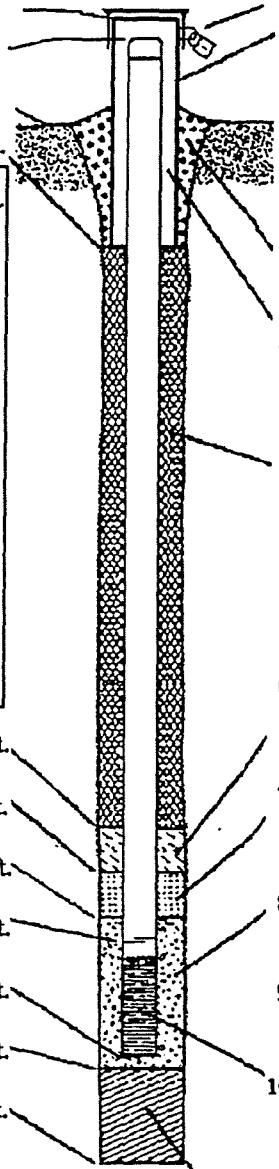
WTM91 COORDINATES X=683356 Y=284300

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: 6 POINTS / FARMERS MARKET - PROP. 705	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-3
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 03/19/2003 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: _____ 1/4 of _____ 1/4 of Sec, _____, T. _____ N, R. _____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: M&K ENVIRONMENTAL DRILLING
Distance from Waste/Source: 90 ft. / Enf. Stds. Apply ☑	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☑ Downgradient n ☐ Not Known	Gov. Lot Number



A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

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

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

13. Sieve analysis performed? ☐ Yes ☑ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☑ 41 / Other ☐ _____

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☑ 99

16. Drilling additives used? ☐ Yes ☑ No

Describe _____

17. Source of water (attach analysis, if required):

E. Bentonite seal, top 1.0 ft. MSL or _____ ft.

F. Fine sand, top 3.0 ft. MSL or _____ ft.

G. Filter pack, top 4.0 ft. MSL or _____ ft.

H. Screen joint, top 5.0 ft. MSL or _____ ft.

I. Well bottom 15.0 ft. MSL or _____ ft.

J. Filter pack, bottom 15.5 ft MSL or _____ ft.

K. Borehole, bottom 15.5 ft MSL or _____ ft.

L. Borehole, diameter 8.3 in.

M. O.D. well casing _____ in.

N. I.D. well casing 2.0 in.

1. Cap and lock? ☑ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☑ 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☑ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 / Concrete ☑ 01 / Other ☐ _____

4. Material between well casing and protective pipe: Bentonite ☑ 30 / Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite ☑ 33
b. _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. _____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☑ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☑ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ _____

7. Fine sand material: Manufacturer, product name & mesh size
a. BADGER FINE
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. BADGER COARSE
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☑ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____

10. Screen material: PVC
a. Screen type: Factory cut ☑ 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer DIETRICH
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.

11. Backfill material (below filter pack): COARSE SAND / None ☐ 14 / Other ☐ _____

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

Signature: Joel Hosler | Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

WTM91 COORDINATES X=683356 Y=284300

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: 6 POINTS / FARMERS MARKET - PROP. 705	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-4
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 03/19/2003 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: _____ 1/4 of _____ 1/4 of Sec. _____, T. _____ N, R. _____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: MSK ENVIRONMENTAL DRILLING
Distance from Waste/Source: 136 ft. / Enf. Stds. Apply ☑	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☑ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

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

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

13. Sieve analysis performed? ☐ Yes ☑ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☑ 41 / Other ☐ _____

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☑ 99

16. Drilling additives used? ☐ Yes ☑ No

Describe _____

17. Source of water (attach analysis, if required):

E. Bentonite seal, top 1.0 ft. MSL or _____ ft.

F. Fine sand, top NONE ft. MSL or _____ ft.

G. Filter pack, top 3.0 ft. MSL or _____ ft.

H. Screen joint, top 3.0 ft. MSL or _____ ft.

I. Well bottom 13.0 ft. MSL or _____ ft.

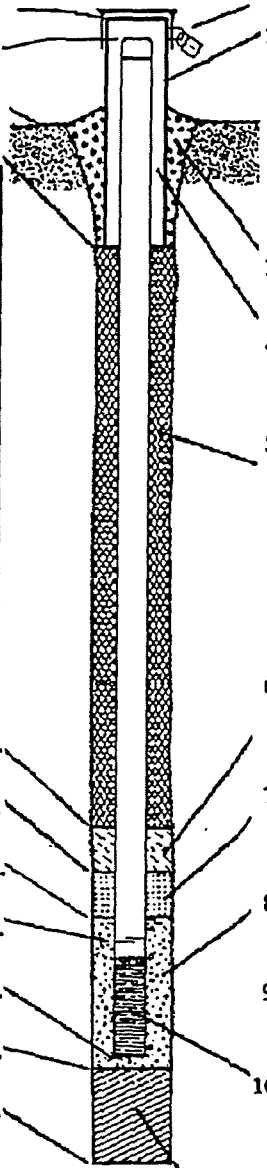
J. Filter pack, bottom 15.0 ft. MSL or _____ ft.

K. Borehole, bottom 15.0 ft. MSL or _____ ft.

L. Borehole, diameter 8.3 in.

M. O.D. well casing _____ in.

N. I.D. well casing 2.0 in.



1. Cap and lock? ☑ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☑ 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☑ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 / Concrete ☑ 01 / Other ☐ _____

4. Material between well casing and protective pipe: Bentonite ☑ 30 / Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite ☑ 33
b. _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. _____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☑ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☑ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ _____

7. Fine sand material: Manufacturer, product name & mesh size
a. BADGER FINE
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. BADGER COARSE
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☑ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____

10. Screen material: PVC
a. Screen type: Factory cut ☑ 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer DIETRICH
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.

11. Backfill material (below filter pack): COARSE SAND — None ☐ 14 / Other ☐ _____

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

Signature	Firm
Joel Hosler	THE ENVIRONMENTAL MANAGEMENT CO LLC

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable ... intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be

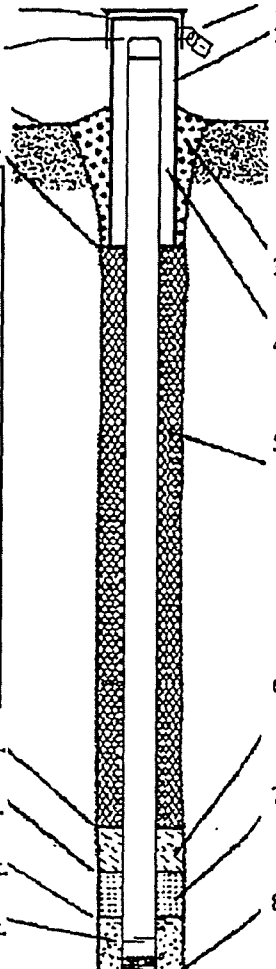
WTM91 COORDINATES X=683356 Y=284300

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: 6 POINTS / FARMERS MARKET - PROP.705	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-5
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ___ ° ___ ' ___ " Long. ___ ° ___ ' ___ " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID: _____	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 03/19/2003 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: ___ 1/4 of ___ 1/4 of Sec, ___ T. ___ N, R. ___ ☐E ☐W	Well Installed By: Name (first, last) and Firm: M&K ENVIRONMENTAL DRILLING
Distance from Waste/Source: 203 ft. / Enf. Stds. Apply ☑	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☑ Downgradient n ☐ Not Known	Gov. Lot Number: _____



A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation _____ ft. MSL
C. Land surface elevation _____ ft. MSL
D. Surface seal, bottom 1.0 ft. MSL or ____ ft.

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

13. Sieve analysis performed? ☐ Yes ☑ No

14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ☑ 41; Other ☐ _____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01 Drilling Mud ☐ 03 None ☑ 99

16. Drilling additives used? ☐ Yes ☑ No

Describe _____

17. Source of water (attach analysis, if required): _____

E. Bentonite seal, top 1.0 ft. MSL or ____ ft.
F. Fine sand, top NONE ft. MSL or ____ ft.
G. Filter pack, top 3.0 ft. MSL or ____ ft.
H. Screen joint, top 3.0 ft. MSL or ____ ft.
I. Well bottom 13.0 ft. MSL or ____ ft.
J. Filter pack, bottom 15.0 ft. MSL or ____ ft.
K. Borehole, bottom 15.0 ft. MSL or ____ ft.
L. Borehole, diameter 8.3 in.
M. O.D. well casing ____ in.
N. I.D. well casing 2.0 in.

1. Cap and lock? ☑ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☑ 04 Other ☐ _____
d. Additional protection? ☐ Yes ☑ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 Concrete ☑ 01 Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☑ 30 Other ☐ _____
5. Annular space seal: a. Granular/Chipped Bentonite ☑ 33
b. ____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. ____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☑ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☑ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. BADGER FINE
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. BADGER COARSE
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☑ 23 Flush threaded PVC schedule 80 ☐ 24 Other ☐ _____
10. Screen material: PVC
a. Screen type: Factory cut ☑ 11 Continuous slot ☐ 01 Other ☐ _____
b. Manufacturer DIETRICH
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.
11. Backfill material (below filter pack): COARSE SAND None ☐ 14 Other ☐ _____

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

Signature	Firm
Jack Hosler	THE ENVIRONMENTAL MANAGEMENT CO LLC

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

WTM91 COORDINATES X=683356 Y=284300

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: 6 POINTS / FARMERS MARKET - PROP.705	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-6
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 03/20/2003 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: _____ 1/4 of _____ 1/4 of Sec, _____, T. _____ N, R. _____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: MSK ENVIRONMENTAL DRILLING
Distance from Waste/Source: 10 ft. / Enf. Stds. Apply ☑	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☑ Downgradient n ☐ Not Known	Gov. Lot Number: _____

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom ___1.0 ft. MSL or ____ ft.

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

13. Sieve analysis performed? ☐ Yes ☑ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☑ 41 / Other ☐ _____

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☑ 99

16. Drilling additives used? ☐ Yes ☑ No

Describe _____

17. Source of water (attach analysis, if required):

_____

E. Bentonite seal, top ___1.0 ft. MSL or ____ ft.

F. Fine sand, top ___3.0 ft. MSL or ____ ft.

G. Filter pack, top ___4.0 ft. MSL or ____ ft.

H. Screen joint, top ___5.0 ft. MSL or ____ ft.

I. Well bottom __15.0 ft. MSL or ____ ft.

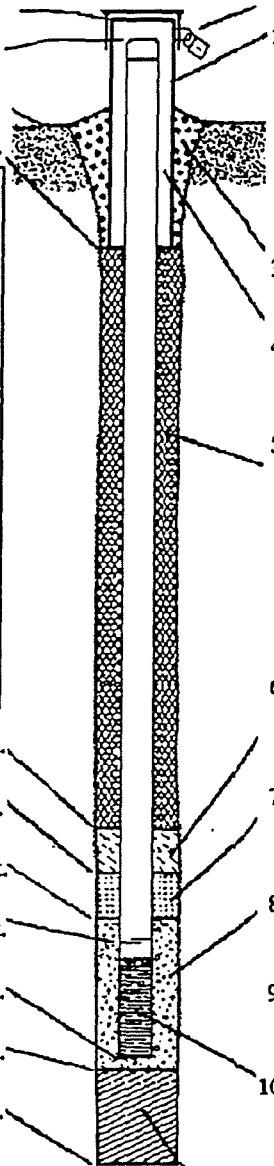
J. Filter pack, bottom __15.5 ft. MSL or ____ ft.

K. Borehole, bottom __15.5 ft. MSL or ____ ft.

L. Borehole, diameter 8.3 in.

M. O.D. well casing _____ in.

N. I.D. well casing 2.0 in.



1. Cap and lock? ☑ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☑ 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☑ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 / Concrete ☑ 01 / Other ☐ _____

4. Material between well casing and protective pipe: Bentonite ☑ 30 / Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite ☑ 33
b. _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. _____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☑ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☑ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ _____

7. Fine sand material: Manufacturer, product name & mesh size
a. BADGER FINE
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. BADGER COARSE
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☑ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____

10. Screen material: PVC
a. Screen type: Factory cut ☑ 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer DIETRICH
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.

11. Backfill material (below filter pack): COARSE SAND — None ☐ 14 / Other ☐ _____

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

Signature: Jack Hosler | Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

WTM91 COORDINATES X=683356 Y=284300

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: 6 POINTS / FARMERS MARKET - PROP. 705	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-7	
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.	DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 03/20/2003 (m m d d y y y y)	
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: ____1/4 of ____ 1/4 of Sec. ____, T. ____ N, R. ____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: M&K ENVIRONMENTAL DRILLING	
Distance from Waste/Source: 150 ft.	Enf. Stds. Apply ☑	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☑ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

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

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

13. Sieve analysis performed? ☐ Yes ☑ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☑ 41
Other ☐ _____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☑ 99

16. Drilling additives used? ☐ Yes ☑ No

Describe _____

17. Source of water (attach analysis, if required):

_____

E. Bentonite seal, top 1.0 ft. MSL or ____ ft.

F. Fine sand, top NONE ft. MSL or ____ ft.

G. Filter pack, top 3.0 ft. MSL or ____ ft.

H. Screen joint, top 3.0 ft. MSL or ____ ft.

I. Well bottom 13.0 ft. MSL or ____ ft.

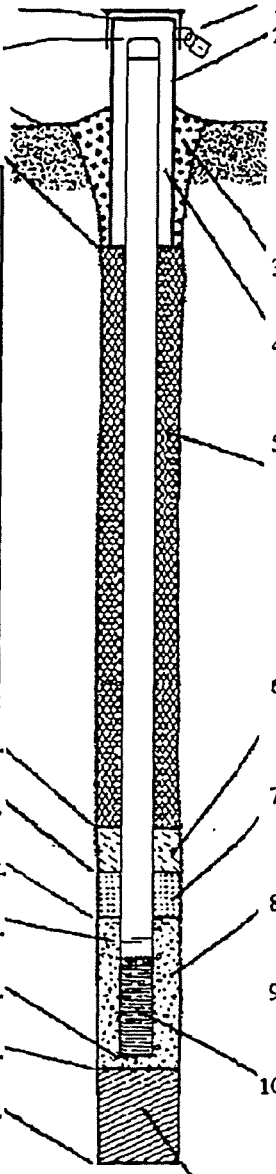
J. Filter pack, bottom 15.0 ft. MSL or ____ ft.

K. Borehole, bottom 15.0 ft. MSL or ____ ft.

L. Borehole, diameter 8.3 in.

M. O.D. well casing _____ in.

N. I.D. well casing 2.0 in.



1. Cap and lock? ☑ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 4.0 in.
b. Length: 5.0 ft.
c. Material: Steel ☑ 04
Other ☐ _____
d. Additional protection? ☐ Yes ☑ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30
Concrete ☑ 01
Other ☐ _____

4. Material between well casing and protective pipe:
Bentonite ☑ 30
Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite ☑ 33
b. _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. _____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity ☑ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☑3/8 in. ☐1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ _____

7. Fine sand material: Manufacturer, product name & mesh size
a. BADGER FINE
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. BADGER COARSE
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☑ 23
Flush threaded PVC schedule 80 ☐ 24
Other ☐ _____

10. Screen material: PVC
a. Screen type: Factory cut ☑ 11
Continuous slot ☐ 01
Other ☐ _____
b. Manufacturer DIETRICH
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.

11. Backfill material (below filter pack): None ☐ 14
COARSE SAND Other ☐ _____

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

Signature: Jack Hosler Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

WTM91 COORDINATES X=683356 Y=284300

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: 6 POINTS / FARMERS MARKET - PROJ705	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-8
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 03/20/2003 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: _____ 1/4 of _____ 1/4 of Sec. ____, T. ____ N, R. ____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: MSK ENVIRONMENTAL DRILLING
Distance from Waste/Source: 174 ft. / Enf. Stds. Apply ☑	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☑ Downgradient n ☐ Not Known / Gov. Lot Number	

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

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

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

13. Sieve analysis performed? ☐ Yes ☑ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☑ 41 / Other ☐ _____

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☑ 99

16. Drilling additives used? ☐ Yes ☑ No

Describe _____

17. Source of water (attach analysis, if required):

E. Bentonite seal, top 1.0 ft. MSL or _____ ft.

F. Fine sand, top NONE ft. MSL or _____ ft.

G. Filter pack, top 3.0 ft. MSL or _____ ft.

H. Screen joint, top 3.0 ft. MSL or _____ ft.

I. Well bottom 13.0 ft. MSL or _____ ft.

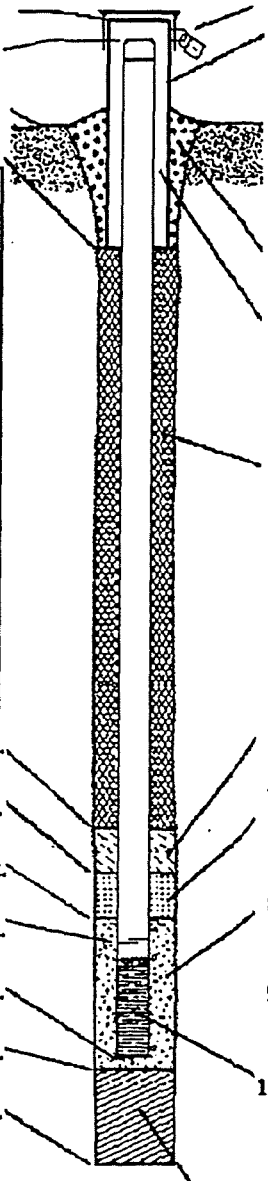
J. Filter pack, bottom 15.0 ft. MSL or _____ ft.

K. Borehole, bottom 15.0 ft. MSL or _____ ft.

L. Borehole, diameter 8.3 in.

M. O.D. well casing _____ in.

N. I.D. well casing 2.0 in.



1. Cap and lock? ☑ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 4.0 in.
b. Length: 5.0 ft.
c. Material: Steel ☑ 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☑ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 / Concrete ☑ 01 / Other ☐ _____

4. Material between well casing and protective pipe: Bentonite ☑ 30 / Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite ☑ 33
b. _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. _____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☑ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☑ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ _____

7. Fine sand material: Manufacturer, product name & mesh size
a. BADGER FINE
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. BADGER COARSE
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☑ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____

10. Screen material: PVC
a. Screen type: Factory cut ☑ 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer DIETRICH
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.

11. Backfill material (below filter pack): COARSE SAND / None ☐ 14 / Other ☐ _____

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

Signature: Joel Hosler | Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

WTM91 COORDINATES X=683356 Y=284300

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: 6 POINTS / FARMERS MARKET - PROP.705	Local Grid Location of Well ☐N. ____ ft. ☐S. ☐E. ____ ft. ☐W.	Well Name: MW-9
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed: 03/20/2003 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: ____ 1/4 of ____ 1/4 of Sec. ____, T. ____ N, R. ____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: MSK ENVIRONMENTAL DRILLING
Distance from Waste/Source: 142 ft. / Enf. Stds. Apply ☑	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☑ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation ____ ft. MSL
B. Well casing, top elevation ____ ft. MSL
C. Land surface elevation ____ ft. MSL
D. Surface seal, bottom 1.0 ft. MSL or ____ ft.

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

13. Sieve analysis performed? ☐ Yes ☑ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☑ 41 / Other ☐ ____

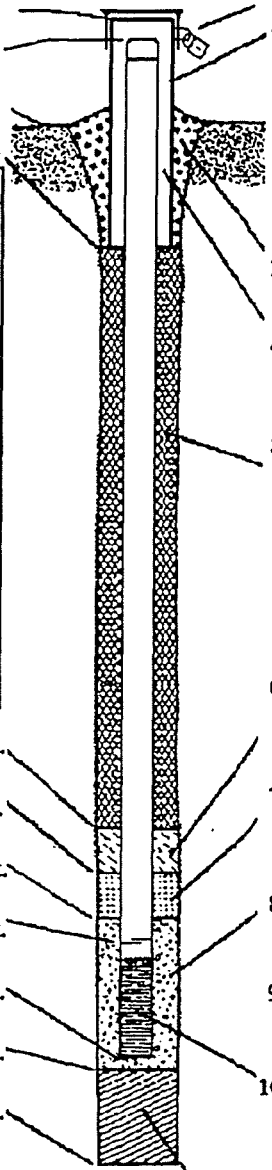
15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☑ 99

16. Drilling additives used? ☐ Yes ☑ No

Describe ____

17. Source of water (attach analysis, if required):

E. Bentonite seal, top 1.0 ft. MSL or ____ ft.
F. Fine sand, top NONE ft. MSL or ____ ft.
G. Filter pack, top 3.0 ft. MSL or ____ ft.
H. Screen joint, top 3.0 ft. MSL or ____ ft.
I. Well bottom 13.0 ft. MSL or ____ ft.
J. Filter pack, bottom 15.0 ft. MSL or ____ ft.
K. Borehole, bottom 15.0 ft. MSL or ____ ft.
L. Borehole, diameter 8.3 in.
M. O.D. well casing ____ in.
N. I.D. well casing 2.0 in.



1. Cap and lock? ☑ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☑ 04 / Other ☐ ____
d. Additional protection? ☐ Yes ☑ No
If yes, describe: ____
3. Surface seal: Bentonite ☐ 30 / Concrete ☑ 01 / Other ☐ ____
4. Material between well casing and protective pipe: Bentonite ☑ 30 / Other ☐ ____
5. Annular space seal: a. Granular/Chipped Bentonite ☑ 33
b. ____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. ____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☑ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☑3/8 in. ☐1/2 in. Bentonite chips ☐ 32
c. ____ Other ☐ ____
7. Fine sand material: Manufacturer, product name & mesh size
a. BADGER FINE
b. Volume added ____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. BADGER COARSE
b. Volume added ____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☑ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ ____
10. Screen material: PVC
a. Screen type: Factory cut ☑ 11 / Continuous slot ☐ 01 / Other ☐ ____
b. Manufacturer DIETRICH
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.
11. Backfill material (below filter pack): COARSE SAND None ☐ 14 / Other ☐ ____

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

Signature: Joe Hosler | Firm: THE ENVIRONMENTAL MANAGEMENT CO LLC

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

APPENDIX D

GROUNDWATER MONITORING WELL DEVELOPMENT FORMS

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

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

Facility/Project Name	County Name	Well Name
6 POINTS/FARMERS MARKET PROP. # 705	MILWAUKEE	MW-1

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	41	_____	___

1. Can this well be purged dry? ☑ Yes ☐ No

2. Well development method

surged with bailer and bailed	☑ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 60 min.

4. Depth of well (from top of well casisng) 14.9 ft.

5. Inside diameter of well 2.0 in.

6. Volume of water in filter pack and well casing 13.5 gal.

7. Volume of water removed from well 10.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added _____

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 5.37 ft.	14.86 ft.
Date	b. 05/14/2003 (m m d d y y y y)	05/14/2003 (m m d d y y y y)
Time	c. 08:00 ☑ a.m. ☐ p.m.	09:00 ☑ a.m. ☐ p.m.
12. Sediment in well bottom	1.0 inches	0.5 inches
13. Water clarity	Clear ☐ 10 Turbid ☑ 15 (Describe) SLIGHT	Clear ☑ 20 Turbid ☐ 25 (Describe) NEARLY CLEAR
14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: JEFFREY Last Name: HOSLER
Firm: TEMCO

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: JEFFREY Last Name: HOSLER
Facility/Firm: TEMCO
Street: P.O. BOX 856
City/State/Zip: CEDARBURG WI 53012

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: J. Hosler
Print Name: JEFFREY L. HOSLER
Firm: TEMCO

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

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

Facility/Project Name	County Name	Well Name
6 POINTS/FARMERS MARKET PROP. # 705	MILWAUKEE	MW-2

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	41	------	---

1. Can this well be purged dry? ☑ Yes ☐ No

2. Well development method

surged with bailer and bailed	☑ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 60 min.

4. Depth of well (from top of well casisng) 14.9 ft.

5. Inside diameter of well 2.0 in.

6. Volume of water in filter pack and well casing 12.6 gal.

7. Volume of water removed from well 10.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added _____

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☐ No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 6.04 ft.	14.89 ft.
Date	b. 05/14/2003 (m m d d y y y y)	05/14/2003 (m m d d y y y y)
Time	c. 08:00 ☑ a.m. ☐ p.m.	09:00 ☑ a.m. ☐ p.m.
12. Sediment in well bottom	1.0 inches	0.5 inches
13. Water clarity	Clear ☐ 10 Turbid ☑ 15 (Describe) SLIGHT	Clear ☑ 20 Turbid ☐ 25 (Describe) NEARLY CLEAR
14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: JEFFREY Last Name: HOSLER
Firm: TEMCO

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: JEFFREY Last Name: HOSLER
Facility/Firm: TEMCO
Street: P.O. BOX 856
City/State/Zip: CEDARBURG WI 53012

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: J. Hosler
Print Name: JEFFREY L. HOSLER
Firm: TEMCO

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

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

Facility/Project Name	County Name	Well Name
6 POINTS/FARMERS MARKET PROP. # 705	MILWAUKEE	MW - 3

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	41	_____	___

1. Can this well be purged dry? ☑ Yes ☐ No

2. Well development method

surged with bailer and bailed	☑ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 60 min.

4. Depth of well (from top of well casisng) 149 ft.

5. Inside diameter of well 2.0 in.

6. Volume of water in filter pack and well casing 149 gal.

7. Volume of water removed from well 100 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added _____

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 2.85 ft.	14.86 ft.
Date	b. 05/14/2003 (m m d d y y y y)	05/14/2003 (m m d d y y y y)
Time	c. 09:30 ☑ a.m. ☐ p.m.	10:30 ☑ a.m. ☐ p.m.
12. Sediment in well bottom	1.0 inches	0.5 inches
13. Water clarity	Clear ☐ 10 Turbid ☑ 15	Clear ☑ 20 Turbid ☐ 25
	(Describe) SLIGHT	(Describe) NEARLY CLEAR
14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: JEFFREY Last Name: HOSLER
Firm: TEMCO

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: JEFFREY Last Name: HOSLER
Facility/Firm: TEMCO
Street: P.O. BOX 856
City/State/Zip: CEDARBURG WI 53012

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: J. L. Hosler
Print Name: JEFFREY L. HOSLER
Firm: TEMCO

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

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

Facility/Project Name	County Name	Well Name
6 POINTS/FARMERS MARKET PROP. # 705	MILWAUKEE	MW-4

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	41	_____	___

1. Can this well be purged dry? ☑ Yes ☐ No

2. Well development method

surged with bailer and bailed	☑	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☐	51
pumped slowly	☐	50
Other _____	☐	

3. Time spent developing well 60 min.

4. Depth of well (from top of well casisng) 13.0 ft.

5. Inside diameter of well 2.0 in.

6. Volume of water in filter pack and well casing 14.7 gal.

7. Volume of water removed from well 10.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added _____

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☐ No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 2.60 ft.	12.96 ft.
Date	b. 05/14/2003 (m m d d y y y y)	05/14/2003 (m m d d y y y y)
Time	c. 09:30 ☑ a.m. ☐ p.m.	10:30 ☑ a.m. ☐ p.m.
12. Sediment in well bottom	1.0 inches	0.5 inches
13. Water clarity	Clear ☐ 10 Turbid ☑ 15 (Describe) SLIGHT	Clear ☑ 20 Turbid ☐ 25 (Describe) NEARLY CLEAR
14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: JEFFREY Last Name: HOSLER
Firm: TEMCO

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: JEFFREY Last Name: HOSLER
Facility/Firm: TEMCO
Street: P.O. BOX 856
City/State/Zip: CEDARBURG WI 53012

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: J. Hosler
Print Name: JEFFREY L. HOSLER
Firm: TEMCO

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

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

Facility/Project Name	County Name	Well Name
6 POINTS/FARMERS MARKET PROP. # 705	MILWAUKEE	MW-5

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	41	_____	___

1. Can this well be purged dry? ☑ Yes ☐ No

2. Well development method

surged with bailer and bailed	☑	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☐	51
pumped slowly	☐	50
Other _____	☐	

3. Time spent developing well 60 min.

4. Depth of well (from top of well casisng) 13.0 ft.

5. Inside diameter of well 2.0 in.

6. Volume of water in filter pack and well casing 16.1 gal.

7. Volume of water removed from well 10.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added _____

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☐ No

	Before Development	After Development
11. Depth to Water (from top of well casing) a.	1.70 ft.	13.02 ft.
Date b. (m m d d y y y y)	05/14/2003	05/14/2003
Time c.	11:00 ☐ a.m. ☐ p.m.	12:00 ☐ a.m. ☑ p.m.
12. Sediment in well bottom	1.0 inches	0.5 inches
13. Water clarity	Clear ☐ 10 Turbid ☑ 15 (Describe) SLIGHT	Clear ☑ 20 Turbid ☐ 25 (Describe) NEARLY CLEAR
14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: JEFFREY Last Name: HOSLER
Firm: TEMCO

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: JEFFREY Last Name: HOSLER
Facility/Firm: TEMCO
Street: P.O. BOX 856
City/State/Zip: CEDARBURG WI 53012

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: J. Hosler
Print Name: JEFFREY L. HOSLER
Firm: TEMCO

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

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

Facility/Project Name	County Name	Well Name
6 POINTS/FARMERS MARKET PROP. # 705	MILWAUKEE	MW-6

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	41	_____	___

1. Can this well be purged dry? ☑ Yes ☐ No

2. Well development method

surged with bailer and bailed	☑	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☐	51
pumped slowly	☐	50
Other _____	☐	

3. Time spent developing well 60 min.

4. Depth of well (from top of well casisng) 14.9 ft.

5. Inside diameter of well 2.0 in.

6. Volume of water in filter pack and well casing 13.4 gal.

7. Volume of water removed from well 10.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added _____

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☐ No

	Before Development	After Development
11. Depth to Water (from top of well casing) a.	5.38 ft.	14.85 ft.
Date b. (m m d d y y y y)	05/14/2003	05/14/2003
Time c.	11:00 ☑ a.m. ☐ p.m.	12:00 ☐ a.m. ☑ p.m.
12. Sediment in well bottom	1.0 inches	0.5 inches
13. Water clarity	Clear ☐ 10 Turbid ☑ 15 (Describe) SLIGHT	Clear ☑ 20 Turbid ☐ 25 (Describe) NEARLY CLEAR

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: JEFFREY Last Name: HOSLER
Firm: TEMCO

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: JEFFREY Last Name: HOSLER
Facility/Firm: TEMCO
Street: P.O. BOX 856
City/State/Zip: CEDARBURG WI 53012

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Jeff Hosler
Print Name: JEFFREY L. HOSLER
Firm: TEMCO

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

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

Facility/Project Name	County Name	Well Name
6 POINTS/FARMERS MARKET PROP. # 705	MILWAUKEE	MW-7

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	41	_____	___

1. Can this well be purged dry? ☑ Yes ☐ No

2. Well development method

surged with bailer and bailed	☑	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☐	51
pumped slowly	☐	50
Other _____	☐	

3. Time spent developing well 60 min.

4. Depth of well (from top of well casisng) 15.1 ft.

5. Inside diameter of well 2.0 in.

6. Volume of water in filter pack and well casing 11.9 gal.

7. Volume of water removed from well 10.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added _____

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 6.75 ft.	15.11 ft.
Date	b. 05/14/2003 (m m d d y y y y)	05/14/2003 (m m d d y y y y)
Time	c. 12:30 ☐ a.m. ☑ p.m.	01:30 ☐ a.m. ☑ p.m.
12. Sediment in well bottom	1.0 inches	0.5 inches
13. Water clarity	Clear ☐ 10 Turbid ☑ 15	Clear ☑ 20 Turbid ☐ 25
(Describe)	SLIGHT	NEARLY CLEAR
14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: JEFFREY Last Name: HOSLER
Firm: TEMCO

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: JEFFREY Last Name: HOSLER
Facility/Firm: TEMCO
Street: P.O. BOX 856
City/State/Zip: CEDARBURG WI 53012

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: J. Hosler
Print Name: JEFFREY L. HOSLER
Firm: TEMCO

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

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

Facility/Project Name	County Name	Well Name
6 POINTS/FARMERS MARKET PROP. # 705	MILWAUKEE	MW-8

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	41	_____	___

1. Can this well be purged dry? ☑ Yes ☐ No

2. Well development method

surged with bailer and bailed	☑ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 60 min.

4. Depth of well (from top of well casisng) 13.0 ft.

5. Inside diameter of well 2.0 in.

6. Volume of water in filter pack and well casing 14.6 gal.

7. Volume of water removed from well 10.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added _____

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 2.67 ft.	12.97 ft.
Date	b. 05/14/2003 (m m d d y y y y)	05/14/2003 (m m d d y y y y)
Time	c. 12:30 ☐ a.m. ☑ p.m.	01:30 ☐ a.m. ☑ p.m.
12. Sediment in well bottom	1.0 inches	0.5 inches
13. Water clarity	Clear ☐ 10 Turbid ☑ 15 (Describe) SLIGHT	Clear ☑ 20 Turbid ☐ 25 (Describe) NEARLY CLEAR

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	_____.__ mg/l	_____.__ mg/l
15. COD	_____.__ mg/l	_____.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: JEFFREY Last Name: HOSLER
Firm: TEMCO

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: JEFFREY Last Name: HOSLER
Facility/Firm: TEMCO
Street: P.O. BOX 856
City/State/Zip: CEDARBURG WI 53012

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Jeff Hosler
Print Name: JEFFREY L. HOSLER
Firm: TEMCO

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

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

Facility/Project Name	County Name	Well Name
6 POINTS/FARMERS MARKET PROP. # 705	MILWAUKEE	MW-9

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	41	------	---

1. Can this well be purged dry? ☑ Yes ☐ No

2. Well development method

surged with bailer and bailed	☑	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☐	51
pumped slowly	☐	50
Other _____	☐	

3. Time spent developing well 60 min.

4. Depth of well (from top of well casisng) 13.3 ft.

5. Inside diameter of well 2.0 in.

6. Volume of water in filter pack and well casing 14.8 gal.

7. Volume of water removed from well 10.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added _____

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 2.87 ft.	13.30 ft.
Date	b. 05/14/2003 (m m d d y y y y)	05/14/2003 (m m d d y y y y)
Time	c. 02:00 ☐ a.m. ☑ p.m.	03:00 ☐ a.m. ☑ p.m.
12. Sediment in well bottom	1.0 inches	0.5 inches
13. Water clarity	Clear ☐ 10 Turbid ☑ 15 (Describe) VERY TURBID	Clear ☐ 20 Turbid ☑ 25 (Describe) LOW TURBIDITY

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: JEFFREY Last Name: HOSLER
Firm: TEMCO

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: JEFFREY Last Name: HOSLER
Facility/Firm: TEMCO
Street: P.O. BOX 856
City/State/Zip: CEDARBURG WI 53012

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: J. L. Hosler
Print Name: JEFFREY L. HOSLER
Firm: TEMCO

APPENDIX E

SOIL BORING ABANDONMENT FORMS

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 3-95

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

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: TMW-3

County: MILWAUKEE

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

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

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

Civil Town Name

~~Street Address of Well~~ WTM91 COORDINATES X=683564 Y=284300

City, Village: WEST ALLIS

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

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

WI Unique Well No. _ _ _ _ _ _

Reason For Abandonment: TEMPORARY GROUNDWATER MONITORING WELL FOR PHASE II ESA

Date of Abandonment: 20MAR03

WELL/DRILLHOLE/BOREHOLE INFORMATION

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

(Date): 19JUN02

☑ 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.) 12.0 (From groundsurface)
Casing Diameter (in.) 0.75
Casing Depth (ft.) 7.0

Lower Drillhole Diameter (in.) 2.0

Was Well Annular Space Grouted? ☑ Yes ☐ No ☐ Unknown
If Yes, To What Depth? 2.0 Feet

(4) Depth to Water (Feet) ___

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

If No, Explain ___

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

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

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

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

(7) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	12.0	<1 SACK	

(8) Comments: ___

(9) Name of Person or Firm Doing Sealing Work: TEMCO

Signature of Person Doing Work: [signature] Date Signed: 21FEB05

Street or Route: P.O. BOX 856 Telephone Number: (262) 675-6206

City, State, Zip Code: CEDARBURG WI 53012

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

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 3-95

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

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: TMW-4

County: MILWAUKEE

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

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

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

Civil Town Name:

~~Street Address of Well~~ WTM91 COORDINATES X=683564 Y=284300

City, Village: WEST ALLIS

(2) FACILITY NAME

Original Well Owner (If Known):

Present Well Owner:

Street or Route:

City, State, Zip Code:

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

WI Unique Well No.:

Reason For Abandonment: TEMPORARY GROUNDWATER MONITORING WELL FOR PHASE II ESA

Date of Abandonment: 20 MAR 03

WELL/DRILLHOLE/BOREHOLE INFORMATION

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

(Date): 19 JUN 02

☑ Monitoring Well
☐ Water Well
☐ Drillhole
☐ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify): DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) (From groundsurface): 11.0

Casing Diameter (in.): 0.75

Casing Depth (ft.): 6.0

Lower Drillhole Diameter (in.): 2.0

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

If Yes, To What Depth? 2.0 Feet

(4) Depth to Water (Feet) ___

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

If No, Explain: ___

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

(5) Required Method of Placing Sealing Material

☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☑ Other (Explain): GRAVITY

(6) Sealing Materials

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

For monitoring wells and monitoring well boreholes only

☐ Bentonite Pellets
☑ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	11.0	< 1 SACK	

(8) Comments: ___

(9) Name of Person or Firm Doing Sealing Work: TEMCO

Signature of Person Doing Work: [signature]

Date Signed: 21FEB05

Street or Route: P.O. BOX 856

Telephone Number: (262) 675-6206

City, State, Zip Code: CEDARBURG WI 53012

(10) FOR DNR OR COUNTY USE ONLY

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

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 3-95

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

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: TMW-5

County: MILWAUKEE

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

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

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

Civil Town Name

~~Street Address of Well~~ WTM91 COORDINATES X=683564 Y=284300

City, Village: WEST ALLIS

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

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

WI Unique Well No.

Reason For Abandonment: TEMPORARY GROUNDWATER MONITORING WELL FOR PHASE II ESA

Date of Abandonment: 20MAR03

WELL/DRILLHOLE/BOREHOLE INFORMATION

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

(Date): 19JUN02

☑ 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.) 11.0 (From groundsurface)
Casing Diameter (in.) 0.75
Casing Depth (ft.) 6.0

Lower Drillhole Diameter (in.) 2.0

Was Well Annular Space Grouted? ☑ Yes ☐ No ☐ Unknown
If Yes, To What Depth? 2.0 Feet

(4) Depth to Water (Feet)

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

If No, Explain

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

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

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

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

(7) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	11.0	1 SACK	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work: TEMCO

Signature of Person Doing Work: [signature] Date Signed: 21FEB05

Street or Route: P.O. BOX 856 Telephone Number: (262) 675-6206

City, State, Zip Code: CEDARBURG WI 53012

(10) FOR DNR OR COUNTY USE ONLY

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