LETTER OF TRANSMITTAL

To: **Victoria Stovall**
Wisconsin Department of Natural Resources
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Milwaukee, WI 53212-3128

From: **Stephen Meer, P.E.**
Sigma Environmental Services, Inc.
1300 W. Canal St.
Milwaukee, WI 53233

Date: July 14, 2011
Site Name: Former One Hour Martinizing
Address: 435 W. Wisconsin Avenue
Milwaukee, WI
FID# 341104610
BRRTS # 02-41-535783

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Type of Submittal:
☐ LUST ☑ ERP ☐ VPLE ☐ OTHER

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	Tank Closure/Site Assessment *where release(s) have been detected**	none	33
	Site Investigation Workplan	$500 if review is requested ~	35, 135~
	Site Investigation Report **Please Provide the Following Information**	$750 if review is requested ~	37, 137~ 96~ (if SI is incomplete)
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	☐ non-petroleum constituents detected		
	☐ groundwater impacts ☐ above PAL ☐ above ES		
	☐ free product		
	☐ contamination in fractured bedrock or within 1 meter of fractured bedrock		
	☐ PAL exceedance in potable well		
	☐ groundwater impacts >ES, within ☐ 100' of private well or ☐ 1,000' of public well		
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x	Remedial Action Options Plan	$750 if review is requested	39, 143~
	NR 720.19 Site Specific Clean-Up Goal Proposed	$750 if review is requested	67, 68~
	NR 718 Landspreading Request	$500 mandatory	61~
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	O&M Form 4400-194	$300 if review is requested	92, 192~
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	☐ GIS Registry groundwater greater >ES	$250 mandatory	700
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	Simple Site Process Submittal Under NR 700.11	none	90~
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	Construction Documentation Reports	$250 if review is requested	151, 152~
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SITE INVESTIGATION SUMMARY REPORT & REMEDIAL ACTION PLAN

435 W. WISCONSIN AVENUE
MILWAUKEE, WISCONSIN

BRRTS # 02-41-535783
FID # 341104610

PREPARED FOR:

REDEVELOPMENT AUTHORITY OF THE CITY OF MILWAUKEE
809 NORTH BROADWAY
MILWAUKEE, WI 53202

PREPARED BY:

SIGMA ENVIRONMENTAL SERVICES, INC.
1300 WEST CANAL STREET
MILWAUKEE, WI 53233

PROJECT REFERENCE: #12422

JULY 2011

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EXECUTIVE SUMMARY

Sigma Environmental Services, Inc. (Sigma), on behalf of the Redevelopment Authority of the City of Milwaukee (RACM), has completed additional subsurface investigation activities at the property located at 435 W. Wisconsin Avenue in Milwaukee, Wisconsin (hereinafter the "site"). The investigation activities were performed to 1) better delineate the horizontal and vertical extent of the contaminants identified during the previously completed investigation activity; 2) satisfy the requirements of NR 716 for subsurface investigations, and 3) generate sufficient geologic and hydrogeologic data to evaluate potential remediation options as necessary.

Chlorinated volatile organic compound (CVOC), polycyclic aromatic hydrocarbon (PAH),and total lead impacts to soil and CVOC, PAH, arsenic and cadmium impacts to groundwater were detected during Phase II ESA activities completed at the site in August 1998 and August 2004. Based on the results of the initial Phase II ESA activities, a release was reported to the Wisconsin Department of Natural Resources (WDNR) in November 2004. The WDNR assigned BRRTS number 02-41-535783 to the site. A summary of the completed Phase II ESA activities and the associated results were previously presented to the WDNR in February 2005 as part of the Voluntary Party Liability Exemption (VPLE) Application process by others. RACM is not participating in the VPLE program.

Between March and May 2011, Sigma conducted additional subsurface investigation activities which consisted of eleven additional Geoprobe® soil borings (GP-1 through GP-11), one additional hollow-stem auger soil boring (MW-8) which was converted into a shallow groundwater monitoring well (MW-8), and collection of one round of groundwater samples from the monitoring well network for laboratory analysis of VOCs and/or PAHs, dissolved arsenic, or dissolved cadmium.

The site appears to be covered with five to eleven feet of fill material comprised of soft clayey silt containing gravel and traces of sand along with variable amounts of concrete and brick debris in some areas. The lithology beneath the fill material generally consists of deposits of fine clayey silts and silty clays with intermittent seams of fine silty sands to the maximum depth investigated, 32 feet bgs. Depth to groundwater was observed to be approximately 7 to 9 feet bgs and appears to flow in an easterly/northeasterly direction across the site based on static water level measurements in the site monitoring wells.

Soil quality data collected to date indicates that PVOCs, PAHs, CVOCs, and lead have been detected at locations across the site at concentrations greater than applicable regulatory standards. The extent of the soil impacts has been defined to the extent necessary to recommend a remedial action by Sigma's supplemental subsurface investigation activities.

Select CVOCs were reported at concentrations greater than applicable ch. NR 140 Enforcement Standards (ESs), and benzene and dissolved arsenic were reported at concentrations greater than applicable ch. NR 140 Preventive Action Limits (PALs) within groundwater samples collected from site monitoring wells. The extent of identified impacts to groundwater has been delineated.

Based on the completed site investigation activities to date, Sigma proposes to perform soil remediation via excavation and off-site disposal to address the residual CVOC impacted area in the northwest – north central portion of the site.

Following completion of the remedial excavation activities, the paved parking area will act as an engineered barrier to eliminate the direct contact exposure pathway as well as act as a barrier to precipitation infiltration for the soil to groundwater pathway associated with residual CVOC and PAH impacts present in the subsurface. Existing and replacement monitoring wells will be sampled after the completion of the soil remediation work to evaluate the effectiveness of the soil excavation activities and monitor natural attenuation. Should additional groundwater data support natural attenuation and plume stability, RACM will pursue regulatory site closure with placement of the subject property in the Department's Soil and Groundwater GIS Registries of Contaminated Sites.

CERTIFICATION STATEMENTS

I, Randy E. Boness, hereby certify that I am a registered professional geologist in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 10, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Signature
Geosciendes Group Leader

Date and Stamp

I, Stephen R. Meer, hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Signature
Project Engineer

Date and Stamp

SITE INVESTIGATION SUMMARY REPORT &
REMEDIAL ACTION PLAN
435 W. Wisconsin Avenue
Milwaukee, Wisconsin

1.0 INTRODUCTION

The Redevelopment Authority of the City of Milwaukee (RACM) retained Sigma Environmental Services, Inc. (Sigma) to conduct supplemental subsurface site investigation activities at the property located at 401 – 441 W. Wisconsin Avenue in Milwaukee, Wisconsin (hereinafter the "site"). The supplemental site investigation activities were conducted at the site to further delineate the degree and extent of previously identified subsurface impacts at the site.

Chlorinated volatile organic compound (CVOC), polycyclic aromatic hydrocarbon (PAH),and total lead impacts to soil and CVOC, PAH, arsenic and cadmium impacts to groundwater were detected during Phase II ESA activities completed at the site in August 1998 and August 2004. Based on the results of the initial Phase II ESA activities, a release was reported to the Wisconsin Department of Natural Resources (WDNR) in November 2004. The WDNR assigned BRRTS number 02-41-535783 to the site. A summary of the completed Phase II ESA activities and the associated results were previously presented to the WDNR in February 2005 as part of the Voluntary Party Liability Exemption (VPLE) Application process by others. RACM is not participating in the VPLE program. In addition, a Site Investigation Work Plan dated February 15, 2005 and detailing proposed additional site investigation activities was submitted to the WDNR for review. The WDNR subsequently approved the Site Investigation Workplan in a letter dated April 25, 2005 with the comment that the degree and extent of the VOC soil contamination in the area of the former dry cleaner should be better defined.

Supplemental site investigation activities were completed at the site between March and May 2011 in general accordance with the February 2005 Work Plan approved by the WDNR. This report documents and discusses the additional site investigation activities, provides a summary of site investigation activities completed to date, provides an interpretation of the data collected relative to established State and Federal rules and regulations, and provides recommendations for remedial actions at the site. Investigation activities were completed in accordance with Wisconsin rules and regulations at the time work was performed; specifically, WAC Chapter NR 700 through NR 746 (NR 700 through NR 746), WAC Chapter NR 140 (NR 140), and WAC Chapter NR 141 (NR 141).

2.0 PURPOSE and SCOPE OF WORK

2.1 Purpose of Work

The purpose of Sigma's supplemental site investigation was to: 1) better delineate the horizontal and vertical extent of the contaminants identified during the previously completed site investigation activity; 2) satisfy the requirements of NR 716 for subsurface investigations, and 3) generate sufficient geologic and hydrogeologic data to evaluate potential remediation options as necessary.

2.2 Scope of Work

Sigma completed the following scope of work between March and May 2011:

- Collected a round of static water level measurements from existing groundwater monitoring wells/piezometers at the site.
- Advanced eleven additional Geoprobe® soil borings (GP-1 through GP-11) in April 2011 to further evaluate the degree and extent of previously identified impacts to subsurface soils. Following completion, the Geoprobe® soil borings were properly abandoned in accordance with ch. NR 141, Wisc. Admin. Code
- Advanced one additional hollow stem auger soil boring (MW-8). A ch. NR 141 compliant groundwater monitoring well was installed at boring location MW-8.
- Collected 29 soil samples for laboratory analysis of VOCs or PAHs.
- Developed and surveyed the location of additional groundwater monitoring well MW-8.
- Collected an additional round of groundwater samples from the monitoring well network (MW-1 through MW-8 and PZ-1) for laboratory analysis of one or more of the following: VOCs, PAHs, dissolved arsenic, and dissolved cadmium. *In situ* groundwater parameters (dissolved oxygen, ferrous iron, pH, and groundwater temperature) were also collected during the sampling event.

2.3 Project Team

The following parties are associated with this project:

<u>Client/Property Owner</u>:
Redevelopment Authority of the City of Milwaukee
809 North Broadway
Milwaukee, Wisconsin 53202

Telephone: (414) 286-5693
Contact: Mr. Mat Reimer

Environmental Consulting Firm:
Sigma Environmental Services, Inc.
1300 West Canal Street
Milwaukee, Wisconsin 53233
Telephone: (414) 643-4200
Project Manager: Mr. Stephen Meer, P.E.

Regulatory Oversight:
Wisconsin Department of Natural Resources
Remediation & Redevelopment Program
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee, Wisconsin 53212

3.0 BACKGROUND INFORMATION

3.1 Site Location

The site is located in the northwest ¼ of the southeast ¼ of Section 29, Town 7 North, Range 22 East, City of Milwaukee, Milwaukee County, Wisconsin (refer to **Figure 1**). Specifically, the site address is 401 W. Wisconsin Avenue, Milwaukee, Wisconsin. The 435 W. Wisconsin Avenue address is associated with the location of the former dry cleaner and this address is now part of the 401 W. Wisconsin Avenue property. The subject property's tax key number is 3610726110 and zoning is currently commercial (major retail). The current owner of the subject property is RACM. A site plan map is included as **Figure 2**.

The geographic coordinates (presented in the Wisconsin Transverse Mercator '91 format) of the approximate center of site area are: 689672, 287206. The coordinates were determined by locating of the site on an aerial photograph presented on the WDNR's interactive Geographic Information System (GIS) internet site.

3.2 Site Description

The subject property has historically been used for commercial and light industrial (envelope manufacturing) purposes. The lot is located on the south side of W. Wisconsin Avenue between N. 4th Street and N. 5th Street. Adjoining the site to the north is W. Wisconsin Avenue, North 4th Street to the east, an above-ground parking structure to the south, and N. 5th Street to the west. The entire site is an asphalt-paved surface parking lot, approximately 2 acres in size. The surface topography in general slopes slightly downward to the east with the ground surface located at an approximate elevation of 598 feet Mean Sea Level (MSL).

The City of Milwaukee completed a Phase I ESA of the site in February 2004. As summarized in the Phase I ESA report, the following historic uses of the parcel raised concerns regarding the potential for site impact: envelope manufacturing, cleaning service, sign business, dry cleaning business, auto sales and parking and a possible gasoline leak.

3.2.1 Utility Review

Information regarding underground utilities was obtained by contacting "Diggers Hotline" and through field observations made by Sigma personnel. The site was formerly serviced by water and sanitary sewer lines. Underground utilities (water and sanitary sewer) entered the site from W. Wisconsin Avenue. Overhead electric lines currently enter the site. The site is also bisected from north to south by a vacated public right-of-way that houses underground utilities, including a steam tunnel. Locations of known utility lines are shown on **Figure 2**.

3.2.2 Potential Contaminant Receptors

A review of well constructor logs obtained from the Wisconsin Geological and Natural History Survey indicates that no potable wells are located down gradient of the site for a minimum of ½ mile. As a result, the large lateral distance minimizes potential risk of groundwater impacts migrating to off-site potable wells. In addition, the City of Milwaukee is provided with municipal supplied water from Lake Michigan.

The closest surface water body is the Milwaukee River, which is located approximately ¼ mile in a down-gradient direction from the site. The large lateral distance minimizes the potential risk of groundwater impacts migrating to off-site surface water.

As described above, underground utilities are located in the W. Wisconsin Avenue right of way to the north of the site. Utilities located in the vacated public right-of-way in the central area of the site may intersect areas of observed contamination. Evaluation of potential contaminant migration to below ground utilities will be evaluated during the course of the proposed remediation activities as described in subsequent sections of this report.

3.3 Previous Investigation Activities

3.3.1 Phase I Environmental Assessment

The City of Milwaukee Department of City Development completed a Phase I Environmental Site Assessment (ESA) in April 2004. Potential environmental concerns as recognized in the Phase I ESA included:

- historical land uses of the property including dry cleaners, printers, sign painter, paint shop, tire center, One-Hour Martinizing, and an envelope manufacturer.

3.3.2 Initial Phase II Activities

Initial Phase II ESA subsurface site investigation activities were completed by Graef Anhalt Schloemer (GAS) in August 1998 to evaluate potential impacts to soil and groundwater resulting from the historical site operations. The initial site investigation activities produced the following results:

- Laboratory analysis of soil samples for polynuclear aromatic hydrocarbons (PAHs) indicated reported concentrations of select PAH constituents greater than the WDNR interim guidance Residual Contaminant Levels (RCLs) for the direct contact pathway at a non-industrial and/or industrial site within soil samples collected from soil boring B-1. A reported concentration of diesel range organics (DRO) greater than the NR 720 RCL.

- No concentrations of petroleum volatile organic compounds (VOCs) greater than ch. NR 720.09 generic RCLs or ch. NR 720.19 generic EPA Soil Screening Level (SSL) RCLs[1] were reported within soil samples collected from soil borings at the site.

- Tetrachloroethene (PCE) and trichloroethene (TCE) were reported at concentrations greater than laboratory method detection limits within soil samples collected from the site. PCE and TCE were reported at a concentration greater than the ch. NR 720.19 EPA SSL RCL for the protection of groundwater within a soil sample collected from soil boring B-1 between 10 and 12 feet bgs.

- A grab groundwater sample was collected from soil boring B-1 and laboratory analyzed for VOCs. Select chlorinated VOCs reported within the groundwater sample exceeded applicable ch. NR 140 Enforcement Standards (ESs) or Preventive Action Limits (PALs).

A copy of the report summarizing the initial Phase II investigation activities and their results was provided to the WDNR in February 2005.

3.3.3 Additional Phase II Activities

Additional Phase II ESA subsurface site investigation activities were completed by Sigma between August and September 2004 to further evaluate impacts to soil and groundwater identified during initial Phase II activities. The supplemental site investigation activities produced the following results:

---

[1] Generic residual contaminant levels (RCLs) consistent with ch. NR 720 Wis. Adm. Code were established for specific chemicals by using WDNR default values in algorithms contained in EPA's Risk Assessment Guidance web site http://risk.lsd.ornl.gov/calc_start.shtml

- Identified soil impacts at the site include shallow PAH impacts in the vicinity of the soil borings MW-1, MW-6, and MW-7 and shallow lead impacts in the vicinity of soil borings MW-4 and MW-7.

- CVOC soil impacts have also been identified with the highest concentrations reported within soil samples collected from soil borings MW-2 and MW-3 at depths between 9 to 13 feet bgs.

- Benzene was reported at a concentration greater than the ch. NR 140 PAL within the groundwater sample collected from monitoring well MW-2.

- CVOC impacts to groundwater at the site include concentrations of PCE, TCE, cis-1,2-dichloroethylene, and vinyl chloride greater than ch. NR 140 ESs within monitoring wells MW-2 and MW-3, concentrations of PCE, TCE, and vinyl chloride greater than the ch. NR 140 ES in piezometer PZ-1, and concentrations of PCE and TCE greater than the ch. NR 140 ES in monitoring well MW-5.

- PAH impacts to groundwater at the site appear to be limited to concentrations of benzo(a)pyrene, benzo(b)fluoranthene, chrysene, and naphthalene greater than their respective ch. NR 140 PALs in monitoring well MW-7.

- Dissolved arsenic was reported at a concentration greater than the ch. NR 140 PAL within the groundwater sample collected from monitoring well MW-1. Dissolved cadmium was reported at concentrations greater than ch. NR 140 ESs or PALs within each of the groundwater samples collected from site monitoring wells.

A detailed summary of the supplemental investigation activities and results was presented to the WDNR in February 2005. Based on the results from these activities, Sigma recommended and implemented additional site investigation activities to further delineate the horizontal and vertical extent of the contaminants identified at the site.

4.0 SUBSURFACE INVESTIGATION ACTIVITIES

4.1 Geoprobe® Soil Borings

On April 7, 2011, Sigma oversaw the completion of eleven Geoprobe® soil borings (GP-1 through GP-11) in the western portion of the site. The soil boring locations were selected to further evaluate the degree and extent of VOC impact to subsurface soils in the area of the site where the greatest concentrations of chlorinated VOC compounds have been observed, and to further delineate the extent of elevated PAH concentrations in shallow soils in the vicinity of MW-6. The locations of soil borings (GP-1 through GP-11) are shown on **Figure 2.**

During soil boring advancement, soil samples were continuously collected and described on the basis of color, grain size, texture, and plasticity, and were classified in general accordance with the USCS. Soil classifications, description and specific sampling intervals are presented on the soil boring logs in **Appendix A.** A split portion of each soil sample was also screened in the field with a calibrated organic vapor monitor (OVM) to measure for the presence of volatile organic vapors. Soil classifications, descriptions, specific sampling intervals, and OVM readings are presented on the soil boring logs (WDNR Form 4400-122) in **Appendix A.**

A total of 27 soil samples collected from soil borings GP-1 through GP-11 were submitted for laboratory analysis of VOCs or PAHs. Soil samples selected for laboratory submittal were collected from a range of depths below the ground surface to further delineate the horizontal and vertical extent of previously identified impacts. Following completion of the soil borings, the boreholes were abandoned in accordance with Ch. NR 141. Borehole abandonment forms are included in **Appendix B.**

4.2 Monitoring Well Installation

On April 19, 2011, one hollow-stem-auger soil boring (MW-8) was advanced at the site to a depth of 15 feet bgs. The soil boring location is identified on **Figure 2.**

The hollow-stem auger soil boring was advanced using 4¼ inch inside diameter hollow stem augers. During advancement of the soil boring, soil samples were collected on a continuous basis using a split spoon sampling tube and described on the basis of color, texture, grain size, and plasticity, and classified in accordance with the USCS. The soil classifications, sampling intervals, and descriptions are presented on the Soil Boring Logs in **Appendix A.** Soil samples were collected from each sampling interval and containerized for head space analysis using an organic vapor monitor (OVM) that was periodically calibrated for direct response to 250 ppm isobutylene in air. Field screening results are presented on Soil Boring Logs in **Appendix A.**

Soil samples were also collected from each sample interval, containerized and preserved (where necessary) for potential laboratory analysis of VOCs. Select soil samples, accompanied by a chain-of-custody document, were submitted to a certified laboratory for analysis based on field screening results and observations.

Following completion of the soil boring, a Ch. NR 141 compliant monitoring well was installed in boring MW-8. The monitoring well was constructed with a 10-foot length of two-inch diameter PVC screen (0.010 machine slotted) connected to an appropriate length of two-inch diameter PVC riser pipe. The screen was positioned to intersect the groundwater table as observed during the drilling activities. A monitoring well construction form is included as **Appendix C.**

Well development activities were completed in accordance with Chapter NR 141 to remove fine sediment from the monitoring well annulus and filter pack and to establish a hydraulic

connection with the surrounding formation. On May 2, 2011 monitoring well MW-8 was developed by surging and purging with a bailer. A monitoring well development form is included as **Appendix C**.

The elevation and location of the new monitoring well were determined by a professional survey with a horizontal control accuracy of ±1.0 feet and a vertical accuracy of ±0.01 foot. Elevation data was referenced to a local USGS datum in feet above Mean Sea Level (MSL).

4.3 Static Water Level Measurements

Static water levels were obtained from the monitoring well network to determine the horizontal groundwater flow direction, calculate hydraulic gradients, and monitor temporal fluctuations in the water table. The water levels were measured with an electronic water level indicator to the nearest one-hundredth of a foot and were referenced to the surveyed monitoring well top of casing elevation.

4.4 Groundwater Sampling and Analysis

Groundwater samples were collected from the monitoring well network on May 5, 2011. Groundwater samples collected from the entire monitoring well network were submitted for laboratory analysis of VOCs and dissolved cadmium. The groundwater sample collected from monitoring well MW-2 was submitted for laboratory analysis of dissolve arsenic. In addition, the groundwater sample collected from monitoring well MW-7 was submitted for laboratory analysis of PAHs. *In-situ* groundwater parameters (dissolved oxygen, ferrous iron, pH, and groundwater temperature) were also collected during each sampling event.

A duplicate groundwater sample and equipment blank were also submitted during the groundwater sampling events for quality assurance/quality control purposes. Duplicate groundwater samples were collected as a means to measure laboratory precision. Equipment blanks were analyzed to determine if contaminants infiltrated the sample during transportation or field procedures.

4.5 Investigative Waste Handling

Soil cuttings from HSA soil borings were placed in 55-gallon steel drums and subsequently transported off site for disposal at Waste Management's Metro RDF under profile number 113368WI. Disposal documentation is included as **Appendix D**.

5.0 INVESTIGATION RESULTS

5.1 Geology

Based on information obtained during Sigma's subsurface investigation, the site appears to be covered with five to eleven feet of fill material comprised of soft clayey silt containing gravel and traces of sand along with variable amounts of concrete and brick debris in some areas. The lithology beneath the fill material generally consists of deposits of fine clayey

silts and silty clays with intermittent seams of fine silty sands to the maximum depth investigated, 32 feet bgs. The specific soil characteristics and depths encountered during drilling activities are shown on the soil boring logs in **Appendix A.** Geologic cross sections of the site are presented as **Figures 3** and **4.**

5.2 Hydrogeology

Based on soil moistures recorded during drilling and sampling activities, groundwater was estimated to be approximately 8 to 10 feet bgs at the site. Static water levels as measured in the groundwater monitoring wells were used to determine the horizontal direction of shallow groundwater flow and hydraulic gradients beneath the site. On May 5, 2011, groundwater was present in the monitoring wells at depths ranging from approximately 7 to 9 feet bgs. Based on the currently available static groundwater elevations, groundwater appears to flow in an easterly/northeasterly direction across the site. The approximate horizontal hydraulic gradient based on the May 2011 groundwater elevation data was estimated to be 0.025 feet per foot. The approximate vertical gradient, based on groundwater elevation data measured in monitoring well MW-3 and piezometer PZ-1, is 0.01 feet/foot upward. Groundwater elevations are presented in **Table 1.** A groundwater contour map based on these data is presented as **Figure 5.**

5.3 Soil Quality Results

5.3.1 Petroleum VOCs

Review of the analytical results from Sigma's additional subsurface investigation activities indicate the soil sample collected from soil boring GP-11 between 10 and 12 feet bgs contained a concentration of benzene greater than the ch. NR 720 RCL for the protection of groundwater. No other soil samples collected during the additional site investigation activities contained concentrations of petroleum VOCs greater than applicable RCLs.

Based on analytical results collected to date, there are no significant or extensive PVOC impacts at the subject property.

5.3.2 Chlorinated VOCs

Generic RCLs consistent with ch. NR 720 Wis. Adm. Code were established for chlorinated VOCs by using WDNR default values in algorithms contained in EPA's Risk Assessment Guidance web site http://risk.lsd.ornl.gov/calc start.shtml for specific chemicals. In all cases, the soil to groundwater and volatile inhalation exposure pathways yielded the most conservative (lowest) criteria. These criteria are presented on **Table 2.**

Concentrations of one or more CVOC constituents were reported greater than calculated RCLs within the following soil samples: GP-4 (10-12 feet and 14-16 feet bgs), GP-6 (8-10 feet bgs), GP-7 (4 to 6 feet, 10-12 feet, and 14-16 feet bgs), GP-9 (6 to 8 feet bgs), and GP-11 (10 to 12 feet bgs). Concentrations of one or more CVOC constituents were reported greater than laboratory method detection limits but below applicable RCLs within

the following soil samples: GP-4 (4 to 6 feet bgs), GP-5 (10-12 feet bgs), GP-6 (4 to 6 feet bgs), and GP-9 (2 to 4 feet bgs). No other CVOC constituents exceeded laboratory method detection limits within the soil samples collected during the additional Phase II activities.

Review of the analytical results from soil samples collected during subsurface investigation activities completed to date indicate the highest CVOC concentrations were reported within soil samples collected between 8 and 13 feet bgs from soil borings GP-6, MW-2 and MW-3, located in the northwest-north central portion of the site. These soil samples were collected at depths at or below the water table observed within monitoring wells MW-2 and MW-3; therefore, the reported concentrations may be representative of groundwater contamination rather than soil contamination.

Soil sampling completed to date has not identified significant concentrations of CVOC constituents within shallow soil samples collected at the site. Approximately 8 to 12 feet of fill material have been observed within the area of the highest reported CVOC concentrations. Therefore, it is possible that the buildings formerly located at the subject site included basement levels and that the release of CVOC constituents occurred at the basement level of the former buildings.

The horizontal extent of the observed CVOC impacts that appear to originate in the northwest portion of the site have been approximately delineated to the east by soil borings GP-7 and GP-8, to the southeast by soil boring GP-9, to the south by soil boring GP-10, to the west by soil boring GP-4, and to the north by soil boring GP-5.

5.3.3 PAHs

One soil sample each collected from soil borings GP-1, GP-2, and GP-3 during Sigma's additional subsurface investigation activities were submitted for laboratory analysis of PAHs. The soil samples collected from soil borings GP-1 through GP-3 at 1 to 3 feet bgs contained concentrations of one or more PAH constituents greater than Interim Guidance RCLs for the direct contact pathway.

Review of the soil boring logs from the area of soil borings GP-1 through GP-3 and MW-6 indicates that a distinct type of fill material is present in the southwest area of the site. The observed shallow fill material within this area includes clayey silt with varying amounts of gravel, concrete and brick debris, and cinders. Based on the consistent nature of the fill material within this area and the observed PAH impacts within the same area, the PAH impacts are likely associated with the fill material present in this area and not with a distinct "release".

As the observed PAH impacts are likely associated with fill material currently covered by asphalt pavement, no additional investigation is warranted at this time.

5.3.4 RCRA Metals

No soil samples collected during the 2011 soil sampling activities were submitted for laboratory analysis of RCRA metal constituents. Soil samples collected during previous Phase II sampling indicate that concentrations of arsenic greater than ch. NR 720 RCLs for the direct contact pathway but typical of background concentrations at sites in southeastern Wisconsin are present within the majority of soil samples. In addition, concentrations of lead greater than ch. NR 720 RCLs for the direct contact pathway at a non-industrial site were reported within soil samples collected from soil borings MW-4 and MW-7 between 1 to 3 feet bgs. The identified impacts are currently located beneath asphalt pavement at the site.

Soil quality data from Sigma's site investigation activities are presented in **Table 2** and on **Figure 6**. Copies of the soil laboratory analytical reports from Sigma's additional soil investigation activities are included in **Appendix E**.

5.4 Groundwater Analytical Results

5.4.1 Petroleum VOCs

Petroleum VOC constituent benzene was reported at a concentration greater than the Ch. NR 140 PAL in the May 2011 groundwater sample collected from monitoring well MW-2. None of the other May 2011 groundwater samples collected from site monitoring wells contained reported concentrations of PVOC constituents greater than applicable ch. NR 140 PALs.

5.4.2 Chlorinated VOCs

CVOC constituents reported at concentrations greater than applicable ch. NR 140 standards within groundwater samples collected during the most recent sampling round (May 2011) include the following:

- PCE and TCE reported at concentrations greater than the ch. NR 140 ES within groundwater samples collected from monitoring wells MW-2, MW-3, and PZ-1;
- Cis-1,2-DCE and vinyl chloride reported at concentrations greater than the ch. NR 140 ES within the groundwater samples collected from monitoring wells MW-2 and MW-3;
- 1,1-Dichloroethene reported at concentrations greater than the ch. NR 140 PAL within the groundwater samples collected from monitoring wells MW-2 and MW-3; and
- Trans-1,2-dichloroethene reported at a concentration greater than the ch. NR 140 PAL within the groundwater sample collected from monitoring well MW-2.

The highest reported concentrations of CVOC constituents within groundwater samples are in groundwater samples collected from monitoring wells MW-2 and MW-3, located in the area of the highest identified CVOC impact to soil. Based on the interpreted groundwater flow direction, the horizontal extent of CVOC impact to groundwater has been delineated

to the east by MW-7 and MW-8, to the south by MW-4, to the west by MW-5, and to the north by MW-1. CVOC impacts have been reported within groundwater samples collected from piezometer PZ-1, but the concentrations reported in groundwater samples collected from the May 2011 groundwater sampling event were consistent or lower than the reported concentrations from the initial sampling round.

5.4.3 PAHs

No PAH constituents were reported at concentrations greater than applicable ch. NR 140 standards within groundwater samples collected during the most recent sampling round (May 2011).

5.4.4 RCRA Metals

Dissolved arsenic was reported at a concentration greater than the ch. NR 140 PAL within the groundwater sample collected from monitoring well MW-2 in May 2011. No other RCRA metal constituents were reported at concentrations greater than applicable ch. NR 140 standards.

Groundwater analytical results are summarized on **Table 3** and presented on **Figure 7**. The laboratory analytical reports for groundwater samples are included as **Appendix F**.

During the groundwater sampling events, *in situ* groundwater parameters (dissolved oxygen, ferrous iron, pH, reduction-oxidation potential and groundwater temperature) were measured at each monitoring well to build a database of groundwater natural attenuation parameters. Dissolved oxygen levels are indicative of aerobic conditions, and pH conditions are neutral. *In-situ* groundwater measurements are summarized in **Table 3**.

5.5 Vapor Intrusion Pathway

There are no buildings currently located on the subject property; therefore no specific soil vapor sampling has been completed. If necessary, sampling to address the risk associated with volatile vapor migration or intrusion will be completed following completion of the remedial action recommended below.

5.6 Site Investigation Conclusions

Based on all investigation activities to date, it is concluded that:

- Identified soil impacts at the site include shallow PAH impacts in the area of soil borings MW-6 and GP-1 through GP-3, and shallow lead impacts in the vicinity of soil borings MW-4 and MW-7. These impacts do not appear to be attributable to a distinct "release" but are likely associated with fill material.

- CVOC soil impacts have also been identified with the highest concentrations reported within soil samples collected from soil boring locations in the northwest and north central area of the site. A shallow source for the impacts has not been identified.

- The extent of soil impacts have been adequately defined both horizontally and vertically with respect to the shallow groundwater table for the purposes of recommending a remedial action.

- During the most recent (May 2011) groundwater sampling event, a groundwater sample collected from MW-2 contained a reported concentration of benzene greater than the Ch. NR 140 PAL. Petroleum VOC constituents have not been reported at concentration greater than NR 140 PALs in any other groundwater samples collected from site monitoring wells.

- CVOC impacts to groundwater at the site appear to be limited to concentrations of CVOC constituents greater than ch. NR 140 ESs or PALs in monitoring wells MW-2, and MW-3 and piezometer PZ-1.

- Dissolved arsenic was reported at a concentration greater than the ch. NR 140 PAL within the May 2011 groundwater sample collected from monitoring well MW-2.

6.0 REMEDIAL ACTION PLAN

The site is currently an asphalt paved surface parking lot. The Redevelopment Authority of the City of Milwaukee or a subsequent property owner may potentially redevelop the site. The remedial actions recommended within this report are designed to reduce the potential risks associated with the identified soil impacts relative to human health via direct contact and leaching to groundwater exposure routes, minimize the potential risks to the environment associated with any residual groundwater impacts, and reduce the potential for volatile vapor intrusion into future structures that may be constructed at the site.

6.1 Pre-Remediation Soil Sampling

Sigma recently performed additional soil sampling within the area of identified CVOC soil impacts to further define the extent of impacts prior to implementation of the proposed remedial action. Seven additional soil borings (GP-12 through GP-18) were completed and three soil samples collected from each boring for laboratory analysis of VOCs. The locations of the additional soil borings are illustrated on **Figure 8**. Results of the additional sampling will be used to refine the limits of the proposed remedial action.

6.2 Soil Remediation – CVOC Impacts

Sigma recommends remediation via excavation and off-site disposal to address the area of identified CVOC soil impacts at the site. The soils will be excavated using conventional earth moving equipment (e.g., tracked excavator) and then transported off-site to an approved and licensed disposal facility. Physical removal of the soil from the area will greatly reduce the contaminant mass in the subsurface and therefore reduce or eliminate

the potential risks associated with migration of residual CVOC impacts into the shallow groundwater system.

Based on the soil data collected to date, a portion of the shallow soils from the area of identified impacts do not contain concentrations of CVOC constituents greater than applicable RCLs and will be set aside and re-used as backfill within the remedial excavation area. Remedial excavation activities will be implemented to address areas with confirmed concentrations of total CVOC constituents greater than 1,000 ug/kg (parts per billion). Using this proposed remediation goal, the extent of excavation activities will include the following soil boring/monitoring well locations: B-1, MW-2, MW-3, GP-6 and MW-5.

The reported chlorinated VOC contaminant concentrations are below applicable Protocol B Landfill Acceptance Limits and EPA Land Disposal Restriction (LDR) standards. Sigma has received approval for acceptance of soil from the proposed excavations at Waste Management's Orchard Ridge Landfill. The proposed soil excavation area is shown on **Figure 8**. As discussed above, results of the additional proposed soil sampling activities will be used to refine the area of excavation.

Prior to initiation of excavation activities, monitoring wells MW-2, MW-3, and MW-5 will be properly abandoned in accordance with Ch. NR 141. An excavation approximately 80 feet wide by 100 feet long by 15 feet deep (approximately 2,700 cubic yards with re-use of a portion of the shallow soil) is proposed to remove the residual CVOC impacts at the site. Soil will be screened with an OVM to help determine the final dimensions of the excavation area. Post-remediation soil samples will be collected from excavation sidewalls at appropriately spaced intervals and laboratory analyzed for VOCs. Post-remediation soil samples will not be collected from the base of the excavation because the excavation base will be below the groundwater table (saturated soil conditions). The excavation will be backfilled with stockpiled shallow soil and clean imported soil and compacted to grade. The asphalt pavement will be replaced following completion of the proposed excavation activities.

The paved parking area will act as an engineered barrier to eliminate the direct contact exposure pathway as well as act as a barrier to precipitation infiltration for the soil to groundwater pathway. The remedial action plan will rely also on the natural attenuation capacity of the tight clay dominated subsurface material to address potential receptor concerns associated with limited residual soil impact and migration of groundwater.

6.3 Additional Groundwater Remediation Activities

Groundwater data available to date indicate that although dissolved CVOC concentrations exceed select NR 140 ESs the observed concentrations are not significant enough to warrant groundwater remediation activities other than natural attenuation monitoring. Considering that potable water to the site and surrounding area is supplied by the City of Milwaukee, groundwater does not pose a significant risk to human health via ingestion.

However, additional groundwater monitoring is recommended to demonstrate that any dissolved contaminant concentrations will remain stable or decrease over time via natural attenuation processes.

Existing monitoring wells and replacement wells installed following completion of remedial excavation activities will be sampled after the completion of the soil remediation work to evaluate the effectiveness of the soil excavation activities and monitor natural attenuation. Sigma recommends that the groundwater sampling events be completed on a quarterly basis for one year to monitor seasonal variations, if any, in groundwater elevations and contaminant concentrations. Groundwater samples for the post-remediation rounds will be analyzed for VOCs and natural attenuation parameters including nitrate/nitrite, sulfate, and dissolved manganese. Additionally, *in situ* groundwater measurements (dissolved oxygen, reduction-oxidation potential, pH, ferrous iron, and temperature) will be recorded at each well location to further evaluate natural attenuation processes and geochemical groundwater conditions. Following one year of quarterly groundwater monitoring, available data will be evaluated to determine if additional groundwater monitoring is warranted or if case closure is appropriate.

6.4 Reporting

Following the soil remediation work, construction of the engineered barriers and post-remediation groundwater sampling events, a report will be prepared for the WDNR's review. If the groundwater plume exhibits stable or decreasing contaminant trends, case closure will be requested at that time. As required, any soil or groundwater GIS information and barrier maintenance plans will also be submitted with the case closure request.

6.5 Case Closure Instruments

Should additional groundwater data support natural attenuation and plume stability, RACM will pursue regulatory site closure with placement of the subject property in the Department's Soil and Groundwater GIS Registries of Contaminated Sites. A site maintenance plan will be prepared to ensure that the paved parking area is maintained in a manner that will continue to be protective of the aforementioned exposure pathways. Subsequent to Department case closure approval, all site monitoring wells and piezometers will be abandoned in accordance with ch. NR 141.

7.0 LIMITATIONS OF INVESTIGATION

This report was prepared under constraints of cost, time, and scope, and reflects a limited assessment and evaluation rather than a full, total, complete, or extensive assessment and evaluation. Our assessment was performed using the degree of care and skill ordinarily exercised, under similar circumstances, by professional consultants practicing in this or similar localities. No other warranty or guarantee, expressed or implied, is made as to the conclusions and professional advice included in this report.

The findings of this report are valid as of the present date of the assessment. However, changes in the conditions of a property can occur with the passage of time, whether due to natural processes or the works of man on this or adjacent properties. In addition, changes in applicable or appropriate standards may occur, whether they result from legislation, from the broadening of knowledge, or from other reasons. Accordingly, the findings of this report may be invalidated wholly or partially by changes outside our control.

The interpretations and conclusions contained in this report are based upon the result of independent laboratory tests and analysis intended to detect the presence and/or concentrations of certain chemical constituents in samples taken from the subject property. Sigma has no control over such testing and analysis and therefore, disclaims any responsibility for any errors and omissions arising therefrom.

A subsurface exploration was performed and presented in this report. However, subsurface exploration cannot totally reveal what is below the surface. Depending upon the sampling method and frequency, every soil condition may not be observed, and some materials or layers, which are present in the subsurface, may not be noted.

This report is issued with the understanding that it is the responsibility of the owner(s) to ensure that the information and recommendations contained herein are brought to the attention of the appropriate regulatory agency(ies).

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TABLES

Table 1
Groundwater Elevation Data
4th & Wisconsin Hotel Site
Milwaukee Wisconsin
Sigma Project #8823

Well Identification	Ground Surface Elevation (feet local datum)	Top of Casing Elevation (feet local datum)	Screen Interval (feet bgs)	Depth to Groundwater (feet toc)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet local datum)	Date
MW-1	598.46	598.10 Flush Mount	5.4-15.4	14.90	15.26	583.20	08/18/2004
				12.25	12.61	585.85	09/13/2004
				9.34	9.70	588.76	03/18/2011
				8.63	8.99	589.47	05/05/2011
MW-2	596.51	596.11 Flush Mount	5.4-15.4	9.12	9.52	586.99	08/18/2004
				9.35	9.75	586.76	09/13/2004
				9.14	9.54	586.97	03/18/2011
				8.57	8.97	587.54	05/05/2011
MW-3	597.5	597.13 Flush Mount	5.3-15.3	9.98	10.35	587.15	08/18/2004
				10.15	10.52	586.98	09/13/2004
				9.59	9.96	587.54	03/18/2011
				9.20	9.57	587.93	05/05/2011
PZ-1	597.71	597.32 Flush Mount	25.9-30.9	10.08	10.47	587.24	08/18/2004
				10.30	10.69	587.02	09/13/2004
				9.49	9.88	587.83	03/18/2011
				9.18	9.57	588.14	05/05/2011
MW-4	597.2	596.80 Flush Mount	5.5-15.5	7.96	8.36	588.84	08/18/2004
				8.35	8.75	588.45	09/13/2004
				7.52	7.92	589.28	03/18/2011
				6.57	6.97	590.23	05/05/2011
MW-5	598.92	598.53 Flush Mount	5.5-15.4	10.63	11.02	587.90	08/18/2004
				11.13	11.52	587.40	09/13/2004
				10.25	10.64	588.28	03/18/2011
				9.42	9.81	589.11	05/05/2011
MW-6	596.89	596.48 Flush Mount	5.3-15.3	9.48	9.89	587.00	08/18/2004
				9.15	9.56	587.33	09/13/2004
				8.71	9.12	587.77	03/18/2011
				8.32	8.73	588.16	05/05/2011
MW-7	594.3	593.53 Flush Mount	5.4-15.4	5.39	6.16	588.14	08/18/2004
				8.19	8.96	585.34	09/13/2004
				7.23	8.00	586.30	03/18/2011
				7.57	8.34	585.96	05/05/2011
MW-8	595.99	595.45		8.61	9.15	586.84	05/05/2011

Notes: MSL = mean sea level
feet toc = feet below top of casing
feet bgs = feet below ground surface

Table 2 (page 1 of 4)
Soil Quality Results - 401 W. Wisconsin Avenue
Milwaukee, Wisconsin
Sigma Project No. 12422

Soil Boring Identification:		MW-1		MW-2		PZ-1 & MW-3		MW-4	NR 720.09	NR 720.11	NR 720.11	NR 720.19	NR 720.19	NR 720.19	NR Interim	NR Interim	NR Interim
	Date	08/12/04		08/12/04		08/12/04		08/12/04									
Analytes	Depth	1-3	7-9	1-3	9-11	1-3	11-13	1-3	RCLs	RCLs	RCLs	EPA SSL RCLs	EPA SSL RCLs	EPA SSL RCLs	PAH Generic RCLs	PAH Generic RCLs	PAH Generic RCLs
RCRA Metals									GW Protection	Direct Contact Non-Ind.	Direct Contact Industrial	GW Protection	Direct Contact Non-Ind. (inh. vol.)	Direct Contact Industrial (inh. vol.)	GW Protection	Direct Contact Non-Ind. 10-6 Risk Factor	Direct Contact Industrial
Arsenic	mg/kg	5.4	6.5	6	5.4	6	7	8.7		0.039	1.6						
Barium	mg/kg	27	29	48	74	50	44	45		NS	NS						
Cadmium	mg/kg	0.95	1.2	0.73	1.2	0.5	0.89	1.2		8.0	510						
Chromium	mg/kg	8.9	8.4	22	9	14	16	17		16,000	NA						
Lead	mg/kg	21	5.2	34	110	25	11	100		50	500						
Mercury	mg/kg	0.059	0.016	0.04	0.4	0.045	0.034	0.04		NS	NS						
Selenium	mg/kg	<4.5	<4.5	<4.6	<4.8	<4.5	<5.0	<4.5		NS	NS						
Silver	mg/kg	<0.12	<0.12	<0.13	1.2	0.14	0.23	0.19		NS	NS						
PVOCs/Detected VOCs																	
Benzene	µg/kg	<28	<28	<29	<30	<28	<31	<28	5.5								
cis-1,2-Dichloroethene	µg/kg	<28	<28	<29	312	<28	39	<28	NS								
trans-1,2-Dichloroethene	µg/kg	<28	<28	<29	180	<28	<31	<28	NS								
Ethylbenzene	µg/kg	<28	<28	<29	<30	<28	<31	<28	2,900								
Methyl-tert-butyl-ether	µg/kg	<28	<28	<29	<30	<28	<31	<28	NS								
Naphthalene	µg/kg	<28	<28	<29	240	36	<31	38	NS								
Tetrachloroethene	µg/kg	<28	<28	<29	**2,640**	<28	**5,910**	**95**	NS			4.1	2,100	35,000			
Toluene	µg/kg	<28	<28	<29	<30	<28	<31	<28	1,500								
Trichloroethene	µg/kg	<28	<28	<29	**839**	<28	**53**	<28	NS			3.7	14	240			
1,2,4-Trimethylbenzene	µg/kg	<28	<28	41	35	<28	<31	<28	NS								
1,3,5-Trimethylbenzene	µg/kg	<28	<28	<29	<30	<28	<31	<28	NS								
Total Trimethylbenzene	µg/kg	<28	<28	41	35	<28	<31	<28	NS								
Xylenes, Total	µg/kg	<39	<40	57	<42	<40	<44	<39	4,100								
PAHs																	
Acenaphthene	µg/kg	66	<56	<57	<300	<56	<63	<56							38,000	900,000	60,000,000
Acenaphthylene	µg/kg	<95	<96	<97	<500	<96	<110	<95							700	18,000	360,000
Anthracene	µg/kg	123	<5.6	36	120	21	<6.3	9.8							3,000,000	5,000,000	300,000,000
Benz(a)anthracene	µg/kg	212	8.5	93	288	80	<6.3	49							17,000	880	3,900
Benzo(b)fluoranthene	µg/kg	134	<5.6	61	132	52	<6.3	37							360,000	880	39,000
Benzo(k)fluoranthene	µg/kg	87	<5.6	37	95	33	<6.3	25							870,000	8,800	39,000
Benzo(a)pyrene	µg/kg	167	<5.6	77	180	62	<6.3	40							48,000	88	390
Benzo(ghi)perylene	µg/kg	123	<5.6	71	144	53	<6.3	40							6,800,000	1,800	39,000
Chrysene	µg/kg	190	<5.6	73	204	67	<6.3	45							37,000	8,800	390,000
Dibenz(a,h)anthracene	µg/kg	12	<8.5	<8.6	<46	<8.5	<9.4	<8.4							38,000	88	390
Fluoranthene	µg/kg	669	25	241	647	192	<13	123							500,000	600,000	40,000,000
Fluorene	µg/kg	52	<11	19	<60	<11	<13	<11							100,000	600,000	40,000,000
Indeno(1,2,3-cd)pyrene	µg/kg	123	<5.6	60	144	46	<6.3	35							680,000	880	3,900
1-Methylnaphthalene	µg/kg	<33	<34	36	<180	<34	<38	<33							23,000	1,100,000	70,000,000
2-Methylnaphthalene	µg/kg	190	<28	183	<150	64	<31	40							20,000	600,000	40,000,000
Naphthalene	µg/kg	<33	<34	65	<180	<34	<38	<33							400	20,000	110,000
Phenanthrene	µg/kg	479	20	126	552	110	<6.3	58							1,800	18,000	390,000
Pyrene	µg/kg	524	12	183	647	147	<6.3	97							87,000	500,000	30,000,000

Notes:
NS = no standard
NA = Not Analyzed
µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)
mg/kg = milligrams per kilogram (equivalent to parts per million, ppm)
Exceedances: **BOLD** = Groundwater Protection Exceedence; **BOLD** = Groundwater & Direct Contact Exceedence; [ ] = Direct Contact Exceedence

Table 2 (page 2 of 4)
Soil Quality Results - 401 W. Wisconsin Avenue
Milwaukee, Wisconsin
Sigma Project No. 12422

Soil Boring Identification:		MW-5	MW-6	MW-7	B-1		B-2	B-3		NR 720.09	NR 720.11	NR 720.11	NR 720.19	NR 720.19	NR 720.19	NR Interim	NR Interim	NR Interim
	Date	08/12/04	08/12/04	08/12/04	08/13/98		08/14/98	08/13/98					EPA SSL	EPA SSL	EPA SSL	PAH Generic	PAH Generic	PAH Generic
Analytes	Depth	3-5	1-3	1-3	10-12	16-18	10-12	6-8	10-12	RCLs	RCLs	RCLs	RCLs	RCLs	RCLs	RCLs	RCLs	RCLs
RCRA Metals					GAS 1998 Sample		GAS 1998 Sample	GAS 1998 Sample		GW Protection	Direct Contact Non-Ind.	Direct Contact Industrial	GW Protection	Direct Contact Non-ind. (inh. vol.)	Direct Contact Industrial (inh. vol.)	GW Protection	Direct Contact Non-Ind. 10-6 Risk Factor	Direct Contact Industrial
Arsenic	mg/kg	3.2	10	8.4	<9.2	<9.2	<9.2	<9.0	<9.6		0.039	1.6						
Barium	mg/kg	48	42	92	126	36	28	28	14		NS	NS						
Cadmium	mg/kg	0.77	1.2	1.3	<2.3	<2.4	<2.3	<2.2	<2.4		8.0	510						
Chromium	mg/kg	17	7.2	7.7	14	12	13	12	7.9		16,000	NA						
Lead	mg/kg	11	48	100	298	12	<11	<11	<12		50	500						
Mercury	mg/kg	0.031	0.11	0.13	0.33	<0.024	<0.023	<0.022	<0.024		NS	NS						
Selenium	mg/kg	<4.8	<4.5	<4.3	<17	<18	<17	<17	<18		NS	NS						
Silver	mg/kg	<0.13	<0.12	<0.12	<2.3	<2.4	<2.3	<2.2	<2.4		NS	NS						
PVOCs/Detected VOCs																		
Benzene	µg/kg	<30	<28	<27	<29	<30	<29	<28	<30	5.5								
cis-1,2-Dichloroethene	µg/kg	<30	<28	<27	<29	<30	<29	<28	<30	NS								
trans-1,2-Dichloroethene	µg/kg	<30	<28	<27	<29	<30	<29	<28	<30	NS								
Ethylbenzene	µg/kg	<30	<28	<27	<29	<30	<29	<28	<30	2,900								
Methyl-tert-butyl-ether	µg/kg	<30	<28	<27	<29	<30	<29	<28	<30	NS								
Naphthalene	µg/kg	<30	487	76	172	<30	<29	82	<30	NS								
Tetrachloroethene	µg/kg	<30	<28	<27	**1,260**	<30	<29	<28	<30	NS			4.1	2,100	35,000			
Toluene	µg/kg	<30	<28	<27	<29	<30	<29	<28	<30	1,500								
Trichloroethene	µg/kg	<30	<28	<27	**61**	<30	<29	<28	<30	NS			3.7	14	240			
1,2,4-Trimethylbenzene	µg/kg	<30	32	<27	49	<30	<29	<28	<30	NS								
1,3,5-Trimethylbenzene	µg/kg	<30	<28	<27	<29	<30	<29	<28	<30	NS								
Total Trimethylbenzene	µg/kg	<30	32	<27	49	<30	<29	<28	<30	NS								
Xylenes, Total	µg/kg	<42	77	<38	44	<30	<29	<28	<42	4,100								
PAHs																		
Acenaphthene	µg/kg	<60	883	1,080	<690	<61	<58	<120	<58							38,000	900,000	60,000,000
Acenaphthylene	µg/kg	<100	<960	<92	<1,200	<102	<99	<210	<97							700	18,000	360,000
Anthracene	µg/kg	<6.0	2,040	865	643	<6.1	<5.8	34	<5.8							3,000,000	5,000,000	300,000,000
Benz(a)anthracene	µg/kg	<6.0	2,720	649	941	<6.1	<5.8	<12	<5.8							17,000	880	3,900
Benzo(b)fluoranthene	µg/kg	<6.0	1,360	314	356	<6.1	<5.8	<12	<5.8							360,000	880	39,000
Benzo(k)fluoranthene	µg/kg	<6.0	895	216	207	<6.1	<5.8	<12	<5.8							870,000	8,800	39,000
Benzo(a)pyrene	µg/kg	<6.0	1,700	422	884	<6.1	<5.8	60	<5.8							48,000	88	390
Benzo(ghi)perylene	µg/kg	<6.0	1,130	227	930	<6.1	<5.8	54	<5.8							6,800,000	1,800	39,000
Chrysene	µg/kg	<6.0	2,380	551	643	<6.1	<5.8	<12	<5.8							37,000	8,800	390,000
Dibenz(a,h)anthracene	µg/kg	<8.9	419	58	<130	<12	<11	<24	<12							38,000	88	390
Fluoranthene	µg/kg	17	6,570	2,270	3,440	<12	<11	179	16							500,000	600,000	40,000,000
Fluorene	µg/kg	<12	555	1,190	264	<12	<11	<24	<12							100,000	600,000	40,000,000
Indeno(1,2,3-cd)pyrene	µg/kg	<6.0	1,030	238	482	<6.1	<5.8	123	<5.8							680,000	880	3,900
1-Methylnaphthalene	µg/kg	<36	<340	100	<410	<37	<35	<75	<35							23,000	1,100,000	70,000,000
2-Methylnaphthalene	µg/kg	<30	2,380	3,460	1,150	<31	<30	<62	<29							20,000	600,000	40,000,000
Naphthalene	µg/kg	<36	<340	162	**631**	<37	<35	<75	<35							400	20,000	110,000
Phenanthrene	µg/kg	<6.0	**4,760**	**3,680**	**3,790**	<6.1	<5.8	123	14							1,800	18,000	390,000
Pyrene	µg/kg	11	7,250	1,950	2,180	<6.1	<5.8	146	9.7							87,000	500,000	30,000,000

Notes:
NS = no standard
NA = Not Analyzed
µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)
mg/kg = milligrams per kilogram (equivalent to parts per million, ppm)
Exceedances: **BOLD** = Groundwater Protection Exceedence; **BOLD** = Groundwater & Direct Contact Exceedence; [box] = Direct Contact Exceedence

Table 2 (page 3of 4)
Soil Quality Results - 401 W. Wisconsin Avenue
Milwaukee, Wisconsin
Sigma Project No. 12422

Soil Boring Identification:		GP-1	GP-2	GP-3	GP-4			GP-5			GP-6			NR 720.09	NR 720.19	NR 720.19	NR 720.19	NR Interim	NR Interim	NR Interim
	Date	04/07/11	04/07/11	04/07/11	04/07/11			04/07/11			04/07/11									
Analytes	Depth	1-3	1-3	1-3	4-6	10-12	14-16	6-8	10-12	14-16	4-6	8-10	18-20	RCLs	EPA SSL RCLs	EPA SSL RCLs	EPA SSL RCLs	PAH Generic RCLs	PAH Generic RCLs	PAH Generic RCLs
PVOCs/Detected VOCs														GW Protection	GW Protection	Direct Contact Non-Ind. (inh. vol.)	Direct Contact Industrial (inh. vol.)	GW Protection	Direct Contact Non-Ind. 10-6 Risk Factor	Direct Contact Industrial
Benzene	µg/kg	NA	NA	NA	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	5.5						
cis-1,2-Dichloroethene	µg/kg	NA	NA	NA	25.9 J	<14	<14	<14	18.9 J	<14	18.8 J	142	<14	NS						
trans-1,2-Dichloroethene	µg/kg	NA	NA	NA	<22	<22	<22	<22	<22	<22	<22	<22	<22	NS						
Ethylbenzene	µg/kg	NA	NA	NA	<55	<55	<55	<55	<55	<55	<55	<55	<55	2,900						
Methyl-tert-butyl-ether	µg/kg	NA	NA	NA	<12	<12	<12	<12	<12	<12	<12	<12	<12	NS						
Naphthalene	µg/kg	NA	NA	NA	<107	164 J	<107	<107	<107	<107	<107	<107	<107	NS						
Tetrachloroethene	µg/kg	NA	NA	NA	<24	**430**	**61 J**	<24	<24	<24	<24	**1,970**	<24	NS	4.1	2,100	35,000			
Toluene	µg/kg	NA	NA	NA	<50	<50	<50	<50	<50	<50	<50	<50	<50	1,500						
Trichloroethene	µg/kg	NA	NA	NA	<47	**74 J**	<47	<17	<17	<17	<17	**132 J**	<17	NS	3.7	14	240			
1,2,4-Trimethylbenzene	µg/kg	NA	NA	NA	<80	<80	<80	<80	<80	<80	<80	<80	<80	NS						
1,3,5-Trimethylbenzene	µg/kg	NA	NA	NA	<48	<48	<48	<48	<48	<48	<48	<48	<48	NS						
Total Trimethylbenzene	µg/kg	NA	NA	NA	<128	<128	<128	<128	<128	<128	<128	<128	<128	NS						
Xylenes, Total	µg/kg	NA	NA	NA	<136	<136	<136	<136	<136	<136	<136	<136	<136	4,100						
PAHs																				
Acenaphthene	µg/kg	500	186	25.7 J	NA	NA	NA	NA	NA	NA	NA	NA	NA					38,000	900,000	60,000,000
Acenaphthylene	µg/kg	101	112	18.1 J	NA	NA	NA	NA	NA	NA	NA	NA	NA					700	18,000	360,000
Anthracene	µg/kg	1,980	1,020	129	NA	NA	NA	NA	NA	NA	NA	NA	NA					3,000,000	5,000,000	300,000,000
Benzo(a)anthracene	µg/kg	3,200	3,200	440	NA	NA	NA	NA	NA	NA	NA	NA	NA					17,000	880	3,900
Benzo(b)fluoranthene	µg/kg	3,500	3,900	560	NA	NA	NA	NA	NA	NA	NA	NA	NA					360,000	880	39,000
Benzo(k)fluoranthene	µg/kg	1,040	1,020	187	NA	NA	NA	NA	NA	NA	NA	NA	NA					870,000	8,800	39,000
Benzo(a)pyrene	µg/kg	2,510	2,820	390	NA	NA	NA	NA	NA	NA	NA	NA	NA					48,000	88	390
Benzo(ghi)perylene	µg/kg	1,640	1,680	270	NA	NA	NA	NA	NA	NA	NA	NA	NA					6,800,000	1,800	39,000
Chrysene	µg/kg	2,660	2,490	390	NA	NA	NA	NA	NA	NA	NA	NA	NA					37,000	8,800	390,000
Dibenz(a,h)anthracene	µg/kg	420	460	53	NA	NA	NA	NA	NA	NA	NA	NA	NA					38,000	88	390
Fluoranthene	µg/kg	6,200	5,500	890	NA	NA	NA	NA	NA	NA	NA	NA	NA					500,000	600,000	40,000,000
																		100,000	600,000	40,000,000
Indeno(1,2,3-cd)pyrene	µg/kg	1,390	1,600	234	NA	NA	NA	NA	NA	NA	NA	NA	NA					680,000	880	3,900
1-Methylnaphthalene	µg/kg	140	51 J	<17.9	NA	NA	NA	NA	NA	NA	NA	NA	NA					23,000	1,100,000	70,000,000
2-Methylnaphthalene	µg/kg	226	70	<9.6	NA	NA	NA	NA	NA	NA	NA	NA	NA					20,000	600,000	40,000,000
Naphthalene	µg/kg	**410**	68	<10.8	NA	NA	NA	NA	NA	NA	NA	NA	NA					400	20,000	110,000
Phenanthrene	µg/kg	4,700	2,260	313	NA	NA	NA	NA	NA	NA	NA	NA	NA					1,800	18,000	390,000
Pyrene	µg/kg	5,200	4,800	740	NA	NA	NA	NA	NA	NA	NA	NA	NA					87,000	500,000	30,000,000

Notes:
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mg/kg = milligrams per kilogram (equivalent to parts per million, ppm)
Exceedances: **BOLD** = Groundwater Protection Exceedence; **BOLD** = Groundwater & Direct Contact Exceedence; = Direct Contact Exceedence

Table 2 (page 4 of 4)
Soil Quality Results - 401 W. Wisconsin Avenue
Milwaukee, Wisconsin
Sigma Project No. 12422

Soil Boring Identification:		GP-7			GP-8			GP-9			GP-10			GP-11			MW-8		NR 720.09	NR 720.19	NR 720.19	NR 720.19
	Date	04/07/11			04/07/11			04/07/11			04/07/11			04/07/11			04/19/11			EPA SSL	EPA SSL	EPA SSL
Analytes	Depth	4-6	10-12	14-16	2-4	6-8	18-20	2-4	6-8	10-12	4-6	10-12	14-16	2-4	10-12	14-16	3.5-5	8.5-10	RCLs	RCLs	RCLs	RCLs
PVOCs/Detected VOCs																			GW Protection	GW Protection	Direct Contact Non-Ind. (inh. vol.)	Direct Contact Industrial (inh. vol.)
Benzene	µg/kg	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	**25.2 J**	<8.9	<8.9	<8.9	5.5			
cis-1,2-Dichloroethene	µg/kg	<14	285	59	<14	<14	<14	35 J	28 J	<14	<14	<14	<14	<14	<14	<14	<14	<14	NS			
trans-1,2-Dichloroethene	µg/kg	<22	34 J	<22	<22	<22	<22	<22	<22	<22	<22	<22	<22	<22	<22	<22	<22	<22	NS			
Ethylbenzene	µg/kg	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	2,900			
Methyl-tert-butyl-ether	µg/kg	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	NS			
Naphthalene	µg/kg	<107	<107	<107	<107	<107	<107	<107	202 J	<107	<107	<107	<107	<107	<107	<107	<107	<107	NS			
Tetrachloroethene	µg/kg	**40 J**	**380**	**38 J**	<24	<24	<24	<24	**142**	<24	<24	<24	<24	<24	**94**	<24	<24	<24	NS	4.1	2,100	35,000
Toluene	µg/kg	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	115 J	<50	<50	<50	1,500			
Trichloroethene	µg/kg	<17	**180**	<17	<47	<47	<47	<47	<47	<47	<47	<47	<47	<47	**122 J**	<47	<47	<47	NS	3.7	14	240
1,2,4-Trimethylbenzene	µg/kg	<80	<80	<80	<80	<80	<80	<80	<80	<80	<80	<80	<80	<80	<80	<80	<80	<80	NS			
1,3,5-Trimethylbenzene	µg/kg	<48	<48	<48	<48	<48	<48	<48	<48	<48	<48	<48	<48	<48	<48	<48	<48	<48	NS			
Total Trimethylbenzene	µg/kg	<128	<128	<128	<128	<128	<128	<128	<128	<128	<128	<128	<128	<128	<128	<128	<128	<128	NS			
Xylenes, Total	µg/kg	<136	59 J	<136	<136	<136	<136	<136	<136	<136	<136	<136	<136	<136	179 J	<136	<136	<136	4,100			

Notes:
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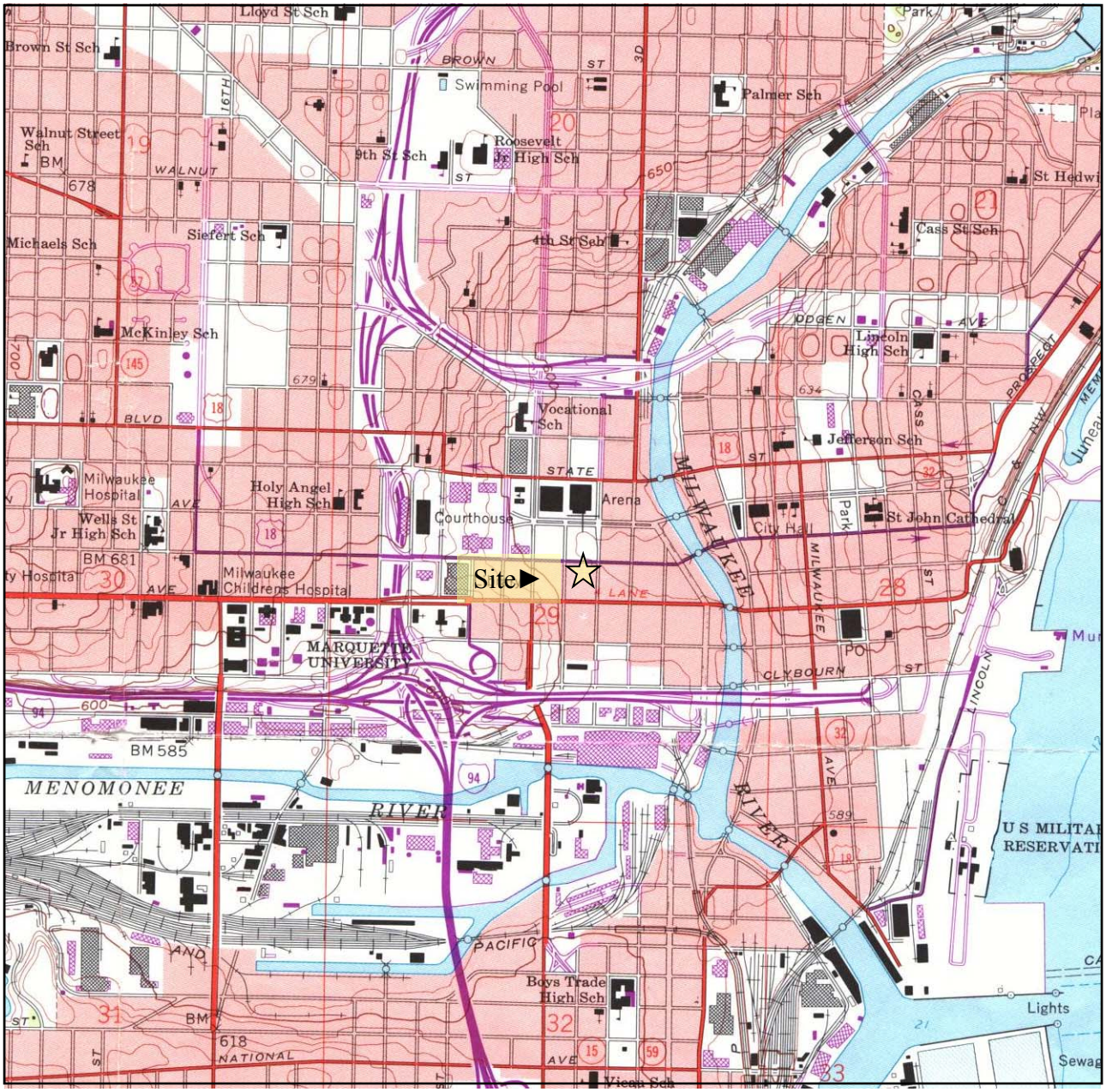
NA = Not Analyzed
µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)
mg/kg = milligrams per kilogram (equivalent to parts per million, ppm)
Exceedances: **BOLD** = Groundwater Protection Exceedence; **BOLD** = Groundwater & Direct Contact Exceedence; = Direct Contact Exceedence

Table 3
Groundwater Quality Results - 4th & Wisconsin Hotel Site
Milwaukee, Wisconsin
Sigma Project No. 12422

Well ID:		MW-1		MW-2		MW-3		MW-4		MW-5		MW-6		MW-7		MW-8	PZ-1		NR 140	NR 140
Screened Interval (bgs)		6-16		6-16		6-16		6-16		6-16		6-16		6-16		5-15	26-31			
Analytes	Date	08/18/04	05/05/11	08/18/04	05/05/11	08/18/04	05/05/11	08/18/04	05/05/11	08/18/04	05/05/11	08/18/04	05/05/11	08/18/04	05/05/11	05/05/11	08/18/04	05/05/11	ES	PAL
RCRA Metals - Soluble																				
Arsenic	µg/L	NA	NA	**16**	**8**	<0.79	NA	2.3	NA	<0.79	NA	2.9	NA	<0.79	NA	NA	<0.79	NA	10	1
Barium	µg/L	NA	NA	71	NA	82	NA	120	NA	290	NA	220	NA	42	NA	NA	260	NA	2,000	400
Cadmium	µg/L	NA	<0.5	**2.9**	<0.5	**3.9**	<0.5	**5.7**	<0.5	**6.3**	<0.5	**4.8**	<0.5	**8**	<0.5	<0.5	**4.6**	<0.5	5	0.5
Chromium	µg/L	NA	NA	<2.1	NA	<2.1	NA	<2.1	NA	<2.1	NA	<2.1	NA	<2.1	NA	NA	<2.1	NA	100	10
Lead	µg/L	NA	NA	<1.4	NA	<1.4	NA	<1.4	NA	<1.4	NA	<1.4	NA	<1.4	NA	NA	<1.4	NA	15	1.5
Mercury	µg/L	NA	NA	<0.040	NA	<0.040	NA	<0.040	NA	<0.040	NA	<0.040	NA	<0.040	NA	NA	<0.040	NA	2	0.2
Selenium	µg/L	NA	NA	<3.2	NA	<3.2	NA	<3.2	NA	<3.2	NA	<3.2	NA	<3.2	NA	NA	<3.2	NA	50	10
Silver	µg/L	NA	NA	<1.3	NA	2.7	NA	<1.3	NA	<1.3	NA	<1.3	NA	<1.3	NA	NA	<1.3	NA	50	10
PVOCs/Detected VOCs																				
Benzene	µg/L	0.28	<0.5	**0.58**	**0.67 J**	0.26	<0.5	<0.20	<0.5	0.34	<0.5	<0.20	<0.5	0.26	<0.5	<0.5	0.32	<0.5	5	0.5
Chloroethane	µg/L	<0.20	<1.4	<0.20	<1.4	<0.20	<1.4	<0.20	<1.4	<0.20	<1.4	<0.20	<1.4	<0.20	<1.4	<1.4	<0.20	<1.4	400	80
1,2-Dichlorobenzene	µg/L	<0.20	<0.76	<0.20	<0.76	0.31	<0.76	<0.20	<0.76	<0.20	<0.76	<0.20	<0.76	<0.20	<0.76	<0.76	<0.20	<0.76	600	60
1,1-Dichloroethene	µg/L	<0.50	<0.6	**0.71**	**0.98 J**	0.62	**1.24 J**	<0.50	<0.6	<0.50	<0.6	<0.50	<0.6	<0.50	<0.6	<0.6	<0.50	<0.6	7	0.7
cis-1,2-Dichloroethene	µg/L	<0.50	<0.74	**100**	**216**	**210**	**88**	<0.50	<0.74	2.4	<0.74	<0.50	<0.74	<0.50	<0.74	<0.74	**14**	2.59	70	7
trans-1,2-Dichloroethene	µg/L	<0.50	<0.79	6.9	**65**	12	7.6	<0.50	<0.79	<0.50	<0.79	<0.50	<0.79	<0.50	<0.79	<0.79	0.68	<0.79	100	20
Ethylbenzene	µg/L	<0.50	<0.78	<0.50	<0.78	<0.50	<0.78	<0.50	<0.78	<0.50	<0.78	<0.50	<0.78	0.5	<0.78	<0.78	<0.50	<0.78	700	140
p-Isopropyltoluene	µg/L	0.45	<0.92	<0.20	<0.92	<0.20	<0.92	<0.20	<0.92	0.48	<0.92	<0.20	<0.92	35	<0.92	<0.92	<0.20	<0.92	NS	NS
Methyl-tert-butyl-ether	µg/L	<0.50	<0.8	<0.50	<0.8	<0.50	<0.8	<0.50	<0.8	<0.50	<0.8	<0.50	<0.8	<0.50	<0.8	<0.8	<0.50	<0.8	60	12
Naphthalene	µg/L	<0.25	<2.1	<0.25	<2.1	<0.25	<2.1	<0.25	<2.1	<0.25	<2.1	<0.25	<2.1	**30**	3.8 J	<2.1	<0.25	<2.1	40	8
Tetrachloroethene	µg/L	<0.50	<0.44	**79**	**93**	**2,700**	**283**	<0.50	<0.44	**56**	<0.44	<0.50	<0.44	<0.50	<0.44	<0.44	**180**	**19.4**	5	0.5
Toluene	µg/L	0.26	<0.53	0.48	0.62 J	<0.20	<0.53	<0.20	<0.53	0.26	<0.53	<0.20	<0.53	0.37	<0.53	<0.53	0.32	<0.53	1,000	200
Trichloroethene	µg/L	<0.20	<0.47	**55**	**144**	**82**	**77**	0.46	<0.47	**5.1**	<0.47	<0.20	<0.47	<0.20	<0.47	<0.47	**6.9**	**8.3**	5	0.5
1,2,4-Trimethylbenzene	µg/L	<0.20	<0.8	<0.20	<0.8	<0.20	<0.8	<0.20	<0.8	<0.20	<0.8	<0.20	<0.8	0.23	<0.8	<0.8	<0.20	<0.8	NS	NS
1,3,5-Trimethylbenzene	µg/L	<0.20	<0.74	<0.20	<0.74	<0.20	<0.74	<0.20	<0.74	<0.20	<0.74	<0.20	<0.74	<0.20	<0.74	<0.74	<0.20	<0.74	NS	NS
Total Trimethylbenzene	µg/L	<0.20	<1.54	<0.20	<1.54	<0.20	<1.54	<0.20	<1.54	<0.20	<1.54	<0.20	<1.54	0.23	<1.54	<1.54	<0.20	<1.54	480	96
Vinyl Chloride	µg/L	<0.20	<0.18	**14**	**51**	**5.8**	**9.0**	<0.20	<0.18	<0.20	<0.18	<0.20	<0.18	<0.20	<0.18	<0.18	**0.26**	<0.18	0.2	0.02
Xylenes, Total	µg/L	<0.50	<1.9	<0.50	<1.9	<0.50	<1.9	<0.50	<1.9	<0.50	<1.9	<0.50	<1.9	<0.50	<1.9	<1.9	<0.50	<1.9	10,000	1,000
PAHs																				
Acenaphthene	µg/L	NA	NA	<0.33	NA	<0.33	NA	<0.38	NA	<0.38	NA	<1.1	NA	1.9	0.217	NA	<0.36	NA	NS	NS
Acenaphthylene	µg/L	NA	NA	<0.69	NA	<0.69	NA	<0.79	NA	<0.79	NA	<2.3	NA	<0.69	<0.014	NA	<0.76	NA	NS	NS
Anthracene	µg/L	NA	NA	0.083	NA	<0.038	NA	<0.043	NA	<0.043	NA	<0.13	NA	0.63	0.036	NA	<0.042	NA	3000	600
Benz(a)anthracene	µg/L	NA	NA	<0.044	NA	<0.044	NA	<0.050	NA	<0.050	NA	<0.15	NA	0.17	0.016 J	NA	<0.048	NA	NS	NS
Benzo(b)fluoranthene	µg/L	NA	NA	<0.098	NA	<0.098	NA	<0.11	NA	<0.11	NA	<0.33	NA	**0.085**	<0.013	NA	<0.11	NA	0.2	0.02
Benzo(k)fluoranthene	µg/L	NA	NA	<0.049	NA	<0.049	NA	<0.056	NA	<0.056	NA	<0.16	NA	0.075	<0.015	NA	<0.054	NA	NS	NS
Benzo(a)pyrene	µg/L	NA	NA	<0.032	NA	144	NA	<0.036	NA	<0.036	NA	<0.11	NA	**0.15**	<0.011	NA	<0.035	NA	0.2	0.02
Benzo(ghi)perylene	µg/L	NA	NA	<0.12	NA	<0.12	NA	<0.14	NA	<0.14	NA	<0.40	NA	0.16	<0.015	NA	<0.13	NA	NS	NS
Chrysene	µg/L	NA	NA	<0.041	NA	<0.041	NA	<0.047	NA	<0.047	NA	<0.14	NA	**0.075**	<0.013	NA	<0.045	NA	0.2	0.02
Dibenz(a,h)anthracene	µg/L	NA	NA	<0.13	NA	<0.13	NA	<0.15	NA	<0.15	NA	<0.43	NA	<0.13	<0.016	NA	<0.14	NA	NS	NS
Fluoranthene	µg/L	NA	NA	0.099	NA	<0.081	NA	<0.092	NA	<0.092	NA	<0.27	NA	1.3	0.109	NA	<0.089	NA	400	80
Fluorene	µg/L	NA	NA	0.16	NA	<0.062	NA	<0.071	NA	<0.071	NA	<0.21	NA	1.8	0.269	NA	<0.068	NA	400	80
Indeno(1,2,3-cd)pyrene	µg/L	NA	NA	<0.062	NA	<0.062	NA	<0.071	NA	<0.071	NA	<0.21	NA	0.085	<0.015	NA	<0.068	NA	NS	NS
1-Methylnaphthalene	µg/L	NA	NA	<0.32	NA	<0.32	NA	<0.36	NA	<0.36	NA	<1.1	NA	2.1	0.232	NA	<0.35	NA	NS	NS
2-Methylnaphthalene	µg/L	NA	NA	<0.31	NA	<0.31	NA	<0.35	NA	<0.35	NA	<1.0	NA	9	0.296	NA	<0.34	NA	NS	NS
Naphthalene	µg/L	NA	NA	0.5	NA	<0.40	NA	<0.46	NA	<0.46	NA	<1.3	NA	**29**	2.75	NA	<0.44	NA	40	8
Phenanthrene	µg/L	NA	NA	0.23	NA	<0.030	NA	<0.034	NA	<0.034	NA	<0.10	NA	4.8	0.285	NA	<0.033	NA	NS	NS
Pyrene	µg/L	NA	NA	0.045	NA	0.071	NA	<0.050	NA	<0.050	NA	<0.15	NA	0.73	0.076	NA	<0.048	NA	250	50
Biofeasibility Measurements																				
pH	IU	NA	7	7.1	7	7.1	7	7	7	7.1	7	7.1	7	7	7	7	7	7	NS	NS
Temperature	° C	18	13	17	11.8	17	10.5	17	10	17	10.2	15	8.6	15	9.8	9.7	15	12.6	NS	NS
Ferrous Iron	mg/l	NA	3.6	0	0	0	2	0.8	0	0	3	1.8	2	0	0	0	0	0	NS	NS
Dissolved Oxygen	mg/l	5.03	0.72	2.49	0.75	4.41	0.8	1.83	0.78	1.01	0.7	2.39	2.4	0.8	0.69	1.4	7.51	1	NS	NS
Redox Potential	mV	NA	10	+78.6	-16	+65.8	26	+80.3	114	+74.3	14	+89.7	121	-46.2	6	74	+72.0	100	NS	NS

Notes:
NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard.
NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit.
NS = no standard
µg/L = micrograms per liter (equivalent to parts per billion, ppb)
mg/L = milligrams per liter (equivalent to parts per million, ppm)
NA = Not Analyzed
Q = Results are qualified due to the uncertainty of the parameter concentration between the Limit of Detection and Limit of Quantitation.
Exceedances: **bold** = Concentration exceeds NR 140 ES
bold = Concentration exceeds NR 140 PAL

FIGURES



SW ¼, NE ¼ of Sec. 29, T7N, R22E. Adapted from U.S.G.S. 7.5 minute series, Milwaukee, Wisconsin Quadrangle (dated 1958, photorevised 1971).

SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

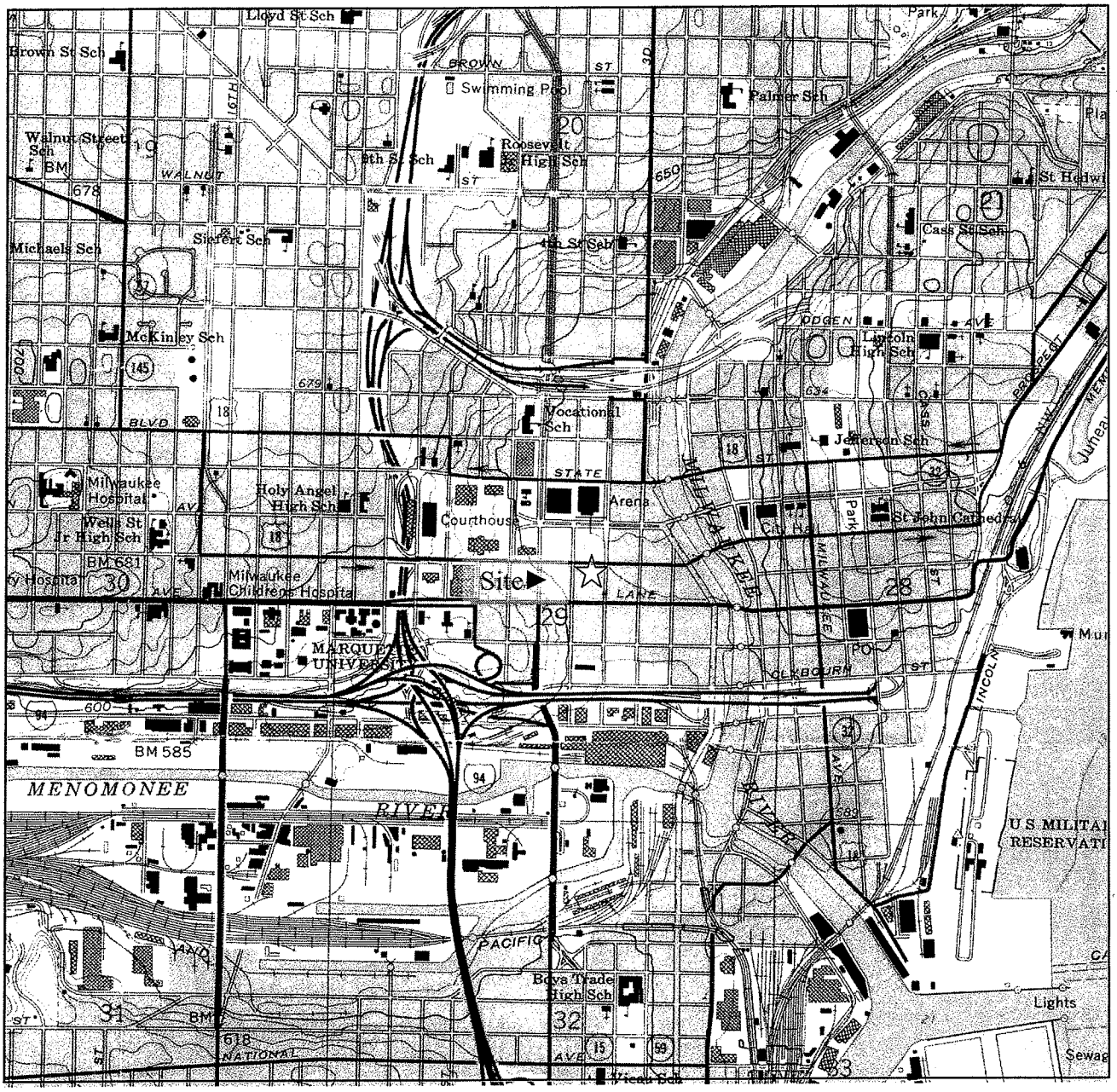
CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

N

Figure 1. Site Location Map
4th & Wisconsin Hotel Site
Milwaukee, Wisconsin

THE SIGMA GROUP
SIGMA ENVIRONMENTAL SERVICES, INC.
SIGMA DEVELOPMENT, INC.
SIGMA LEASING, INC.

8823fig1.ppt



SW ¼, NE ¼ of Sec. 29, T7N, R22E. Adapted from U.S.G.S. 7.5 minute series, Milwaukee, Wisconsin Quadrangle (dated 1958, photorevised 1971).

SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

N

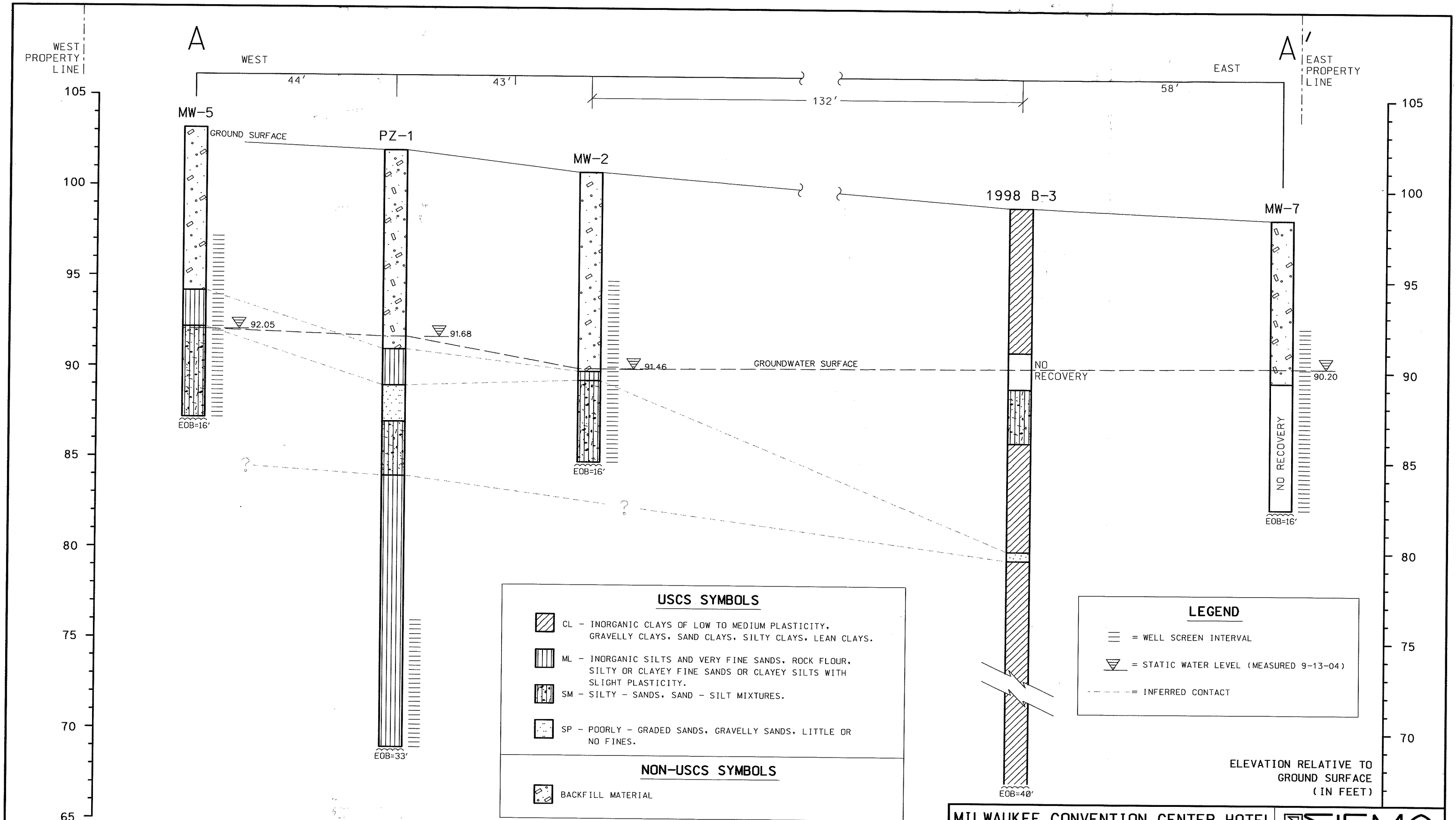
Figure 1. Site Location Map
4th & Wisconsin Hotel Site
Milwaukee, Wisconsin

THE SIGMA GROUP
SIGMA ENVIRONMENTAL SERVICES, INC.
SIGMA DEVELOPMENT, INC.
SIGMA LEASING, INC.

8823fig1.ppt

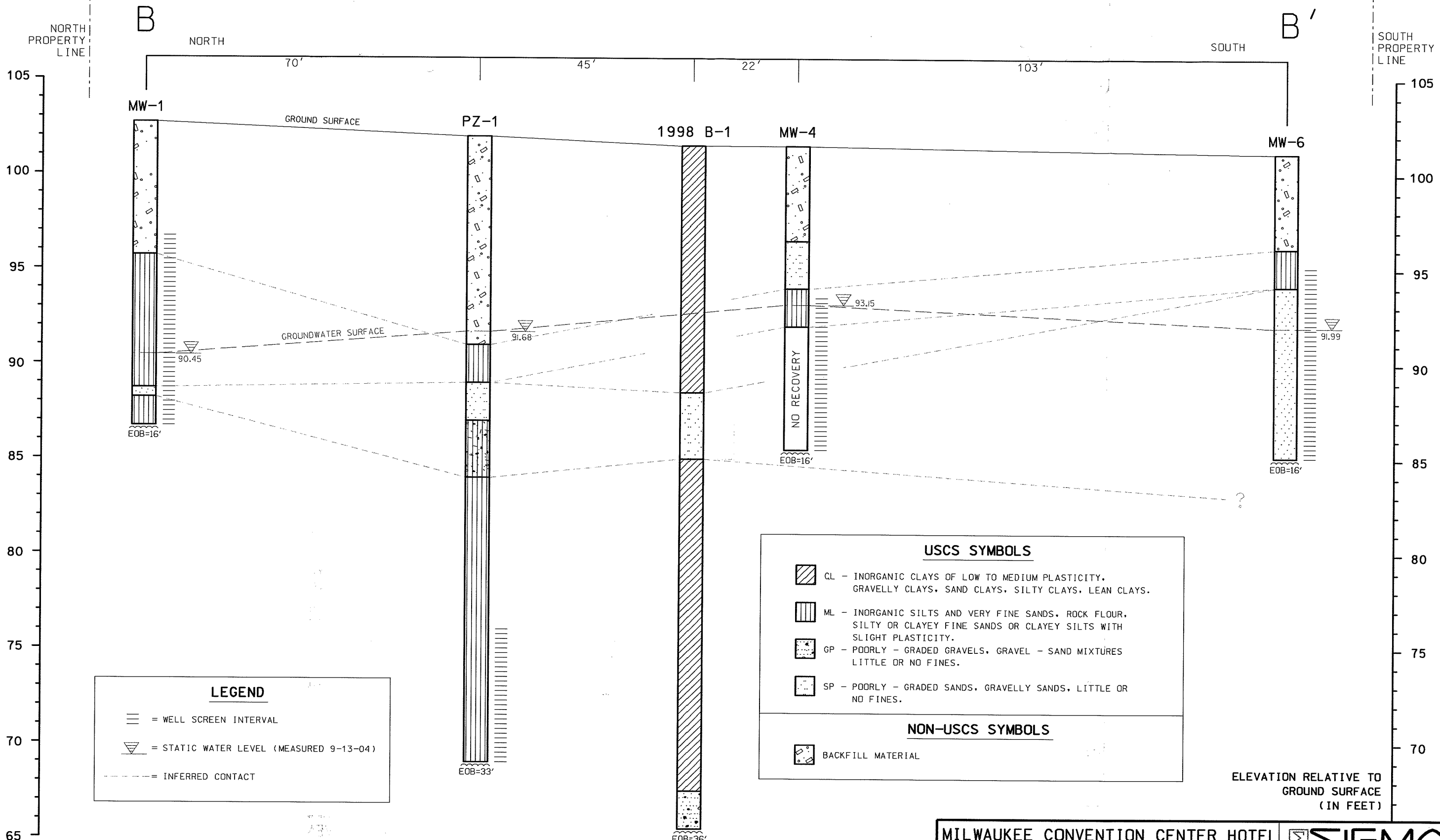
NOTE:
DIMENSIONS DEPICTED ON MAP ARE FOR REFERENCE ONLY.

401-441 W. WISCONSIN AVENUE			SIGMA ENVIRONMENTAL SERVICES, INC.
DATE: 09-03-04	DR. BY: RMJ	DR.# 8823-001E-A	SCALE: 1" = 40'
SITE PLAN MAP			**FIGURE 2**



NOTES:
HORIZONTAL SCALE 1" = 20'
VERTICAL SCALE 1" = 5'

MILWAUKEE CONVENTION CENTER HOTEL 4th STREET & WISCONSIN AVE., MILWAUKEE, WI			SIGMA ENVIRONMENTAL SERVICES INC.
DATE: 12-15-04	DR. BY: BEB	DR.# 8823-007	SCALE: SEE NOTES
GEOLOGIC CROSS SECTION A - A'			FIGURE 3



LEGEND

= WELL SCREEN INTERVAL

= STATIC WATER LEVEL (MEASURED 9-13-04)

= INFERRED CONTACT

USCS SYMBOLS

CL - INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SAND CLAYS, SILTY CLAYS, LEAN CLAYS.

ML - INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY.

GP - POORLY - GRADED GRAVELS, GRAVEL - SAND MIXTURES LITTLE OR NO FINES.

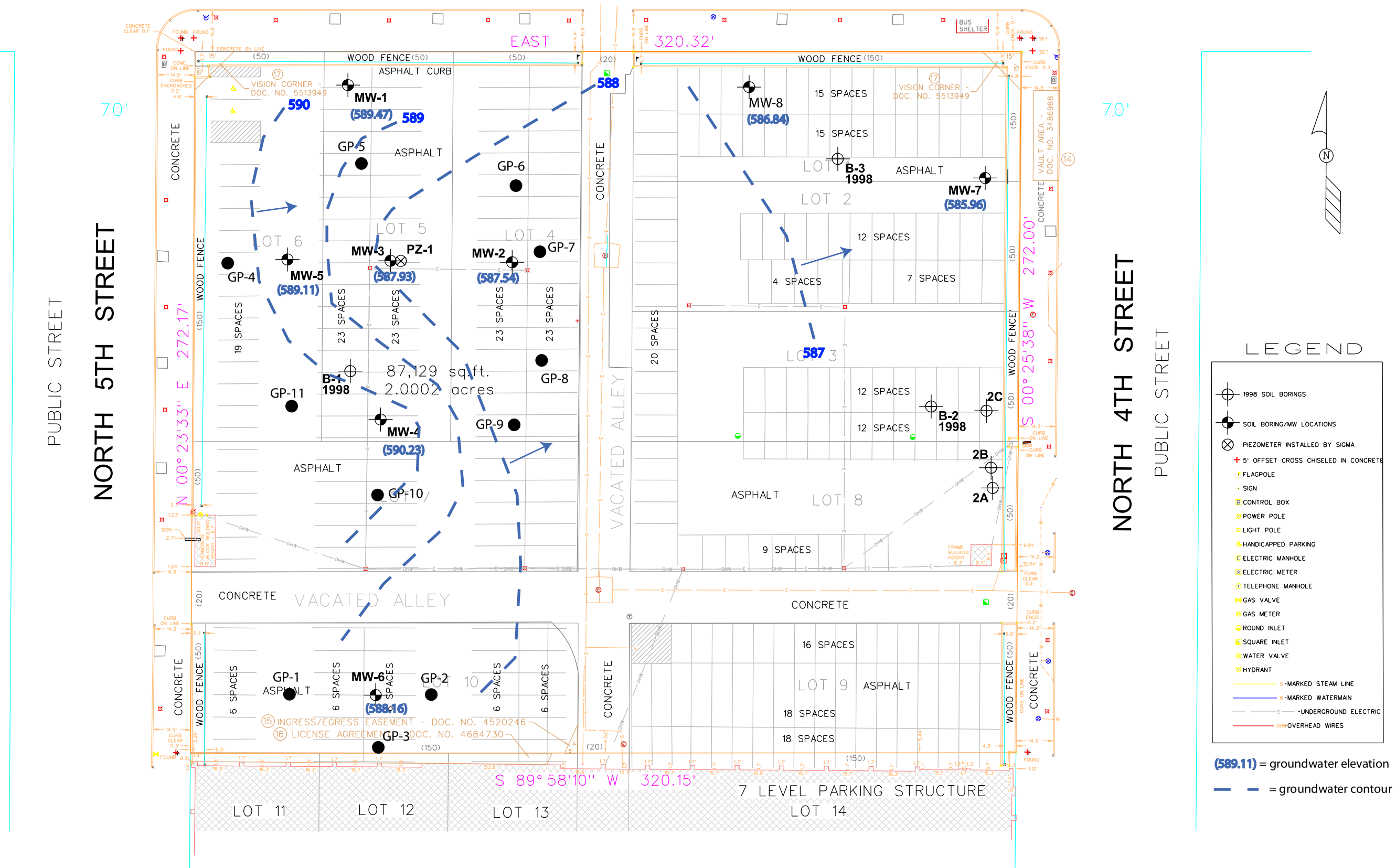
SP - POORLY - GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES.

NON-USCS SYMBOLS

BACKFILL MATERIAL

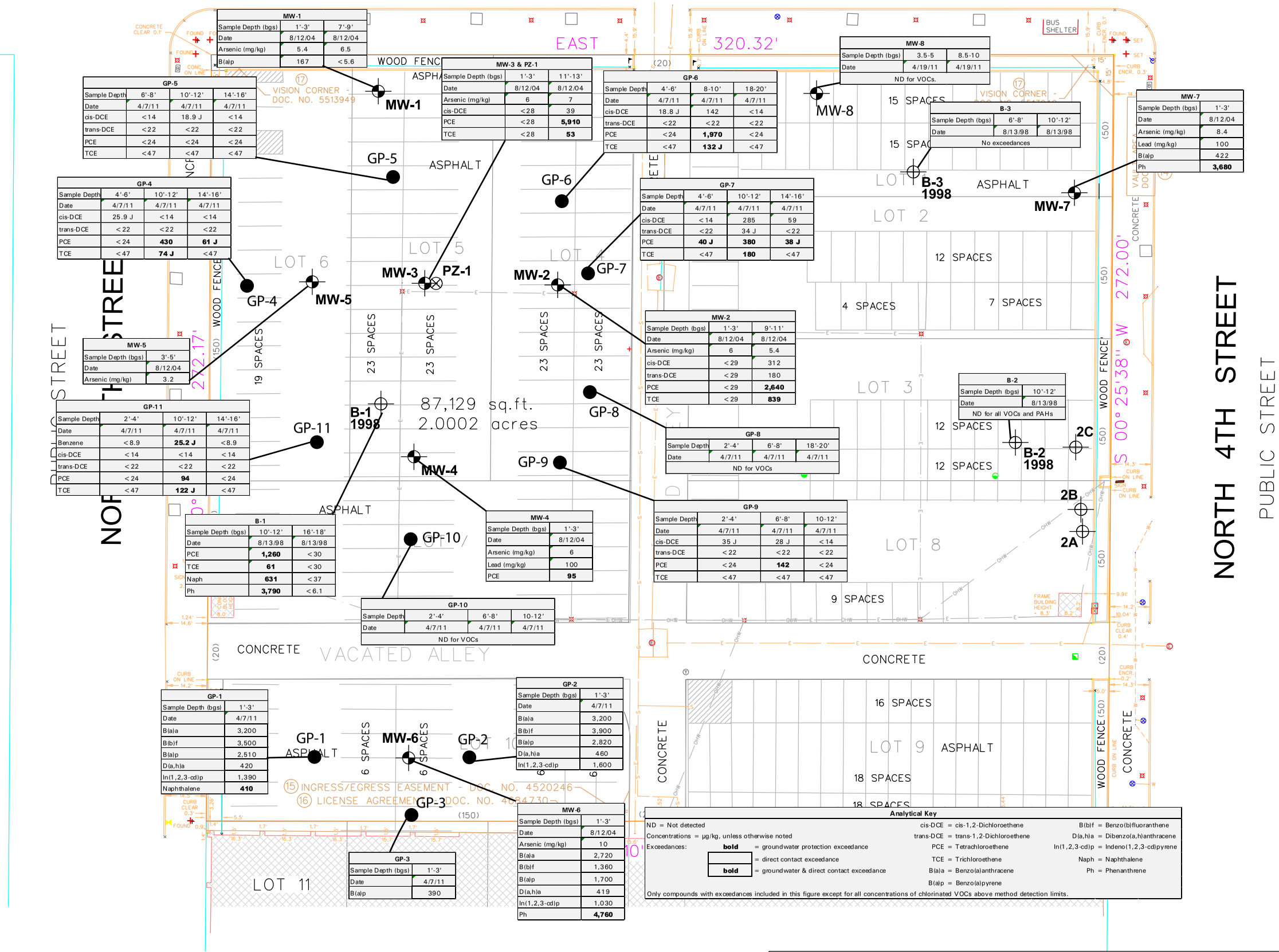
NOTES:
HORIZONTAL SCALE 1" = 20'
VERTICAL SCALE 1" = 5'

MILWAUKEE CONVENTION CENTER HOTEL 4th STREET & WISCONSIN AVE., MILWAUKEE, WI			SIGMA ENVIRONMENTAL SERVICES INC.
DATE: 12-15-04	DR. BY: BEB	DR.# 8823-007	SCALE: SEE NOTES
GEOLOGIC CROSS SECTION B - B'			FIGURE 4



NOTE:
DIMENSIONS DEPICTED ON MAP ARE FOR REFERENCE ONLY.

401-441 W. WISCONSIN AVENUE			SIGMA ENVIRONMENTAL SERVICES, INC.
DATE: 09-03-04	DR. BY: RMJ	DR.# 8823-001E-A	SCALE: 1" = 40'
GROUNDWATER CONTOUR MAP (05/05/11)			**FIGURE 5**



MW-1		
Sample Depth (bgs)	1'-3'	7'-9'
Date	8/12/04	8/12/04
Arsenic (mg/kg)	5.4	6.5
B(a)p	167	<5.6

MW-3 & PZ-1		
Sample Depth (bgs)	1'-3'	11'-13'
Date	8/12/04	8/12/04
Arsenic (mg/kg)	6	7
cis-DCE	<28	39
PCE	<28	**5,910**
TCE	<28	**53**

GP-5			
Sample Depth	6'-8'	10'-12'	14'-16'
Date	4/7/11	4/7/11	4/7/11
cis-DCE	<14	18.9 J	<14
trans-DCE	<22	<22	<22
PCE	<24	<24	<24
TCE	<47	<47	<47

GP-6			
Sample Depth	4'-6'	8-10'	18-20'
Date	4/7/11	4/7/11	4/7/11
cis-DCE	18.8 J	142	<14
trans-DCE	<22	<22	<22
PCE	<24	**1,970**	<24
TCE	<47	**132 J**	<47

MW-8		
Sample Depth (bgs)	3.5-5	8.5-10
Date	4/19/11	4/19/11
ND for VOCs.		

B-3		
Sample Depth (bgs)	6'-8'	10'-12'
Date	8/13/98	8/13/98
No exceedances		

MW-7	
Sample Depth (bgs)	1'-3'
Date	8/12/04
Arsenic (mg/kg)	8.4
Lead (mg/kg)	100
B(a)p	422
Ph	**3,680**

GP-4			
Sample Depth	4'-6'	10'-12'	14'-16'
Date	4/7/11	4/7/11	4/7/11
cis-DCE	25.9 J	<14	<14
trans-DCE	<22	<22	<22
PCE	<24	**430**	**61 J**
TCE	<47	**74 J**	<47

GP-7			
Sample Depth	4'-6'	10'-12'	14'-16'
Date	4/7/11	4/7/11	4/7/11
cis-DCE	<14	285	59
trans-DCE	<22	34 J	<22
PCE	**40 J**	**380**	**38 J**
TCE	<47	**180**	<47

MW-5	
Sample Depth (bgs)	3'-5'
Date	8/12/04
Arsenic (mg/kg)	3.2

MW-2		
Sample Depth (bgs)	1'-3'	9'-11'
Date	8/12/04	8/12/04
Arsenic (mg/kg)	6	5.4
cis-DCE	<29	312
trans-DCE	<29	180
PCE	<29	**2,640**
TCE	<29	**839**

B-2	
Sample Depth (bgs)	10'-12'
Date	8/13/98
ND for all VOCs and PAHs	

GP-11			
Sample Depth	2'-4'	10'-12'	14'-16'
Date	4/7/11	4/7/11	4/7/11
Benzene	<8.9	**25.2 J**	<8.9
cis-DCE	<14	<14	<14
trans-DCE	<22	<22	<22
PCE	<24	**94**	<24
TCE	<47	**122 J**	<47

GP-8			
Sample Depth	2'-4'	6'-8'	18'-20'
Date	4/7/11	4/7/11	4/7/11
ND for VOCs			

B-1		
Sample Depth (bgs)	10'-12'	16'-18'
Date	8/13/98	8/13/98
PCE	**1,260**	<30
TCE	**61**	<30
Naph	**631**	<37
Ph	**3,790**	<6.1

MW-4	
Sample Depth (bgs)	1'-3'
Date	8/12/04
Arsenic (mg/kg)	6
Lead (mg/kg)	100
PCE	**95**

GP-9				
Sample Depth	2'-4'	6'-8'	10-12'	
Date	4/7/11	4/7/11	4/7/11	
cis-DCE	35 J	28 J	<14	
trans-DCE	<22	<22	<22	
PCE	<24	**142**	<24	
TCE	<47	<47	<47	

GP-10			
Sample Depth	2'-4'	6'-8'	10-12'
Date	4/7/11	4/7/11	4/7/11
ND for VOCs			

GP-1	
Sample Depth (bgs)	1'-3'
Date	4/7/11
B(a)a	3,200
B(b)f	3,500
B(a)p	2,510
D(a,h)a	420
In(1,2,3-cd)p	1,390
Naphthalene	**410**

GP-2	
Sample Depth (bgs)	1'-3'
Date	4/7/11
B(a)a	3,200
B(b)f	3,900
B(a)p	2,820
D(a,h)a	460
In(1,2,3-cd)p	1,600

MW-6	
Sample Depth (bgs)	1'-3'
Date	8/12/04
Arsenic (mg/kg)	10
B(a)a	2,720
B(b)f	1,360
B(a)p	1,700
D(a,h)a	419
In(1,2,3-cd)p	1,030
Ph	**4,760**

GP-3	
Sample Depth (bgs)	1'-3'
Date	4/7/11
B(a)p	390

Analytical Key

ND = Not detected
Concentrations = µg/kg, unless otherwise noted
Exceedances: **bold** = groundwater protection exceedance; **bold** = direct contact exceedance; **bold** = groundwater & direct contact exceedance

cis-DCE = cis-1,2-Dichloroethene
trans-DCE = trans-1,2-Dichloroethene
PCE = Tetrachloroethene
TCE = Trichloroethene
B(a)a = Benzo(a)anthracene
B(a)p = Benzo(a)pyrene
B(b)f = Benzo(b)fluoranthene
D(a,h)a = Dibenzo(a,h)anthracene
In(1,2,3-cd)p = Indeno(1,2,3-cd)pyrene
Naph = Naphthalene
Ph = Phenanthrene

Only compounds with exceedances included in this figure except for all concentrations of chlorinated VOCs above method detection limits.

LEGEND

- 1998 SOIL BORINGS
- SOIL BORING/MW LOCATIONS
- PIEZOMETER INSTALLED BY SIGMA
- 5' OFFSET CROSS CHISELED IN CONCRETE
- FLAGPOLE
- SIGN
- CONTROL BOX
- POWER POLE
- LIGHT POLE
- HANDICAPPED PARKING
- ELECTRIC MANHOLE
- ELECTRIC METER
- TELEPHONE MANHOLE
- GAS VALVE
- GAS METER
- ROUND INLET
- SQUARE INLET
- WATER VALVE
- HYDRANT
- S -MARKED STEAM LINE
- W -MARKED WATERMAIN
- E -UNDERGROUND ELECTRIC
- OHW OVERHEAD WIRES

NOTE:
DIMENSIONS DEPICTED ON MAP ARE FOR REFERENCE ONLY.

0 20 40 60 80

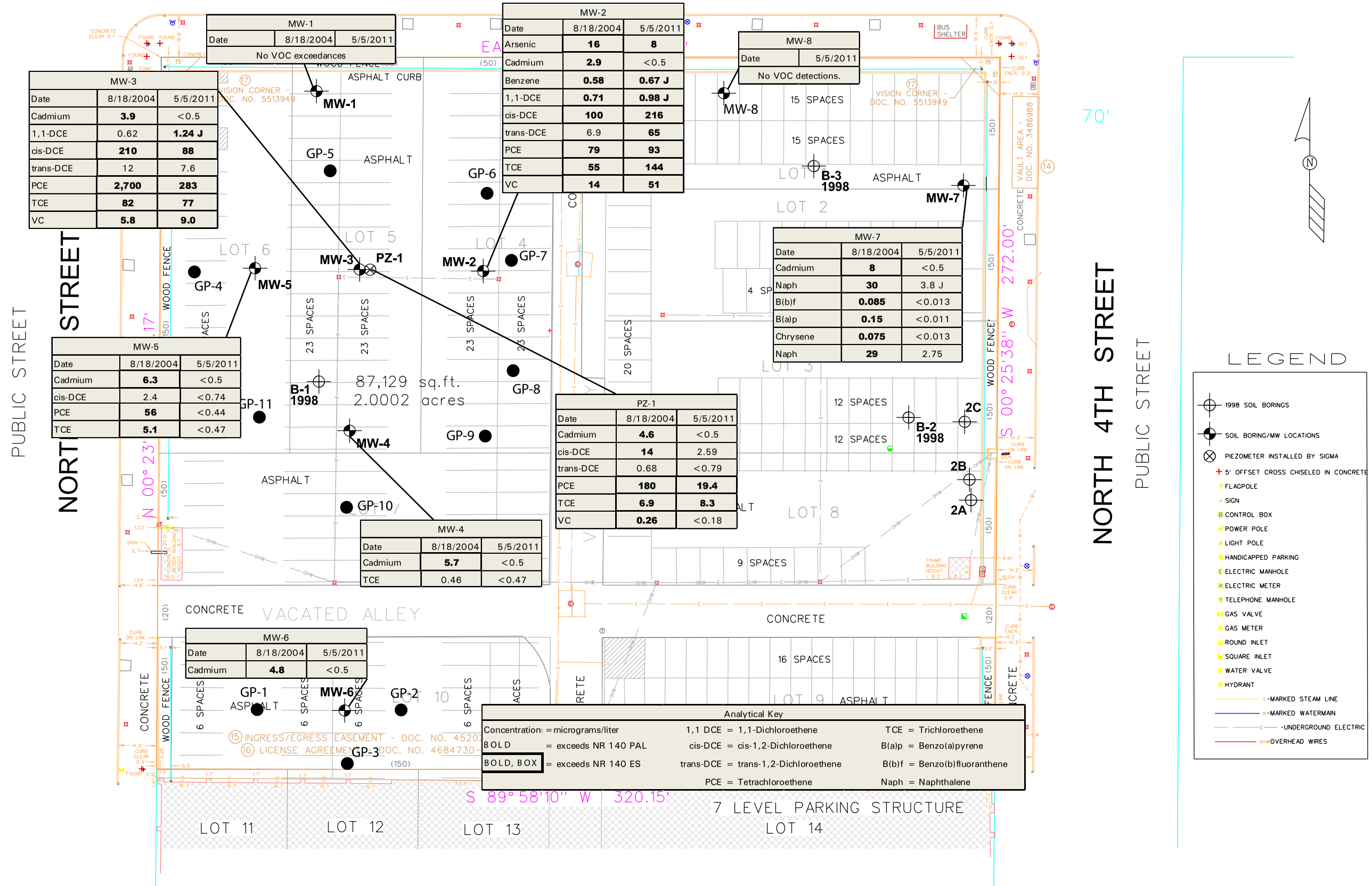
401-441 W. WISCONSIN AVENUE

SIGMA ENVIRONMENTAL SERVICES, INC.

DATE: 09-03-04 | DR. BY: RMJ | DR.# 8823-001E-A | SCALE: 1" = 40'

SOIL QUALITY MAP

FIGURE 6



MW-1		
Date	8/18/2004	5/5/2011
No VOC exceedances		

MW-2		
Date	8/18/2004	5/5/2011
Arsenic	**16**	**8**
Cadmium	**2.9**	<0.5
Benzene	**0.58**	**0.67 J**
1,1-DCE	**0.71**	**0.98 J**
cis-DCE	**100**	**216**
trans-DCE	6.9	**65**
PCE	**79**	**93**
TCE	**55**	**144**
VC	**14**	**51**

MW-3		
Date	8/18/2004	5/5/2011
Cadmium	**3.9**	<0.5
1,1-DCE	0.62	**1.24 J**
cis-DCE	**210**	**88**
trans-DCE	12	7.6
PCE	**2,700**	**283**
TCE	**82**	**77**
VC	**5.8**	**9.0**

MW-8	
Date	5/5/2011
No VOC detections.	

MW-7		
Date	8/18/2004	5/5/2011
Cadmium	**8**	<0.5
Naph	**30**	3.8 J
B(b)f	**0.085**	<0.013
B(a)p	**0.15**	<0.011
Chrysene	**0.075**	<0.013
Naph	**29**	2.75

MW-5		
Date	8/18/2004	5/5/2011
Cadmium	**6.3**	<0.5
cis-DCE	2.4	<0.74
PCE	**56**	<0.44
TCE	**5.1**	<0.47

PZ-1		
Date	8/18/2004	5/5/2011
Cadmium	**4.6**	<0.5
cis-DCE	**14**	2.59
trans-DCE	0.68	<0.79
PCE	**180**	**19.4**
TCE	**6.9**	**8.3**
VC	**0.26**	<0.18

MW-4		
Date	8/18/2004	5/5/2011
Cadmium	**5.7**	<0.5
TCE	0.46	<0.47

MW-6		
Date	8/18/2004	5/5/2011
Cadmium	**4.8**	<0.5

Analytical Key		
Concentration: = micrograms/liter	1,1 DCE = 1,1-Dichloroethene	TCE = Trichloroethene
BOLD = exceeds NR 140 PAL	cis-DCE = cis-1,2-Dichloroethene	B(a)p = Benzo(a)pyrene
BOLD, BOX = exceeds NR 140 ES	trans-DCE = trans-1,2-Dichloroethene	B(b)f = Benzo(b)fluoranthene
	PCE = Tetrachloroethene	Naph = Naphthalene

NOTE:
DIMENSIONS DEPICTED ON MAP ARE FOR REFERENCE ONLY.

0 20 40 60 80

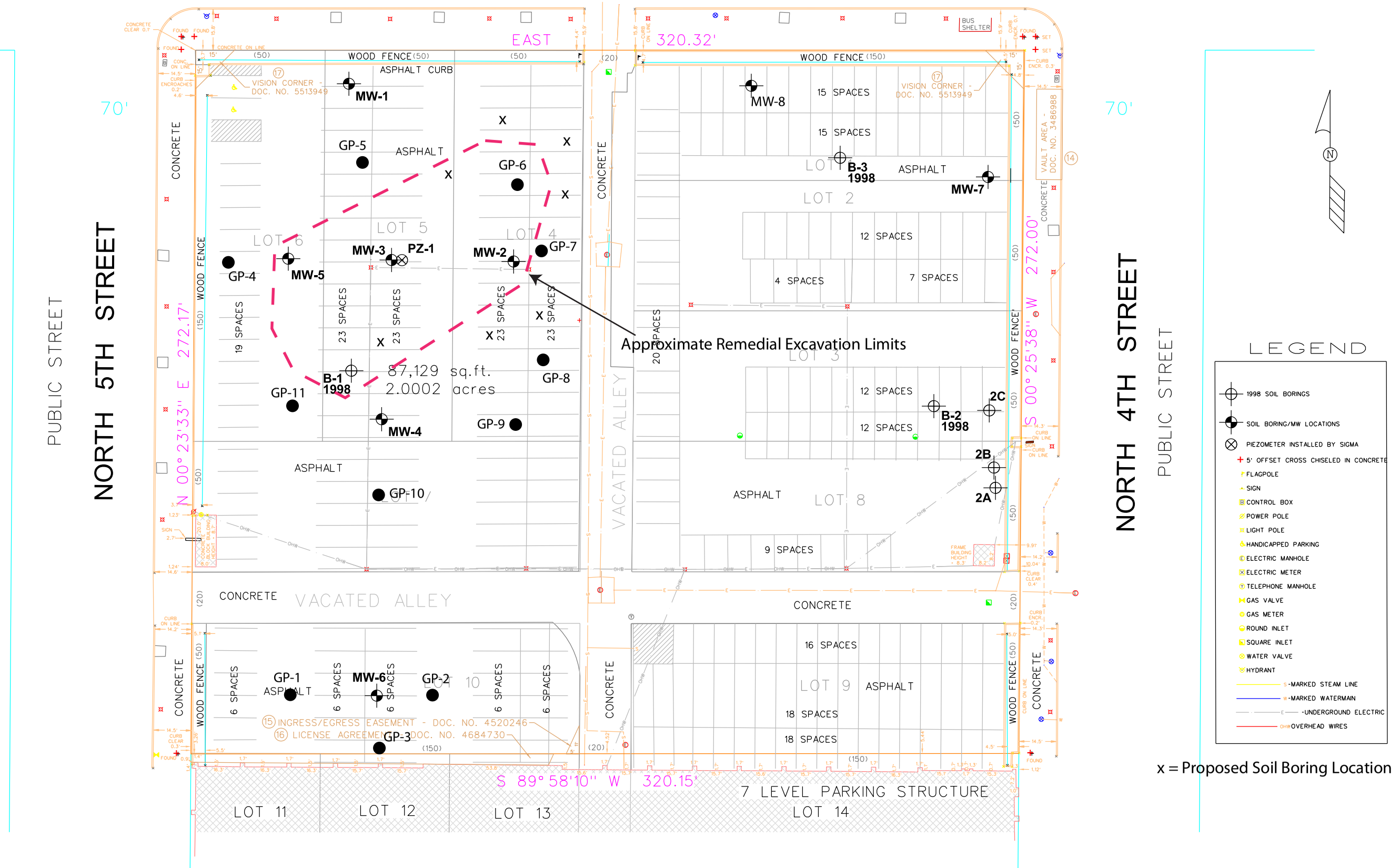
401-441 W. WISCONSIN AVENUE

SIGMA ENVIRONMENTAL SERVICES, INC.

DATE: 09-03-04	DR. BY: RMJ	DR.# 8823-001E-A	SCALE: 1" = 40'

GROUNDWATER QUALITY MAP

FIGURE 7



NOTE:
DIMENSIONS DEPICTED ON MAP ARE FOR REFERENCE ONLY.

401-441 W. WISCONSIN AVENUE			SIGMA ENVIRONMENTAL SERVICES, INC.
DATE: 09-03-04	DR. BY: RMJ	DR.# 8823-001E-A	SCALE: 1" = 40'
PROPOSED REMEDIAL ACTION PLAN			**FIGURE 8**

APPENDIX A
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/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
401 W. Wisconsin St.	-	GP-1

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Joe Sikora Sigma Environmental	4/7/2011	4/7/2011	Geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet Site	Feet Site	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of SE 1/4 of Section 29, T 7 N, R 22 E

Lat ___ ° ___ ' ___ "
Long ___ ° ___ ' ___ "

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

Facility ID	County	County Code	Civil Town/City/ or Village
	Milwaukee	41	Milwaukee

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	24 22	PUSH		Asphalt pavement				1.1						
			1.5	Clayey silt w/little concrete debris and gravel, lt. brown, rusty mottles, damp, sl. stiff	CL-ML			0.9						
2 GP	24 22	PUSH	3.0											
				End of boring.										

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

Signature

Firm Sigma Environmental Services, Inc.
1300 W. Canal Street Milwaukee, WI 53233
Tel: 414-643-4200
Fax: 414-643-4210

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 m result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be be used for any other purpose. NOTE: See instructions for more information, including where the completed fo should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
401 W. Wisconsin St.	-	GP-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Joe Sikora Sigma Environmental	4/7/2011	4/7/2011	Geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet Site	Feet Site	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of SE 1/4 of Section 29, T 7 N, R 22 E
Lat ___ ° ___ ' ___ "
Long ___ ° ___ ' ___ "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Milwaukee	41	Milwaukee

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	24 18	PUSH		Asphalt pavement				1.1						
			1.5	Gravelly silt fill w/tr. cinders, black/v. dark gray w/rusty patches, moist, loose	ML									
2 GP	24 18	PUSH	3.0					1.3						
				End of boring.										

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

Signature

Firm Sigma Environmental Services, Inc.
1300 W. Canal Street Milwaukee, WI 53233
Tel: 414-643-4200
Fax: 414-643-4210

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
401 W. Wisconsin St.	-	GP-3

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Joe Sikora Sigma Environmental	4/7/2011	4/7/2011	Geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet Site	Feet Site	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of SE 1/4 of Section 29, T 7 N, R 22 E
Lat ___ ° ___ ' ___ "
Long ___ ° ___ ' ___ "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Milwaukee	41	Milwaukee

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	24 20	PUSH	1.5	Asphalt pavement Clayey silt fill w/little gravel and brick debris, sl. moist, soft	ML			1.4						
2 GP	24 20	PUSH	3.0					1.2						
				End of boring.										

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

Signature	Firm	
	Sigma Environmental Services, Inc. 1300 W. Canal Street Milwaukee, WI 53233	Tel: 414-643-4200 Fax: 414-643-4210

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
401 W. Wisconsin St.	-	GP-4

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Joe Sikora Sigma Environmental	4/7/2011	4/7/2011	Geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet Site	Feet Site	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of SE 1/4 of Section 29, T 7 N, R 22 E
Lat ___ ° ___ ' ___ "
Long ___ ° ___ ' ___ "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Milwaukee	41	Milwaukee

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	24 18	PUSH		Asphalt pavement				1.7						
				Gravel base, gray	GW									
			1.5	Sand fill w/tr. gravel, brown	SW									
2 GP	24 18	PUSH	3.0	Silty clay w/little gravel, gray, sl. moist, stiff				1.7						
3 GP	24 21	PUSH	4.5	Little gravel, black and lt. gray mottles, moist, sl. stiff				2.0						
4 GP	24 21	PUSH	6.0					1.8						
			7.5		CL-ML									
5 GP	24 21	PUSH	9.0	Gravel, moist to v. moist, stiff				1.8						
6 GP	24 21	PUSH	10.5	Concrete debris				2.7						
7 GP	24 22	PUSH	12.0	Clayey silt, dark gray, v. moist to wet, soft	ML			2.1						
8 GP	24 22	PUSH	13.5	Silty fine sand, brown, wet, loose	SM			2.0						
			15.0	End of boring.										
				Silty clay, tr. gravel, gray, v. moist, sl. stiff	CL									

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

Signature

Firm Sigma Environmental Services, Inc.
1300 W. Canal Street Milwaukee, WI 53233
Tel: 414-643-4200
Fax: 414-643-4210

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
401 W. Wisconsin St.	-	GP-5

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Joe Sikora Sigma Environmental	4/7/2011	4/7/2011	Geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet Site	Feet Site	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of SE 1/4 of Section 29, T 7 N, R 22 E
Lat ___ ° ___ ' ___ "
Long ___ ° ___ ' ___ "
Local Grid Location
☐ N ☐ E
Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Milwaukee	41	Milwaukee

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	24 18	PUSH		Asphalt pavement	GW			1.7						
				Gravel base, gray										
			1.5	Silty clay w/little gravel, gray, moist, stiff	CL-ML			1.5						
2 GP	24 18	PUSH	3.0											
3 GP	24 21	PUSH	4.5	Silty sand, brown, v. moist, loose	SM			1.7						
				Silty clay, little to tr. gravel, gray to d. gray, moist, stiff	CL-ML									
4 GP	24 21	PUSH	6.0					1.7						
			7.5											
5 GP	24 24	PUSH	9.0					2.0						
				Silty sand w/some gravel, brown, wet	SM									
6 GP	24 24	PUSH	10.5	Silty clay, tr. gravel, brown turning gray, moist, dense, sl. stiff				2.4						
7 GP	24 24	PUSH	12.0	Gray, v. moist, sl. stiff	CL-ML			1.8						
			13.5											
8 GP	24 24	PUSH	15.0					1.6						
				End of boring.										

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Signature

Firm Sigma Environmental Services, Inc.
1300 W. Canal Street Milwaukee, WI 53233
Tel: 414-643-4200
Fax: 414-643-4210

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
401 W. Wisconsin St.	-	GP-6

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Joe Sikora Sigma Environmental	4/7/2011	4/7/2011	Geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet Site	Feet Site	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of SE 1/4 of Section 29, T 7 N, R 22 E
Lat ___ ° ___ ' ___ "
Long ___ ° ___ ' ___ "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Milwaukee	41	Milwaukee

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	24 16	PUSH		Asphalt pavement				2.1						
				Gravel base, gray	GW									
			1.5	Sand, brown, poorly graded	SP									
2 GP	24 16	PUSH	3.0	Clayey silt w/gravel and tr. cinders, dark gray	ML			1.8						
3 GP	24 15	PUSH	4.5					1.8						
				no recovery										
4 GP	24 15	PUSH	6.0	Silty clay w/little gravel, gray, v. moist, sl. stiff	CL-ML			1.8						
5 GP	24 21	PUSH	7.5					3.1						
6 GP	24 21	PUSH	9.0					2.4						
			10.5	Clayey silt, gray, sl. stiff, v. moist	ML									
			12.0	Clay w/gravel, moist, sl. stiff	CL									
7 GP	24 21	PUSH	13.5	Silty sand, brown, v. moist, med. dense	SM			2.1						
8 GP	24 21	PUSH	15.0					2.0						
9 GP	24 24	PUSH	16.5	Silty clay, tr. gravel, gray, moist, stiff	CL			8.8						
10 GP	24 24	PUSH	18.0					35						
			19.5	End of boring.										

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

Signature

Firm Sigma Environmental Services, Inc.
1300 W. Canal Street Milwaukee, WI 53233
Tel: 414-643-4200
Fax: 414-643-4210

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
401 W. Wisconsin St.	-	GP-7

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Joe Sikora Sigma Environmental	4/7/2011	4/7/2011	Geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet Site	Feet Site	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of SE 1/4 of Section 29, T 7 N, R 22 E
Lat ___ ° ___ ' ___ "
Long ___ ° ___ ' ___ "
Local Grid Location
☐ N ☐ E
Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Milwaukee	41	Milwaukee

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	24 20	PUSH		Asphalt pavement				4.9						
				Gravel base, gray	GW									
			1.5	Sand, brown, poorly graded	SP									
2 GP	24 20	PUSH	3.0	Silty clay w/some gravel, brick debris, brown, moist, soft	CL-ML			16.8						
3 GP	24 24	PUSH	4.5					43.7						
4 GP	24 24	PUSH	6.0	Silty clay, tr. gravel, brown, moist, soft	CL-ML			30.7						
5 GP	24 24	PUSH	7.5	Silty clay, gray/dark gray, black mottles, moist	CL-ML			13.7						
6 GP	24 24	PUSH	9.0	V. moist, soft, some sand and gravel				63						
7 GP	24 24	PUSH	10.5	Silty gravel, v. dark gray, v. moist to wet, loose	GM			33.5						
8 GP	24 24	PUSH	12.0	Sandy silt, brown, wet, loose	ML			10.2						
			13.5											
			15.0	End of boring.										

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

Signature

Firm Sigma Environmental Services, Inc.
1300 W. Canal Street Milwaukee, WI 53233
Tel: 414-643-4200
Fax: 414-643-4210

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
401 W. Wisconsin St.	-	GP-8

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Joe Sikora Sigma Environmental	4/7/2011	4/7/2011	Geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet Site	Feet Site	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of SE 1/4 of Section 29, T 7 N, R 22 E
Lat ___° ___' ___"
Long ___° ___' ___"
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Milwaukee	41	Milwaukee

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	24 18	PUSH		Asphalt pavement				4.1						
		PUSH		Gravel base, gray	GW									
		PUSH	1.5	Sand, brown, poorly graded	SP									
2 GP	24 18	PUSH	3.0	Silty clay w/tr. gravel, brick debris, brownish gray	CL-ML			4.5						
3 GP	24 18	PUSH	4.5	Silty clay w/some sand and gravel, brown, moist, soft	CL-ML			3.3						
4 GP	24 18	PUSH	6.0					6.4						
		PUSH	7.5	Silty clay w/some gravel, gray, v. moist and soft	CL-ML									
5 GP	24 2	PUSH	9.0	Poor recovery, wet gravelly clay and concrete debris	CL			--						
6 GP	24 2	PUSH	10.5					4.9						
7 GP	24 2	PUSH	12.0	Poor recovery, wet gravelly clay	CL			--						
8 GP	24 2	PUSH	13.5					14.3						
		PUSH	15.0											
9 GP	24 24	PUSH	16.5	Fine sandy silt, gray, wet	ML			7.1						
10 GP	24 24	PUSH	18.0					18						
		PUSH	19.5	End of boring.										

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

Signature

Firm Sigma Environmental Services, Inc.
1300 W. Canal Street Milwaukee, WI 53233
Tel: 414-643-4200
Fax: 414-643-4210

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
401 W. Wisconsin St.	-	GP-9

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Joe Sikora Sigma Environmental	4/7/2011	4/7/2011	Geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet Site	Feet Site	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of SE 1/4 of Section 29, T 7 N, R 22 E
Lat ___ ° ___ ' ___ "
Long ___ ° ___ ' ___ "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Milwaukee	41	Milwaukee

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	24 20	PUSH		Asphalt pavement				3.6						
				Gravel base, gray	GW									
			1.5	Silty clay w/gravel, brick debris, wood pieces, brownish gray w/rusty mottles, sl. moist, soft	CL-ML			4.0						
2 GP	24 20	PUSH	3.0											
3 GP	24 18	PUSH	4.5	Silty clay, some gravel, gray, v. moist to wet	CL-ML			3.9						
4 GP	24 18	PUSH	6.0					8.5						
5 GP	24 16	PUSH	7.5	Silty gravel, moist, loose brick debris, poor recovery	GM			4.9						
6 GP	24 8	PUSH	9.0											
			10.5	Refusal. End of boring.				5.9						

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

Signature

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
401 W. Wisconsin St.	-	GP-10

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Joe Sikora Sigma Environmental	4/7/2011	4/7/2011	Geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet Site	Feet Site	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of SE 1/4 of Section 29, T 7 N, R 22 E
Lat ___ ° ___ ' ___ "
Long ___ ° ___ ' ___ "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Milwaukee	41	Milwaukee

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	24 18	PUSH		Asphalt pavement	GW			10.1						
		PUSH	1.5	Gravel base, gray										
2 GP	24 18	PUSH	3.0	Clayey silt, gravel and brick debris, dark brown to v. dark brown, black mottles, sl. moist, soft	CL-ML			8.8						
3 GP	24 24	PUSH	4.5	Silty sand, brown, moist, soft				13.9						
4 GP	24 24	PUSH	6.0					5.8						
5 GP	24 24	PUSH	7.5	V. moist to wet	SM			7.0						
6 GP	24 24	PUSH	9.0					15.6						
7 GP	24 24	PUSH	10.5					11.7						
8 GP	24 24	PUSH	12.0	Silty clay, brown to gray, uniform, moist, stiff	CL-ML			4.7						
		PUSH	13.5											
		PUSH	15.0											
		PUSH		End of boring.										

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

Signature

Firm Sigma Environmental Services, Inc.
1300 W. Canal Street Milwaukee, WI 53233
Tel: 414-643-4200
Fax: 414-643-4210

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
401 W. Wisconsin St.	-	GP-11

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Joe Sikora Sigma Environmental	4/7/2011	4/7/2011	Geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet Site	Feet Site	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
NW 1/4 of SE 1/4 of Section 29, T 7 N, R 22 E
Lat ___ ° ___ ' ___ "
Long ___ ° ___ ' ___ "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Milwaukee	41	Milwaukee

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	24 20	PUSH		Asphalt pavement				2.1						
				Gravel base, gray	GW									
			1.5	Silty clay w/some sand and gravel, brick debris, dark brown w/rusty mottles, sl. moist	CL-ML									
2 GP	24 20	PUSH	3.0					4.3						
3 GP	24 24	PUSH	4.5	Silty clay w/little gravel, brown/lt. gray mottled, moist, sl. stiff				2.5						
4 GP	24 24	PUSH	6.0		CL-ML			3.6						
			7.5											
5 GP	24 24	PUSH	9.0	Silty clay w/some gravel, dark gray, v. moist, soft	CL-ML			2.3						
6 GP	24 24	PUSH	10.5					3.7						
				Silty gravel, black, v. moist, loose	GM									
			12.0	Silty clay w/little gravel, grayish brown, moist, sl. stiff	CL-ML									
7 GP	24 24	PUSH	13.5	Fine sandy silt, wet, brown	ML			1.3						
8 GP	24 24	PUSH	15.0					1.5						
				Silty clay, brown, moist, stiff	CL-ML									
				End of boring.										

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

Signature

Firm Sigma Environmental Services, Inc.
1300 W. Canal Street Milwaukee, WI 53233
Tel: 414-643-4200
Fax: 414-643-4210

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State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Other _____

SOIL BORING LOG INFORMATIC
Form 4400-122

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Redevelopment Authority	— — — — — — —	MW-8

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Gestra	04/19/11 (M M / D D / Y Y)	04/19/11 (M M / D D / Y Y)	HSA

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diame
— — —	— — — — — — — —		____ Feet MSL	____ Feet MSL	9 inch

Boring Location
State Plane _____ N, _____ E S/C/N | Lat ___ ___ ___
____ 1/4 of ____ 1/4 of Section ____, T ____ N, R ____ E/W | Long ___ ___ ___

Local Grid Location (If applicable)
____ Feet ☐ N ☐ S ____ Feet ☐

County	DNR County Code	Civil Town/City/ or Village
Milwaukee	— —	Milwaukee

Sample Number	Length Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/
				Asphalt Surface										
			1	Brown Silty Clay Damp										
			2											
			3											
			4	Yellow Brick in Clay at 4'bgs										
			5											
			6	Clay Contains Sand at 6'bgs Becomes Moist at 6'bgs										
			7	Concrete Refusal to sample tube 6.5-9.0' bgs Moved boring 6 feet south										
			8											
			9	Becomes Grey and Wet at 8.5' bgs 3 inch silty sand seam saturated at 9' bgs										
			10											
			11	Clay becomes moist at 11' bgs										
			12											

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

Signature	Firm
[signature]	Sigma Env. Services

This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than $10 nor more than $5,000 for each violation. Fined not less than $10 or more than $100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Sample		Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
			13											
			14											
			15	End of Boring										

APPENDIX B
Borehole Abandonment Forms

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5 2/2000

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report 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 this form 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 this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

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

(1) GENERAL INFORMATION

WI Unique Well No.:
DNR Well ID No.:
County: Milwaukee

Common Well Name: GP-1 Gov't Lot (if applicable):

Grid Location: NW 1/4 of SE 1/4 of Sec. 29 ; T. 7 N; R. 22 ☒ E ☐ W

ft. ☐ N. ☐ S., ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☒

Lat ° ' " Long ° ' " or

State Plane ft. N. ft. E. ☐ S ☐ C ☐ N Zone

Reason For Abandonment: Investigation soil boring

WI Unique Well No. of Replacement Well:

(2) FACILITY /OWNER INFORMATION

Facility Name: 401 W. Wisconsin St.

Facility ID:
License/Permit/Monitoring No.: -

Street Address of Well: 401 W. Wisconsin Ave.

City, Village, or Town: Milwaukee

Present Well Owner:
Original Owner:

Street Address or Route of Owner:

City, State, Zip Code:

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date:

☐ Monitoring Well
☐ Water Well
☐ Drillhole / Borehole

If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) (From ground surface):
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

Depth to Water (Feet):

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

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	
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	

Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Screened & Poured (Bentonite Chips) ☒ Other (Explain) Gravity pour

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 Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)		Mix Ratio or Mud Weight
asphalt patch	Surface	0.5		
3/8" bentonite chips	0.5	4.0		

(6) Comments

(7) Name of Person or Firm Doing Sealing Work: Sigma Environmental Services, Inc.
Date of Abandonment: 4/7/11
Signature of Person Doing Work:
Date Signed: 4/7/11
Street or Route: 1300 West Canal Street
Telephone Number: 414-643-4200
City, State, Zip Code: Milwaukee, WI 53233

FOR DNR OR COUNTY USE ONLY
Date Received:
Noted By:
Comments:

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5 2/2000

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

(1) GENERAL INFORMATION

WI Unique Well No.:
DNR Well ID No.:
County: Milwaukee

Common Well Name: GP-2 Gov't Lot (if applicable):

Grid Location: NW 1/4 of SE 1/4 of Sec. 29 ; T. 7 N; R. 22 ☒ E ☐ W

ft. ☐ N. ☐ S., ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☒

Lat ° ' " Long ° ' " or

State Plane ft. N. ft. E. ☐ S ☐ C ☐ N Zone

Reason For Abandonment: Investigation soil boring

WI Unique Well No. of Replacement Well:

(2) FACILITY /OWNER INFORMATION

Facility Name: 401 W. Wisconsin St.

Facility ID:
License/Permit/Monitoring No.: -

Street Address of Well: 401 W. Wisconsin Ave.

City, Village, or Town: Milwaukee

Present Well Owner:
Original Owner:

Street Address or Route of Owner:

City, State, Zip Code:

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date:

☐ Monitoring Well
☐ Water Well
☐ Drillhole / Borehole

If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) (From ground surface):
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

Depth to Water (Feet):

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

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	
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	

Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Screened & Poured (Bentonite Chips) ☒ Other (Explain) Gravity pour

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 Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)		Mix Ratio or Mud Weight
asphalt patch	Surface	0.5		
3/8" bentonite chips	0.5	4.0		

(6) Comments

(7) Name of Person or Firm Doing Sealing Work: Sigma Environmental Services, Inc.
Date of Abandonment: 4/7/11
Signature of Person Doing Work:
Date Signed: 4/7/11
Street or Route: 1300 West Canal Street
Telephone Number: 414-643-4200
City, State, Zip Code: Milwaukee, WI 53233

FOR DNR OR COUNTY USE ONLY
Date Received:
Noted By:
Comments:

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5 2/2000

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

(1) GENERAL INFORMATION

WI Unique Well No. | DNR Well ID No. | County: Milwaukee

Common Well Name: GP-3 _____ Gov't Lot (if applicable)

Grid Location: NW 1/4 of SE 1/4 of Sec. 29 ; T. 7 N; R. 22 ☒ E ☐ W

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

Local Grid Origin ☐ (estimated: ☐) or Well Location ☒

Lat ___ ° ___ ' ___ " Long ___ ° ___ ' ___ " or

State Plane _____ ft. N. _____ ft. E. S ☐ C ☐ N ☐ Zone

Reason For Abandonment: Investigation soil boring

WI Unique Well No. of Replacement Well

(2) FACILITY /OWNER INFORMATION

Facility Name: 401 W. Wisconsin St.

Facility ID | License/Permit/Monitoring No.: -

Street Address of Well: 401 W. Wisconsin Ave.

City, Village, or Town: Milwaukee

Present Well Owner | Original Owner

Street Address or Route of Owner

City, State, Zip Code

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date _____

☐ Monitoring Well
☐ Water Well
☐ Drillhole / Borehole

If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) _____ (From ground surface)
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

Depth to Water (Feet) _____

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

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	
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	

Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Screened & Poured (Bentonite Chips) ☒ Other (Explain) Gravity pour

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 Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)		Mix Ratio or Mud Weight
asphalt patch	Surface	0.5		
3/8" bentonite chips	0.5	4.0		

(6) Comments _____

(7) Name of Person or Firm Doing Sealing Work: Sigma Environmental Services, Inc.

Date of Abandonment: 4/7/11

Signature of Person Doing Work | Date Signed: 4/7/11

Street or Route: 1300 West Canal Street

Telephone Number: 414-643-4200

City, State, Zip Code: Milwaukee, WI 53233

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000

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

(1) GENERAL INFORMATION

WI Unique Well No. | DNR Well ID No. | County: Milwaukee

Common Well Name: GP-4 _____ Gov't Lot (if applicable)

Grid Location: NW 1/4 of SE 1/4 of Sec. 29 ; T. 7 N; R. 22 ☒ E ☐ W

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

Local Grid Origin ☐ (estimated: ☐) or Well Location ☒

Lat ___ ° ___ ' ___ " Long ___ ° ___ ' ___ " or

State Plane _____ ft. N. _____ ft. E. S ☐ C ☐ N ☐ Zone

Reason For Abandonment: Investigation soil boring

WI Unique Well No. of Replacement Well

(2) FACILITY /OWNER INFORMATION

Facility Name: 401 W. Wisconsin St.

Facility ID | License/Permit/Monitoring No.: -

Street Address of Well: 401 W. Wisconsin Ave.

City, Village, or Town: Milwaukee

Present Well Owner | Original Owner

Street Address or Route of Owner

City, State, Zip Code

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date _____

☐ Monitoring Well
☐ Water Well
☐ Drillhole / Borehole

If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) _____ (From ground surface)
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

Depth to Water (Feet) _____

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

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	
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	

Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Screened & Poured (Bentonite Chips) ☒ Other (Explain) Gravity pour

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 Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)		Mix Ratio or Mud Weight
asphalt patch	Surface	0.5		
3/8" bentonite chips	0.5	16.0		

(6) Comments _____

(7) Name of Person or Firm Doing Sealing Work: Sigma Environmental Services, Inc.

Date of Abandonment: 4/7/11

Signature of Person Doing Work | Date Signed: 4/7/11

Street or Route: 1300 West Canal Street

Telephone Number: 414-643-4200

City, State, Zip Code: Milwaukee, WI 53233

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000

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

(1) GENERAL INFORMATION

WI Unique Well No. | DNR Well ID No. | County: Milwaukee

Common Well Name: GP-5 _____ Gov't Lot (if applicable)

Grid Location: NW 1/4 of SE 1/4 of Sec. 29 ; T. 7 N; R. 22 ☒ E ☐ W

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

Local Grid Origin ☐ (estimated: ☐) or Well Location ☒

Lat ___ ° ___ ' ___ " Long ___ ° ___ ' ___ " or

State Plane _____ ft. N. _____ ft. E. S ☐ C ☐ N ☐ Zone

Reason For Abandonment: Investigation soil boring

WI Unique Well No. of Replacement Well

(2) FACILITY /OWNER INFORMATION

Facility Name: 401 W. Wisconsin St.

Facility ID | License/Permit/Monitoring No.: -

Street Address of Well: 401 W. Wisconsin Ave.

City, Village, or Town: Milwaukee

Present Well Owner | Original Owner

Street Address or Route of Owner

City, State, Zip Code

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date _____

☐ Monitoring Well
☐ Water Well
☐ Drillhole / Borehole

If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) _____ (From ground surface)

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

Depth to Water (Feet) _____

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

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	
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	

Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Screened & Poured ☒ Other (Explain) Gravity pour (Bentonite Chips)

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 Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)		Mix Ratio or Mud Weight
asphalt patch	Surface	0.5		
3/8" bentonite chips	0.5	16.0		

(6) Comments _____

(7) Name of Person or Firm Doing Sealing Work: Sigma Environmental Services, Inc.

Date of Abandonment: 4/7/11

Signature of Person Doing Work: [signature]

Date Signed: 4/7/11

Street or Route: 1300 West Canal Street

Telephone Number: 414-643-4200

City, State, Zip Code: Milwaukee, WI 53233

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report 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 this form 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 this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

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

(1) GENERAL INFORMATION

WI Unique Well No. | DNR Well ID No. | County: Milwaukee

Common Well Name: GP-6 _____ Gov't Lot (if applicable)

Grid Location: NW 1/4 of SE 1/4 of Sec. 29 ; T. 7 N; R. 22 ☒ E ☐ W

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

Local Grid Origin ☐ (estimated: ☐) or Well Location ☒

Lat ___ ° ___ ' ___ " Long ___ ° ___ ' ___ " or

State Plane _____ ft. N. _____ ft. E. ☐ S ☐ C ☐ N Zone

Reason For Abandonment: Investigation soil boring

WI Unique Well No. of Replacement Well

(2) FACILITY /OWNER INFORMATION

Facility Name: 401 W. Wisconsin St.

Facility ID | License/Permit/Monitoring No.: -

Street Address of Well: 401 W. Wisconsin Ave.

City, Village, or Town: Milwaukee

Present Well Owner | Original Owner

Street Address or Route of Owner

City, State, Zip Code

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date _____

☐ Monitoring Well
☐ Water Well
☐ Drillhole / Borehole

If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) _____ (From ground surface)
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

Depth to Water (Feet) _____

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

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	

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

Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Screened & Poured ☒ Other (Explain) Gravity pour
(Bentonite Chips)

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 Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)		Mix Ratio or Mud Weight
asphalt patch	Surface	0.5		
3/8" bentonite chips	0.5	20.0		

(6) Comments _____

(7) Name of Person or Firm Doing Sealing Work: Sigma Environmental Services, Inc.

Date of Abandonment: 4/7/11

Signature of Person Doing Work | Date Signed: 4/7/11

Street or Route: 1300 West Canal Street

Telephone Number: 414-643-4200

City, State, Zip Code: Milwaukee, WI 53233

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report 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 this form 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 this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

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

(1) GENERAL INFORMATION

WI Unique Well No. | DNR Well ID No. | County: Milwaukee

Common Well Name: GP-7 _____ Gov't Lot (if applicable)

Grid Location: NW 1/4 of SE 1/4 of Sec. 29 ; T. 7 N; R. 22 ☒ E ☐ W

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

Local Grid Origin ☐ (estimated: ☐) or Well Location ☒

Lat ___ ° ___ ' ___ " Long ___ ° ___ ' ___ " or

State Plane _____ ft. N. _____ ft. E. ☐ S ☐ C ☐ N Zone

Reason For Abandonment: Investigation soil boring

WI Unique Well No. of Replacement Well

(2) FACILITY /OWNER INFORMATION

Facility Name: 401 W. Wisconsin St.

Facility ID | License/Permit/Monitoring No.: -

Street Address of Well: 401 W. Wisconsin Ave.

City, Village, or Town: Milwaukee

Present Well Owner | Original Owner

Street Address or Route of Owner

City, State, Zip Code

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date _____

☐ Monitoring Well
☐ Water Well
☐ Drillhole / Borehole

If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) _____ (From ground surface)
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

Depth to Water (Feet) _____

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

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	
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	

Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Screened & Poured (Bentonite Chips) ☒ Other (Explain) Gravity pour

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 Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)		Mix Ratio or Mud Weight
asphalt patch	Surface	0.5		
3/8" bentonite chips	0.5	16.0		

(6) Comments _____

(7) Name of Person or Firm Doing Sealing Work: Sigma Environmental Services, Inc.

Date of Abandonment: 4/7/11

Signature of Person Doing Work

Date Signed: 4/7/11

Street or Route: 1300 West Canal Street

Telephone Number: 414-643-4200

City, State, Zip Code: Milwaukee, WI 53233

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5 2/2000

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

(1) GENERAL INFORMATION

WI Unique Well No. | DNR Well ID No. | County: Milwaukee

Common Well Name: GP-8 _____ Gov't Lot (if applicable)

Grid Location: NW 1/4 of SE 1/4 of Sec. 29 ; T. 7 N; R. 22 ☒ E ☐ W

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

Local Grid Origin ☐ (estimated: ☐) or Well Location ☒

Lat ___ ° ___ ' ___ " Long ___ ° ___ ' ___ " or

State Plane _____ ft. N. _____ ft. E. S ☐ C ☐ N ☐ Zone

Reason For Abandonment: Investigation soil boring

WI Unique Well No. of Replacement Well

(2) FACILITY /OWNER INFORMATION

Facility Name: 401 W. Wisconsin St.

Facility ID | License/Permit/Monitoring No.: -

Street Address of Well: 401 W. Wisconsin Ave.

City, Village, or Town: Milwaukee

Present Well Owner | Original Owner

Street Address or Route of Owner

City, State, Zip Code

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date _____

☐ Monitoring Well
☐ Water Well
☐ Drillhole / Borehole

If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) _____ (From ground surface)
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

Depth to Water (Feet) _____

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

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	
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	

Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Screened & Poured (Bentonite Chips) ☒ Other (Explain) Gravity pour

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 Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)		Mix Ratio or Mud Weight
asphalt patch	Surface	0.5		
3/8" bentonite chips	0.5	20.0		

(6) Comments _____

(7) Name of Person or Firm Doing Sealing Work: Sigma Environmental Services, Inc.

Date of Abandonment: 4/7/11

Signature of Person Doing Work: [signature]

Date Signed: 4/7/11

Street or Route: 1300 West Canal Street

Telephone Number: 414-643-4200

City, State, Zip Code: Milwaukee, WI 53233

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000

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

(1) GENERAL INFORMATION

WI Unique Well No. | DNR Well ID No. | County: Milwaukee

Common Well Name: GP-9 _____ Gov't Lot (if applicable)

Grid Location: NW 1/4 of SE 1/4 of Sec. 29 ; T. 7 N; R. 22 ☒ E ☐ W

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

Local Grid Origin ☐ (estimated: ☐) or Well Location ☒

Lat ___ ° ___ ' ___ " Long ___ ° ___ ' ___ " or

State Plane _____ ft. N. _____ ft. E. S ☐ C ☐ N ☐ Zone

Reason For Abandonment: Investigation soil boring

WI Unique Well No. of Replacement Well

(2) FACILITY /OWNER INFORMATION

Facility Name: 401 W. Wisconsin St.

Facility ID | License/Permit/Monitoring No.: -

Street Address of Well: 401 W. Wisconsin Ave.

City, Village, or Town: Milwaukee

Present Well Owner | Original Owner

Street Address or Route of Owner

City, State, Zip Code

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date _____

☐ Monitoring Well
☐ Water Well
☐ Drillhole / Borehole

If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) _____ (From ground surface)
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

Depth to Water (Feet) _____

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

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	
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	

Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Screened & Poured (Bentonite Chips) ☒ Other (Explain) Gravity pour

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 Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)		Mix Ratio or Mud Weight
asphalt patch	Surface	0.5		
3/8" bentonite chips	0.5	11.5		

(6) Comments _____

(7) Name of Person or Firm Doing Sealing Work: Sigma Environmental Services, Inc.

Date of Abandonment: 4/7/11

Signature of Person Doing Work

Date Signed: 4/7/11

Street or Route: 1300 West Canal Street

Telephone Number: 414-643-4200

City, State, Zip Code: Milwaukee, WI 53233

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000

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

(1) GENERAL INFORMATION

WI Unique Well No.:
DNR Well ID No.:
County: Milwaukee

Common Well Name: GP-10 Gov't Lot (if applicable):

Grid Location: NW 1/4 of SE 1/4 of Sec. 29 ; T. 7 N; R. 22 ☒ E ☐ W

ft. ☐ N. ☐ S., ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☒

Lat ° ' " Long ° ' " or

State Plane ft. N. ft. E. ☐ S ☐ C ☐ N Zone

Reason For Abandonment: Investigation soil boring

WI Unique Well No. of Replacement Well:

(2) FACILITY /OWNER INFORMATION

Facility Name: 401 W. Wisconsin St.

Facility ID:
License/Permit/Monitoring No.: -

Street Address of Well: 401 W. Wisconsin Ave.

City, Village, or Town: Milwaukee

Present Well Owner:
Original Owner:

Street Address or Route of Owner:

City, State, Zip Code:

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date:

☐ Monitoring Well
☐ Water Well
☐ Drillhole / Borehole

If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) (From ground surface):
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

Depth to Water (Feet):

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

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	
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	

Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Screened & Poured (Bentonite Chips) ☒ Other (Explain) Gravity pour

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 Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)		Mix Ratio or Mud Weight
asphalt patch	Surface	0.5		
3/8" bentonite chips	0.5	16.0		

(6) Comments

(7) Name of Person or Firm Doing Sealing Work: Sigma Environmental Services, Inc.
Date of Abandonment: 4/7/11
Signature of Person Doing Work:
Date Signed: 4/7/11
Street or Route: 1300 West Canal Street
Telephone Number: 414-643-4200
City, State, Zip Code: Milwaukee, WI 53233

FOR DNR OR COUNTY USE ONLY
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State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000

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

(1) GENERAL INFORMATION

WI Unique Well No. | DNR Well ID No. | County: Milwaukee

Common Well Name: GP-11 Gov't Lot (if applicable): _____

NW 1/4 of SE 1/4 of Sec. 29 ; T. 7 N; R. 22 ☒ E ☐ W
Grid Location

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

Local Grid Origin ☐ (estimated: ☐) or Well Location ☒

Lat ___ ° ___ ' ___ " Long ___ ° ___ ' ___ " or

State Plane _____ ft. N. _____ ft. E. S ☐ C ☐ N ☐ Zone

Reason For Abandonment: Investigation soil boring

WI Unique Well No. of Replacement Well

(2) FACILITY /OWNER INFORMATION

Facility Name: 401 W. Wisconsin St.

Facility ID | License/Permit/Monitoring No.: -

Street Address of Well: 401 W. Wisconsin Ave.

City, Village, or Town: Milwaukee

Present Well Owner | Original Owner

Street Address or Route of Owner

City, State, Zip Code

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date _____

☐ Monitoring Well
☐ Water Well
☐ Drillhole / Borehole

If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) _____ (From ground surface)
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

Depth to Water (Feet) _____

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

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	

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

Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Screened & Poured (Bentonite Chips) ☒ Other (Explain) Gravity pour

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 Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)		Mix Ratio or Mud Weight
asphalt patch	Surface	0.5		
3/8" bentonite chips	0.5	16.0		

(6) Comments _____

(7) Name of Person or Firm Doing Sealing Work: Sigma Environmental Services, Inc.

Date of Abandonment: 4/7/11

Signature of Person Doing Work

Date Signed: 4/7/11

Street or Route: 1300 West Canal Street

Telephone Number: 414-643-4200

City, State, Zip Code: Milwaukee, WI 53233

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

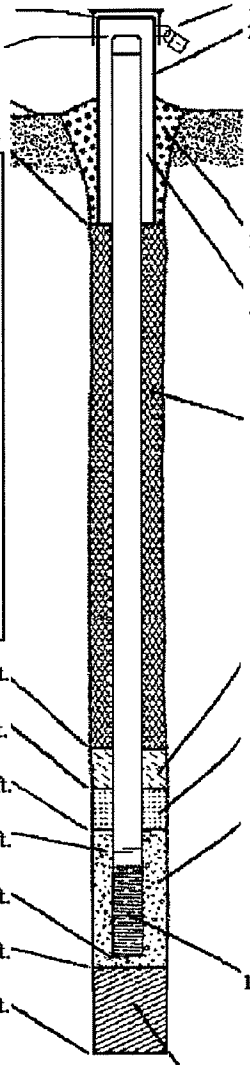
APPENDIX C
Monitoring Well Construction Forms & Development Forms

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: Redevelopment Authority	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: 04/19/2011 (m m d d y y y y)
Type of Well: Well Code ___/___	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: Gestra Eng. / Sigma Env. Serv.
Distance from Waste/Source ____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number _____



A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ 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 15.0 ft. MSL or _____ ft.

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

L. Borehole, diameter 9 in.

M. O.D. well casing 2.25 in.

N. I.D. well casing 2.00 in.

1. Cap and lock? ■ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: ~~15~~ 1.5 ft.
c. Material: Steel ■ 04; Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: Well Cap

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. _____
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. _____
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 _____
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ■ 14; Other ☐ _____

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

Signature: [signature] Firm: Sigma Env. Services

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

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

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

Facility/Project Name	County Name	Well Name
City of Milwaukee 4th & Wis.	Milwaukee	MW-8

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number

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) 14.95 ft.

5. Inside diameter of well 2.0 in.

6. Volume of water in filter pack and well casing 9.7 gal.

7. Volume of water removed from well 60 gal.

8. Volume of water added (if any) None gal.

9. Source of water added None

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. 8.54 ft.	____.__ ft.
Date	b. 05/02/2011 (m m d d y y y y)	05/02/2011 (m m d d y y y y)
Time	c. 8:00 ■ a.m. ☐ p.m.	9:00 ■ a.m. ☐ p.m.
12. Sediment in well bottom	0.0 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ■ 15 (Describe) light Brown	Clear ☐ 20 Turbid ■ 25 (Describe) less turbid light Brown

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: David Last Name: Dailey
Firm: Sigma Env.

17. Additional comments on development: Purged well dry 3 times
1st = 4.0 gals.
2nd = 1.5 gals.
3rd = 0.5 gal.

Name and Address of Facility Contact/Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: _____
Street: _____
City/State/Zip: _____

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: David Dailey
Print Name: David Dailey
Firm: Sigma Env.

NOTE: See instructions for more information including a list of county codes and well type codes.

APPENDIX D
Soil Disposal Documentation

Disposal Documentation

has not been received

by the date of this report but

will be forwarded to

the WDNR

following receipt.

WISCONSIN
STEPHEN R
MEER
E-39390
MILWAUKEE
WI
PROFESSIONAL ENGINEER
7/15/11

APPENDIX E
Soil Laboratory Analytical Report

Synergy Environmental Lab, INC.

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

STEVE MEER
SIGMA ENVIRONMMENTAL
1300 W. CANAL STREET
MILWAUKEE, WI 53233

Report Date *19-Apr-11*

Project Name 401 W. WISCONSIN
Project # 12422

Invoice # E22057

Lab Code 5022057A
Sample ID GP-1 1-3
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	89.9	%			1	5021		4/12/2011	MDK	1
Organic										
PAH SIM										
Acenaphthene	500	ug/kg	9.7	30.8	1	M8270D	4/11/2011	4/12/2011	MDK	1
Acenaphthylene	101	ug/kg	8.4	26.8	1	M8270D	4/11/2011	4/12/2011	MDK	1
Anthracene	1980	ug/kg	10.2	32.4	1	M8270D	4/11/2011	4/12/2011	MDK	1
Benzo(a)anthracene	3200	ug/kg	14.6	46.6	1	M8270D	4/11/2011	4/12/2011	MDK	1
Benzo(a)pyrene	2510	ug/kg	16.6	52.8	1	M8270D	4/11/2011	4/12/2011	MDK	1
Benzo(b)fluoranthene	3500	ug/kg	16.7	53.2	1	M8270D	4/11/2011	4/12/2011	MDK	1
Benzo(g,h,i)perylene	1640	ug/kg	8.2	25.9	1	M8270D	4/11/2011	4/12/2011	MDK	1
Benzo(k)fluoranthene	1040	ug/kg	16.1	51.4	1	M8270D	4/11/2011	4/12/2011	MDK	1
Chrysene	2660	ug/kg	9.2	29.3	1	M8270D	4/11/2011	4/12/2011	MDK	1
Dibenzo(a,h)anthracene	420	ug/kg	10.5	33.5	1	M8270D	4/11/2011	4/12/2011	MDK	1
Fluoranthene	6200	ug/kg	9.8	31.3	1	M8270D	4/11/2011	4/12/2011	MDK	1
Fluorene	590	ug/kg	10.7	33.9	1	M8270D	4/11/2011	4/12/2011	MDK	1
Indeno(1,2,3-cd)pyrene	1390	ug/kg	9.5	30.2	1	M8270D	4/11/2011	4/12/2011	MDK	1
1-Methyl naphthalene	140	ug/kg	17.9	56.9	1	M8270D	4/11/2011	4/12/2011	MDK	1
2-Methyl naphthalene	226	ug/kg	9.6	30.4	1	M8270D	4/11/2011	4/12/2011	MDK	1
Naphthalene	410	ug/kg	10.8	34.5	1	M8270D	4/11/2011	4/12/2011	MDK	1
Phenanthrene	4700	ug/kg	9.8	31.1	1	M8270D	4/11/2011	4/12/2011	MDK	1
Pyrene	5200	ug/kg	9.5	30.3	1	M8270D	4/11/2011	4/12/2011	MDK	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057B
Sample ID GP-2 1-3
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	81.1	%			1	5021		4/12/2011	MDK	1
Organic										
PAH SIM										
Acenaphthene	186	ug/kg	9.7	30.8	1	M8270D	4/11/2011	4/12/2011	MDK	1
Acenaphthylene	112	ug/kg	8.4	26.8	1	M8270D	4/11/2011	4/12/2011	MDK	1
Anthracene	1020	ug/kg	10.2	32.4	1	M8270D	4/11/2011	4/12/2011	MDK	1
Benzo(a)anthracene	3200	ug/kg	14.6	46.6	1	M8270D	4/11/2011	4/12/2011	MDK	1
Benzo(a)pyrene	2820	ug/kg	16.6	52.8	1	M8270D	4/11/2011	4/12/2011	MDK	1
Benzo(b)fluoranthene	3900	ug/kg	16.7	53.2	1	M8270D	4/11/2011	4/12/2011	MDK	1
Benzo(g,h,i)perylene	1680	ug/kg	8.2	25.9	1	M8270D	4/11/2011	4/12/2011	MDK	1
Benzo(k)fluoranthene	1020	ug/kg	16.1	51.4	1	M8270D	4/11/2011	4/12/2011	MDK	1
Chrysene	2490	ug/kg	9.2	29.3	1	M8270D	4/11/2011	4/12/2011	MDK	1
Dibenzo(a,h)anthracene	460	ug/kg	10.5	33.5	1	M8270D	4/11/2011	4/12/2011	MDK	1
Fluoranthene	5500	ug/kg	9.8	31.3	1	M8270D	4/11/2011	4/12/2011	MDK	1
Fluorene	204	ug/kg	10.7	33.9	1	M8270D	4/11/2011	4/12/2011	MDK	1
Indeno(1,2,3-cd)pyrene	1600	ug/kg	9.5	30.2	1	M8270D	4/11/2011	4/12/2011	MDK	1
1-Methyl naphthalene	51 "J"	ug/kg	17.9	56.9	1	M8270D	4/11/2011	4/12/2011	MDK	1
2-Methyl naphthalene	70	ug/kg	9.6	30.4	1	M8270D	4/11/2011	4/12/2011	MDK	1
Naphthalene	68	ug/kg	10.8	34.5	1	M8270D	4/11/2011	4/12/2011	MDK	1
Phenanthrene	2260	ug/kg	9.8	31.1	1	M8270D	4/11/2011	4/12/2011	MDK	1
Pyrene	4800	ug/kg	9.5	30.3	1	M8270D	4/11/2011	4/12/2011	MDK	1

Lab Code 5022057C
Sample ID GP-3 1-3
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	88.0	%			1	5021		4/14/2011	MDK	1
Organic										
PAH SIM										
Acenaphthene	25.7 "J"	ug/kg	9.7	30.8	1	M8270D	4/14/2011	4/14/2011	MDK	1
Acenaphthylene	18.1 "J"	ug/kg	8.4	26.8	1	M8270D	4/14/2011	4/14/2011	MDK	1
Anthracene	129	ug/kg	10.2	32.4	1	M8270D	4/14/2011	4/14/2011	MDK	1
Benzo(a)anthracene	440	ug/kg	14.6	46.6	1	M8270D	4/14/2011	4/14/2011	MDK	1
Benzo(a)pyrene	390	ug/kg	16.6	52.8	1	M8270D	4/14/2011	4/14/2011	MDK	1
Benzo(b)fluoranthene	560	ug/kg	16.7	53.2	1	M8270D	4/14/2011	4/14/2011	MDK	1
Benzo(g,h,i)perylene	270	ug/kg	8.2	25.9	1	M8270D	4/14/2011	4/14/2011	MDK	1
Benzo(k)fluoranthene	187	ug/kg	16.1	51.4	1	M8270D	4/14/2011	4/14/2011	MDK	1
Chrysene	390	ug/kg	9.2	29.3	1	M8270D	4/14/2011	4/14/2011	MDK	1
Dibenzo(a,h)anthracene	53	ug/kg	10.5	33.5	1	M8270D	4/14/2011	4/14/2011	MDK	1
Fluoranthene	890	ug/kg	9.8	31.3	1	M8270D	4/14/2011	4/14/2011	MDK	1
Fluorene	21.3 "J"	ug/kg	10.7	33.9	1	M8270D	4/14/2011	4/14/2011	MDK	1
Indeno(1,2,3-cd)pyrene	234	ug/kg	9.5	30.2	1	M8270D	4/14/2011	4/14/2011	MDK	1
1-Methyl naphthalene	< 17.9	ug/kg	17.9	56.9	1	M8270D	4/14/2011	4/14/2011	MDK	1
2-Methyl naphthalene	< 9.6	ug/kg	9.6	30.4	1	M8270D	4/14/2011	4/14/2011	MDK	1
Naphthalene	< 10.8	ug/kg	10.8	34.5	1	M8270D	4/14/2011	4/14/2011	MDK	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057C
Sample ID GP-3 1-3
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Phenanthrene	313	ug/kg	9.8	31.1	1	M8270D	4/14/2011	4/14/2011	MDK	1
Pyrene	740	ug/kg	9.5	30.3	1	M8270D	4/14/2011	4/14/2011	MDK	1

Lab Code 5022057D
Sample ID GP-4 4-6
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.0	%			1	5021		4/8/2011	MDK	1
Organic										
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		4/13/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/13/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/13/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/13/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/13/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		4/13/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/13/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/13/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/13/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/13/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/13/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/13/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/13/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/13/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/13/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		4/13/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/13/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/13/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
cis-1,2-Dichloroethene	25.9 "J"	ug/kg	14	44	1	8260B		4/13/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/13/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/13/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/13/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/13/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/13/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/13/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/13/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		4/13/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/13/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/13/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/13/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		4/13/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/13/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057D
Sample ID GP-4 4-6
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/13/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/13/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		4/13/2011	CJR	1
Toluene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/13/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/13/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/13/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/13/2011	CJR	1
Trichloroethene (TCE)	< 47	ug/kg	47	150	1	8260B		4/13/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		4/13/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/13/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/13/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		4/13/2011	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		4/13/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
SUR - 4-Bromofluorobenzene	106	Rec %			1	8260B		4/13/2011	CJR	1
SUR - Dibromofluoromethane	92	Rec %			1	8260B		4/13/2011	CJR	1
SUR - Toluene-d8	99	Rec %			1	8260B		4/13/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	99	Rec %			1	8260B		4/13/2011	CJR	1

Lab Code 5022057E
Sample ID GP-4 10-12
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.7	%			1	5021		4/8/2011	MDK	1
Organic										
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		4/13/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/13/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/13/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/13/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/13/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		4/13/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/13/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/13/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/13/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/13/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/13/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/13/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/13/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/13/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/13/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		4/13/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/13/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/13/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/13/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057E
Sample ID GP-4 10-12
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		4/13/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/13/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/13/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/13/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/13/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/13/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/13/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/13/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		4/13/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/13/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/13/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/13/2011	CJR	1
Naphthalene	164 "J"	ug/kg	107	340	1	8260B		4/13/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/13/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/13/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/13/2011	CJR	1
Tetrachloroethene	430	ug/kg	24	78	1	8260B		4/13/2011	CJR	1
Toluene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/13/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/13/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/13/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/13/2011	CJR	1
Trichloroethene (TCE)	74 "J"	ug/kg	47	150	1	8260B		4/13/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		4/13/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/13/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/13/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		4/13/2011	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		4/13/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
SUR - 4-Bromofluorobenzene	104	Rec %			1	8260B		4/13/2011	CJR	1
SUR - Dibromofluoromethane	89	Rec %			1	8260B		4/13/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	96	Rec %			1	8260B		4/13/2011	CJR	1
SUR - Toluene-d8	101	Rec %			1	8260B		4/13/2011	CJR	1

Lab Code 5022057F
Sample ID GP-4 14-16
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.6	%			1	5021		4/8/2011	MDK	1
Organic										
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		4/13/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/13/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/13/2011	CJR	1

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Project # 12422

Lab Code 5022057F
Sample ID GP-4 14-16
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/13/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/13/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		4/13/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/13/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/13/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/13/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/13/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/13/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/13/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/13/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/13/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/13/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		4/13/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/13/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/13/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		4/13/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/13/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/13/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/13/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/13/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/13/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/13/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/13/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		4/13/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/13/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/13/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/13/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		4/13/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/13/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/13/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/13/2011	CJR	1
Tetrachloroethene	61 "J"	ug/kg	24	78	1	8260B		4/13/2011	CJR	1
Toluene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/13/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/13/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/13/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/13/2011	CJR	1
Trichloroethene (TCE)	< 47	ug/kg	47	150	1	8260B		4/13/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		4/13/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/13/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/13/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		4/13/2011	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		4/13/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
SUR - Toluene-d8	100	Rec %			1	8260B		4/13/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	99	Rec %			1	8260B		4/13/2011	CJR	1
SUR - 4-Bromofluorobenzene	100	Rec %			1	8260B		4/13/2011	CJR	1

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Project # 12422

Lab Code 5022057F
Sample ID GP-4 14-16
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - Dibromofluoromethane	94	Rec %			1	8260B		4/13/2011	CJR	1

Lab Code 5022057G
Sample ID GP-5 6-8
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.7	%			1	5021		4/8/2011	MDK	1
Organic										
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		4/11/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/11/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/11/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/11/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/11/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/11/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		4/11/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/11/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/11/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/11/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/11/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/11/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/11/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/11/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/11/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/11/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		4/11/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/11/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/11/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/11/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/11/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/11/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/11/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		4/11/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/11/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/11/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/11/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/11/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/11/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/11/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/11/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/11/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		4/11/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/11/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/11/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/11/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		4/11/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/11/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/11/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057G
Sample ID GP-5 6-8
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/11/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		4/11/2011	CJR	1
Toluene	< 50	ug/kg	50	159	1	8260B		4/11/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/11/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/11/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/11/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/11/2011	CJR	1
Trichloroethene (TCE)	< 17	ug/kg	17	53	1	8260B		4/11/2011	CJR	5
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		4/11/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/11/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/11/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		4/11/2011	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		4/11/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		4/11/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	94	Rec %			1	8260B		4/11/2011	CJR	1
SUR - 4-Bromofluorobenzene	96	Rec %			1	8260B		4/11/2011	CJR	1
SUR - Dibromofluoromethane	96	Rec %			1	8260B		4/11/2011	CJR	1
SUR - Toluene-d8	98	Rec %			1	8260B		4/11/2011	CJR	1

Lab Code 5022057H
Sample ID GP-5 10-12
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	89.0	%			1	5021		4/8/2011	MDK	1
Organic										
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		4/11/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/11/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/11/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/11/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/11/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/11/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		4/11/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/11/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/11/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/11/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/11/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/11/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/11/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/11/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/11/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/11/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		4/11/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/11/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/11/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/11/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/11/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/11/2011	CJR	1

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Project # 12422

Lab Code 5022057H
Sample ID GP-5 10-12
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/11/2011	CJR	1
cis-1,2-Dichloroethene	18.9 "J"	ug/kg	14	44	1	8260B		4/11/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/11/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/11/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/11/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/11/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/11/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/11/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/11/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/11/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		4/11/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/11/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/11/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/11/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		4/11/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/11/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/11/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/11/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		4/11/2011	CJR	1
Toluene	< 50	ug/kg	50	159	1	8260B		4/11/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/11/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/11/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/11/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/11/2011	CJR	1
Trichloroethene (TCE)	< 17	ug/kg	17	53	1	8260B		4/11/2011	CJR	5
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		4/11/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/11/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/11/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		4/11/2011	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		4/11/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		4/11/2011	CJR	1
SUR - Toluene-d8	97	Rec %			1	8260B		4/11/2011	CJR	1
SUR - Dibromofluoromethane	94	Rec %			1	8260B		4/11/2011	CJR	1
SUR - 4-Bromofluorobenzene	97	Rec %			1	8260B		4/11/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	101	Rec %			1	8260B		4/11/2011	CJR	1

Lab Code 5022057I
Sample ID GP-5 14-16
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	88.8	%			1	5021		4/8/2011	MDK	1
Organic										
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		4/11/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/11/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/11/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/11/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/11/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057I
Sample ID GP-5 14-16
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/11/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		4/11/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/11/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/11/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/11/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/11/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/11/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/11/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/11/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/11/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/11/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		4/11/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/11/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/11/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/11/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/11/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/11/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/11/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		4/11/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/11/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/11/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/11/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/11/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/11/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/11/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/11/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/11/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		4/11/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/11/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/11/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/11/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		4/11/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/11/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/11/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/11/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		4/11/2011	CJR	1
Toluene	< 50	ug/kg	50	159	1	8260B		4/11/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/11/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/11/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/11/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/11/2011	CJR	1
Trichloroethene (TCE)	< 17	ug/kg	17	53	1	8260B		4/11/2011	CJR	5
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		4/11/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/11/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/11/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		4/11/2011	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		4/11/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		4/11/2011	CJR	1
SUR - Dibromofluoromethane	89	Rec %			1	8260B		4/11/2011	CJR	1
SUR - 4-Bromofluorobenzene	107	Rec %			1	8260B		4/11/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	94	Rec %			1	8260B		4/11/2011	CJR	1
SUR - Toluene-d8	105	Rec %			1	8260B		4/11/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057J
Sample ID GP-6 4-6
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.4	%			1	5021		4/8/2011	MDK	1
Organic										
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		4/11/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/11/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/11/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/11/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/11/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/11/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		4/11/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/11/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/11/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/11/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/11/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/11/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/11/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/11/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/11/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/11/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		4/11/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/11/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/11/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/11/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/11/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/11/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/11/2011	CJR	1
cis-1,2-Dichloroethene	18.8 "J"	ug/kg	14	44	1	8260B		4/11/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/11/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/11/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/11/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/11/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/11/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/11/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/11/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/11/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		4/11/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/11/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/11/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/11/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		4/11/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/11/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/11/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/11/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		4/11/2011	CJR	1
Toluene	< 50	ug/kg	50	159	1	8260B		4/11/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/11/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/11/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/11/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/11/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057J
Sample ID GP-6 4-6
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Trichloroethene (TCE)	< 17	ug/kg	17	53	1	8260B		4/11/2011	CJR	5
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		4/11/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/11/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/11/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		4/11/2011	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		4/11/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		4/11/2011	CJR	1
SUR - Toluene-d8	101	Rec %			1	8260B		4/11/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	100	Rec %			1	8260B		4/11/2011	CJR	1
SUR - 4-Bromofluorobenzene	100	Rec %			1	8260B		4/11/2011	CJR	1
SUR - Dibromofluoromethane	95	Rec %			1	8260B		4/11/2011	CJR	1

Lab Code 5022057K
Sample ID GP-6 8-10
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	82.7	%			1	5021		4/8/2011	MDK	1
Organic										
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		4/13/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/13/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/13/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/13/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/13/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		4/13/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/13/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/13/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/13/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/13/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/13/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/13/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/13/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/13/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/13/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		4/13/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/13/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/13/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
cis-1,2-Dichloroethene	142	ug/kg	14	44	1	8260B		4/13/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/13/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/13/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/13/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/13/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057K
Sample ID GP-6 8-10
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/13/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/13/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/13/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		4/13/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/13/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/13/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/13/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		4/13/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/13/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/13/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/13/2011	CJR	1
Tetrachloroethene	1970	ug/kg	24	78	1	8260B		4/13/2011	CJR	1
Toluene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/13/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/13/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/13/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/13/2011	CJR	1
Trichloroethene (TCE)	132 "J"	ug/kg	47	150	1	8260B		4/13/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		4/13/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/13/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/13/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		4/13/2011	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		4/13/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	90	Rec %			1	8260B		4/13/2011	CJR	1
SUR - 4-Bromofluorobenzene	107	Rec %			1	8260B		4/13/2011	CJR	1
SUR - Dibromofluoromethane	87	Rec %			1	8260B		4/13/2011	CJR	1
SUR - Toluene-d8	102	Rec %			1	8260B		4/13/2011	CJR	1

Lab Code 5022057L
Sample ID GP-6 18-20
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.5	%			1	5021		4/8/2011	MDK	1
Organic										
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		4/12/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/12/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/12/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/12/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/12/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/12/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		4/12/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/12/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/12/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/12/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/12/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/12/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057L
Sample ID GP-6 18-20
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/12/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/12/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/12/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/12/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		4/12/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/12/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/12/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/12/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/12/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/12/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/12/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		4/12/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/12/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/12/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/12/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/12/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/12/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/12/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/12/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/12/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		4/12/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/12/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/12/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/12/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		4/12/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/12/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/12/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/12/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		4/12/2011	CJR	1
Toluene	< 50	ug/kg	50	159	1	8260B		4/12/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/12/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/12/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/12/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/12/2011	CJR	1
Trichloroethene (TCE)	< 17	ug/kg	17	53	1	8260B		4/12/2011	CJR	5
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		4/12/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/12/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/12/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		4/12/2011	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		4/12/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		4/12/2011	CJR	1
SUR - Toluene-d8	100	Rec %			1	8260B		4/12/2011	CJR	1
SUR - Dibromofluoromethane	97	Rec %			1	8260B		4/12/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	107	Rec %			1	8260B		4/12/2011	CJR	1
SUR - 4-Bromofluorobenzene	98	Rec %			1	8260B		4/12/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057M
Sample ID GP-7 4-6
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.2	%			1	5021		4/8/2011	MDK	1
Organic										
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		4/12/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/12/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/12/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/12/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/12/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/12/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		4/12/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/12/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/12/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/12/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/12/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/12/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/12/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/12/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/12/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/12/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		4/12/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/12/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/12/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/12/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/12/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/12/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/12/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		4/12/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/12/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/12/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/12/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/12/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/12/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/12/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/12/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/12/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		4/12/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/12/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/12/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/12/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		4/12/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/12/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/12/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/12/2011	CJR	1
Tetrachloroethene	40 "J"	ug/kg	24	78	1	8260B		4/12/2011	CJR	1
Toluene	< 50	ug/kg	50	159	1	8260B		4/12/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/12/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/12/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/12/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/12/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057M
Sample ID GP-7 4-6
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Trichloroethene (TCE)	< 17	ug/kg	17	53	1	8260B		4/12/2011	CJR	5
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		4/12/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/12/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/12/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		4/12/2011	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		4/12/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		4/12/2011	CJR	1
SUR - 4-Bromofluorobenzene	99	Rec %			1	8260B		4/12/2011	CJR	1
SUR - Dibromofluoromethane	94	Rec %			1	8260B		4/12/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	98	Rec %			1	8260B		4/12/2011	CJR	1
SUR - Toluene-d8	100	Rec %			1	8260B		4/12/2011	CJR	1

Lab Code 5022057N
Sample ID GP-7 10-12
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	82.0	%			1	5021		4/8/2011	MDK	1
Organic										
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		4/13/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/13/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/13/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/13/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/13/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		4/13/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/13/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/13/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/13/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/13/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/13/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/13/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/13/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/13/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/13/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		4/13/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/13/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/13/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
cis-1,2-Dichloroethene	285	ug/kg	14	44	1	8260B		4/13/2011	CJR	1
trans-1,2-Dichloroethene	34 "J"	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/13/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/13/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/13/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/13/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057N
Sample ID GP-7 10-12
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/13/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/13/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/13/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		4/13/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/13/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/13/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/13/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		4/13/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/13/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/13/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/13/2011	CJR	1
Tetrachloroethene	380	ug/kg	24	78	1	8260B		4/13/2011	CJR	1
Toluene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/13/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/13/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/13/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/13/2011	CJR	1
Trichloroethene (TCE)	180	ug/kg	47	150	1	8260B		4/13/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		4/13/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/13/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/13/2011	CJR	1
Vinyl Chloride	23.8 "J"	ug/kg	16	49	1	8260B		4/13/2011	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		4/13/2011	CJR	1
o-Xylene	59 "J"	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	98	Rec %			1	8260B		4/13/2011	CJR	1
SUR - 4-Bromofluorobenzene	96	Rec %			1	8260B		4/13/2011	CJR	1
SUR - Dibromofluoromethane	88	Rec %			1	8260B		4/13/2011	CJR	1
SUR - Toluene-d8	100	Rec %			1	8260B		4/13/2011	CJR	1

Lab Code 5022057O
Sample ID GP-7 14-16
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.6	%			1	5021		4/8/2011	MDK	1
Organic										
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		4/12/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/12/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/12/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/12/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/12/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/12/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		4/12/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/12/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/12/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/12/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/12/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/12/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057O
Sample ID GP-7 14-16
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/12/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/12/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/12/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/12/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		4/12/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/12/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/12/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/12/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/12/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/12/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/12/2011	CJR	1
cis-1,2-Dichloroethene	59	ug/kg	14	44	1	8260B		4/12/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/12/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/12/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/12/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/12/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/12/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/12/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/12/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/12/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		4/12/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/12/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/12/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/12/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		4/12/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/12/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/12/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/12/2011	CJR	1
Tetrachloroethene	38 "J"	ug/kg	24	78	1	8260B		4/12/2011	CJR	1
Toluene	< 50	ug/kg	50	159	1	8260B		4/12/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/12/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/12/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/12/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/12/2011	CJR	1
Trichloroethene (TCE)	< 17	ug/kg	17	53	1	8260B		4/12/2011	CJR	5
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		4/12/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/12/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/12/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		4/12/2011	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		4/12/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		4/12/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	106	Rec %			1	8260B		4/12/2011	CJR	1
SUR - 4-Bromofluorobenzene	104	Rec %			1	8260B		4/12/2011	CJR	1
SUR - Dibromofluoromethane	90	Rec %			1	8260B		4/12/2011	CJR	1
SUR - Toluene-d8	100	Rec %			1	8260B		4/12/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057P
Sample ID GP-8 2-4
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.2	%			1	5021		4/8/2011	MDK	1
Organic										
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		4/13/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/13/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/13/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/13/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/13/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		4/13/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/13/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/13/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/13/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/13/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/13/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/13/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/13/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/13/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/13/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		4/13/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/13/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/13/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		4/13/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/13/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/13/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/13/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/13/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/13/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/13/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/13/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		4/13/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/13/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/13/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/13/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		4/13/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/13/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/13/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/13/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		4/13/2011	CJR	1
Toluene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/13/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/13/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/13/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/13/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057P
Sample ID GP-8 2-4
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Trichloroethene (TCE)	< 47	ug/kg	47	150	1	8260B		4/13/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		4/13/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/13/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/13/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		4/13/2011	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		4/13/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
SUR - Toluene-d8	103	Rec %			1	8260B		4/13/2011	CJR	1
SUR - Dibromofluoromethane	94	Rec %			1	8260B		4/13/2011	CJR	1
SUR - 4-Bromofluorobenzene	97	Rec %			1	8260B		4/13/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	99	Rec %			1	8260B		4/13/2011	CJR	1

Lab Code 5022057Q
Sample ID GP-8 6-8
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.3	%			1	5021		4/8/2011	MDK	1
Organic										
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		4/13/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/13/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/13/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/13/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/13/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		4/13/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/13/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/13/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/13/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/13/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/13/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/13/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/13/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/13/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/13/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		4/13/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/13/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/13/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		4/13/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/13/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/13/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/13/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/13/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057Q
Sample ID GP-8 6-8
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/13/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/13/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/13/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		4/13/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/13/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/13/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/13/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		4/13/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/13/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/13/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/13/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		4/13/2011	CJR	1
Toluene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/13/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/13/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/13/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/13/2011	CJR	1
Trichloroethene (TCE)	< 47	ug/kg	47	150	1	8260B		4/13/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		4/13/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/13/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/13/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		4/13/2011	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		4/13/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
SUR - Toluene-d8	102	Rec %			1	8260B		4/13/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	101	Rec %			1	8260B		4/13/2011	CJR	1
SUR - 4-Bromofluorobenzene	101	Rec %			1	8260B		4/13/2011	CJR	1
SUR - Dibromofluoromethane	91	Rec %			1	8260B		4/13/2011	CJR	1

Lab Code 5022057R
Sample ID GP-8 18-20
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.2	%			1	5021		4/8/2011	MDK	1
Organic										
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		4/13/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/13/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/13/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/13/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/13/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		4/13/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/13/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/13/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/13/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/13/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/13/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057R
Sample ID GP-8 18-20
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/13/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/13/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/13/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/13/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		4/13/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/13/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/13/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		4/13/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/13/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/13/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/13/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/13/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/13/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/13/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/13/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		4/13/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/13/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/13/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/13/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		4/13/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/13/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/13/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/13/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		4/13/2011	CJR	1
Toluene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/13/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/13/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/13/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/13/2011	CJR	1
Trichloroethene (TCE)	< 47	ug/kg	47	150	1	8260B		4/13/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		4/13/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/13/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/13/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		4/13/2011	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		4/13/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	108	Rec %			1	8260B		4/13/2011	CJR	1
SUR - 4-Bromofluorobenzene	99	Rec %			1	8260B		4/13/2011	CJR	1
SUR - Dibromofluoromethane	94	Rec %			1	8260B		4/13/2011	CJR	1
SUR - Toluene-d8	101	Rec %			1	8260B		4/13/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057S
Sample ID GP-9 2-4
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	88.4	%			1	5021		4/8/2011	MDK	1
Organic										
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		4/13/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/13/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/13/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/13/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/13/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		4/13/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/13/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/13/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/13/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/13/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/13/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/13/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/13/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/13/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/13/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		4/13/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/13/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/13/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
cis-1,2-Dichloroethene	35 "J"	ug/kg	14	44	1	8260B		4/13/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/13/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/13/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/13/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/13/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/13/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/13/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/13/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		4/13/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/13/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/13/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/13/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		4/13/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/13/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/13/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/13/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		4/13/2011	CJR	1
Toluene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/13/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/13/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/13/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/13/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057S
Sample ID GP-9 2-4
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Trichloroethene (TCE)	< 47	ug/kg	47	150	1	8260B		4/13/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		4/13/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/13/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/13/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		4/13/2011	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		4/13/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	92	Rec %			1	8260B		4/13/2011	CJR	1
SUR - 4-Bromofluorobenzene	107	Rec %			1	8260B		4/13/2011	CJR	1
SUR - Dibromofluoromethane	90	Rec %			1	8260B		4/13/2011	CJR	1
SUR - Toluene-d8	105	Rec %			1	8260B		4/13/2011	CJR	1

Lab Code 5022057T
Sample ID GP-9 6-8
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.6	%			1	5021		4/8/2011	MDK	1
Organic										
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		4/13/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/13/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/13/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/13/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/13/2011	CJR	1
n-Butylbenzene	48 "J"	ug/kg	48	152	1	8260B		4/13/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/13/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/13/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/13/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/13/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/13/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/13/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/13/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/13/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/13/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		4/13/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/13/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/13/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
cis-1,2-Dichloroethene	28 "J"	ug/kg	14	44	1	8260B		4/13/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/13/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/13/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/13/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/13/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057T
Sample ID GP-9 6-8
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/13/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/13/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/13/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		4/13/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/13/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/13/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/13/2011	CJR	1
Naphthalene	202 "J"	ug/kg	107	340	1	8260B		4/13/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/13/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/13/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/13/2011	CJR	1
Tetrachloroethene	142	ug/kg	24	78	1	8260B		4/13/2011	CJR	1
Toluene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/13/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/13/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/13/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/13/2011	CJR	1
Trichloroethene (TCE)	< 47	ug/kg	47	150	1	8260B		4/13/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		4/13/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/13/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/13/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		4/13/2011	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		4/13/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
SUR - Toluene-d8	101	Rec %			1	8260B		4/13/2011	CJR	1
SUR - Dibromofluoromethane	99	Rec %			1	8260B		4/13/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	99	Rec %			1	8260B		4/13/2011	CJR	1
SUR - 4-Bromofluorobenzene	101	Rec %			1	8260B		4/13/2011	CJR	1

Lab Code 5022057U
Sample ID GP-9 10-12
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	61.4	%			1	5021		4/8/2011	MDK	1
Organic										
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		4/14/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/14/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/14/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/14/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/14/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/14/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		4/14/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/14/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/14/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/14/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/14/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/14/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057U
Sample ID GP-9 10-12
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/14/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/14/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/14/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/14/2011	CJR	1
1,4-Dichlorobenzene	262	ug/kg	52	167	1	8260B		4/14/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/14/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/14/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/14/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/14/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/14/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/14/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		4/14/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/14/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/14/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/14/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/14/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/14/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/14/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/14/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/14/2011	CJR	1
Isopropylbenzene	55 "J"	ug/kg	53	168	1	8260B		4/14/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/14/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/14/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/14/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		4/14/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/14/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/14/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/14/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		4/14/2011	CJR	8
Toluene	< 50	ug/kg	50	159	1	8260B		4/14/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/14/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/14/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/14/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/14/2011	CJR	1
Trichloroethene (TCE)	< 47	ug/kg	47	150	1	8260B		4/14/2011	CJR	1
Trichlorofluoromethane	278	ug/kg	43	137	1	8260B		4/14/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/14/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/14/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		4/14/2011	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		4/14/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		4/14/2011	CJR	1
SUR - 4-Bromofluorobenzene	104	Rec %			1	8260B		4/14/2011	CJR	1
SUR - Dibromofluoromethane	95	Rec %			1	8260B		4/14/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	100	Rec %			1	8260B		4/14/2011	CJR	1
SUR - Toluene-d8	99	Rec %			1	8260B		4/14/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057V
Sample ID GP-10 4-6
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	82.7	%			1	5021		4/8/2011	MDK	1
Organic										
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		4/14/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/14/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/14/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/14/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/14/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/14/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		4/14/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/14/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/14/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/14/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/14/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/14/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/14/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/14/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/14/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/14/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		4/14/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/14/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/14/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/14/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/14/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/14/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/14/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		4/14/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/14/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/14/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/14/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/14/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/14/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/14/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/14/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/14/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		4/14/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/14/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/14/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/14/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		4/14/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/14/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/14/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/14/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		4/14/2011	CJR	8
Toluene	< 50	ug/kg	50	159	1	8260B		4/14/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/14/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/14/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/14/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/14/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057V
Sample ID GP-10 4-6
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Trichloroethene (TCE)	< 47	ug/kg	47	150	1	8260B		4/14/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		4/14/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/14/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/14/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		4/14/2011	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		4/14/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		4/14/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	99	Rec %			1	8260B		4/14/2011	CJR	1
SUR - 4-Bromofluorobenzene	100	Rec %			1	8260B		4/14/2011	CJR	1
SUR - Dibromofluoromethane	90	Rec %			1	8260B		4/14/2011	CJR	1
SUR - Toluene-d8	101	Rec %			1	8260B		4/14/2011	CJR	1

Lab Code 5022057W
Sample ID GP-10 10-12
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.3	%			1	5021		4/8/2011	MDK	1
Organic										
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		4/13/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/13/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/13/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/13/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/13/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		4/13/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/13/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/13/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/13/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/13/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/13/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/13/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/13/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/13/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/13/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		4/13/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/13/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/13/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		4/13/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/13/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/13/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/13/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/13/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057W
Sample ID GP-10 10-12
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/13/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/13/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/13/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		4/13/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/13/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/13/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/13/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		4/13/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/13/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/13/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/13/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		4/13/2011	CJR	1
Toluene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/13/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/13/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/13/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/13/2011	CJR	1
Trichloroethene (TCE)	< 47	ug/kg	47	150	1	8260B		4/13/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		4/13/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/13/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/13/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		4/13/2011	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		4/13/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	97	Rec %			1	8260B		4/13/2011	CJR	1
SUR - 4-Bromofluorobenzene	104	Rec %			1	8260B		4/13/2011	CJR	1
SUR - Dibromofluoromethane	88	Rec %			1	8260B		4/13/2011	CJR	1
SUR - Toluene-d8	105	Rec %			1	8260B		4/13/2011	CJR	1

Lab Code 5022057X
Sample ID GP-10 14-16
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	79.4	%			1	5021		4/8/2011	MDK	1
Organic										
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		4/13/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/13/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/13/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/13/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/13/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		4/13/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/13/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/13/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/13/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/13/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/13/2011	CJR	1

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Project # 12422

Lab Code 5022057X
Sample ID GP-10 14-16
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/13/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/13/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/13/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/13/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		4/13/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/13/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/13/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		4/13/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/13/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/13/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/13/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/13/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/13/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/13/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/13/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		4/13/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/13/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/13/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/13/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		4/13/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/13/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/13/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/13/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		4/13/2011	CJR	1
Toluene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/13/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/13/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/13/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/13/2011	CJR	1
Trichloroethene (TCE)	< 47	ug/kg	47	150	1	8260B		4/13/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		4/13/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/13/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/13/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		4/13/2011	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		4/13/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
SUR - Toluene-d8	100	Rec %			1	8260B		4/13/2011	CJR	1
SUR - Dibromofluoromethane	93	Rec %			1	8260B		4/13/2011	CJR	1
SUR - 4-Bromofluorobenzene	102	Rec %			1	8260B		4/13/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	100	Rec %			1	8260B		4/13/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057Y
Sample ID GP-11 2-4
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	80.6	%			1	5021		4/8/2011	MDK	1
Organic										
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		4/13/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/13/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/13/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/13/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/13/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		4/13/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/13/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/13/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/13/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/13/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/13/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/13/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/13/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/13/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/13/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		4/13/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/13/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/13/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		4/13/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/13/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/13/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/13/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/13/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/13/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/13/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/13/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		4/13/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/13/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/13/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/13/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		4/13/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/13/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/13/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/13/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		4/13/2011	CJR	1
Toluene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/13/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/13/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/13/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/13/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057Y
Sample ID GP-11 2-4
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Trichloroethene (TCE)	< 47	ug/kg	47	150	1	8260B		4/13/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		4/13/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/13/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/13/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		4/13/2011	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		4/13/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
SUR - 4-Bromofluorobenzene	103	Rec %			1	8260B		4/13/2011	CJR	1
SUR - Dibromofluoromethane	96	Rec %			1	8260B		4/13/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	101	Rec %			1	8260B		4/13/2011	CJR	1
SUR - Toluene-d8	102	Rec %			1	8260B		4/13/2011	CJR	1

Lab Code 5022057Z
Sample ID GP-11 10-12
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.6	%			1	5021		4/8/2011	MDK	1
Organic										
VOC's										
Benzene	25.2 "J"	ug/kg	8.9	28	1	8260B		4/13/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/13/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/13/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/13/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/13/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		4/13/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/13/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/13/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/13/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/13/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/13/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/13/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/13/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/13/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/13/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		4/13/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/13/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/13/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		4/13/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/13/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/13/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/13/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/13/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 5022057Z
Sample ID GP-11 10-12
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/13/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/13/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/13/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		4/13/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/13/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/13/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/13/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		4/13/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/13/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/13/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/13/2011	CJR	1
Tetrachloroethene	94	ug/kg	24	78	1	8260B		4/13/2011	CJR	1
Toluene	115 "J"	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/13/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/13/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/13/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/13/2011	CJR	1
Trichloroethene (TCE)	122 "J"	ug/kg	47	150	1	8260B		4/13/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		4/13/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/13/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/13/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		4/13/2011	CJR	1
m&p-Xylene	109 "J"	ug/kg	86	274	1	8260B		4/13/2011	CJR	1
o-Xylene	70 "J"	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	99	Rec %			1	8260B		4/13/2011	CJR	1
SUR - 4-Bromofluorobenzene	105	Rec %			1	8260B		4/13/2011	CJR	1
SUR - Dibromofluoromethane	91	Rec %			1	8260B		4/13/2011	CJR	1
SUR - Toluene-d8	100	Rec %			1	8260B		4/13/2011	CJR	1

Lab Code 522057AA
Sample ID GP-11 14-16
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.5	%			1	5021		4/8/2011	MDK	1
Organic										
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		4/13/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/13/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/13/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/13/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/13/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		4/13/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/13/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/13/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/13/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/13/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/13/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 522057AA
Sample ID GP-11 14-16
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/13/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/13/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/13/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/13/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		4/13/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/13/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/13/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		4/13/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/13/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/13/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/13/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/13/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/13/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/13/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/13/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		4/13/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/13/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/13/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/13/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		4/13/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/13/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/13/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/13/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		4/13/2011	CJR	1
Toluene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/13/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/13/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/13/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/13/2011	CJR	1
Trichloroethene (TCE)	< 47	ug/kg	47	150	1	8260B		4/13/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		4/13/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/13/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/13/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		4/13/2011	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		4/13/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	105	Rec %			1	8260B		4/13/2011	CJR	1
SUR - 4-Bromofluorobenzene	100	Rec %			1	8260B		4/13/2011	CJR	1
SUR - Dibromofluoromethane	96	Rec %			1	8260B		4/13/2011	CJR	1
SUR - Toluene-d8	99	Rec %			1	8260B		4/13/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 522057BB
Sample ID TRIP
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		4/13/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/13/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/13/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/13/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/13/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		4/13/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/13/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/13/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/13/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/13/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/13/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/13/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/13/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/13/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/13/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		4/13/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/13/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/13/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/13/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/13/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		4/13/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/13/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/13/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/13/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/13/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/13/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/13/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/13/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/13/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		4/13/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/13/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/13/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/13/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		4/13/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/13/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/13/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/13/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		4/13/2011	CJR	1
Toluene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/13/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/13/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/13/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/13/2011	CJR	1
Trichloroethene (TCE)	< 47	ug/kg	47	150	1	8260B		4/13/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		4/13/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/13/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/13/2011	CJR	1

Project Name 401 W. WISCONSIN **Invoice #** E22057
Project # 12422

Lab Code 522057BB
Sample ID TRIP
Sample Matrix soil
Sample Date 4/7/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		4/13/2011	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		4/13/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		4/13/2011	CJR	1
SUR - Toluene-d8	102	Rec %			1	8260B		4/13/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	89	Rec %			1	8260B		4/13/2011	CJR	1
SUR - 4-Bromofluorobenzene	100	Rec %			1	8260B		4/13/2011	CJR	1
SUR - Dibromofluoromethane	88	Rec %			1	8260B		4/13/2011	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.
5	The QC blank not within established limits.
8	Closing calibration standard not within established limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature Michael J. Ricker

CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, Inc.

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

Chain # № 281

Page 1 of 3

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

Lab I.D. #

Account No. :

Quote No.: CoM

Project #: 12422

Sampler: (signature)

Project (Name / Location): 401 W. Wisconsin St.

Reports To: Steve Near	Invoice To: Same
Company Sigma Env. Services	Company
Address 1300 W. Canal St.	Address
City State Zip Milw/WI 53233	City State Zip
Phone 414-643-4200	Phone
FAX 414-643-4210	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)	IRON	LEAD	NITRATE / NITRITE	PAH (EPA 8270)	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	VOC DW (EPA 524.2)	VOC (EPA 8260)	8-RCRA METALS	PID/ FID
5022057 A	GP1 1-3	4/7	9:05		X		1	S	—						X							1
B	GP-2 1-3		9:10				1	S	—						X							1
C	GP-3 1-3		9:15				1	S	—						X							1
D	GP-4 4-6		10:05				2	S	MeOH											X		2
E	GP-4 10-12		10:05				2	S												X		3
F	GP-4 14-16		10:10				2	S												X		2
G	GP-5 6-8		10:40				2	S												X		2
H	GP-5 10-12		10:45				2	S												X		2
I	GP-5 14-16		10:50				2	S												X		2
J	GP-6 4-6		11:20				2	S												X		~~3~~ 2

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

Sample Integrity - To be completed by receiving lab.
Method of Shipment: 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
	2:30	4/7			

Received in Laboratory By: Time: 8:15 Date: 4-8-11

CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, Inc.

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

Chain # № 1282

Page 2 of 3

Lab I.D. #	
Account No. :	Quote No.: C.QM.
Project #: 12422	
Sampler: (signature)	

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

Project (Name / Location): 401 W. Wisconsin	
Reports To: Steve Meer	Invoice To: Same
Company Sigma Env.	Company
Address 1300 W. Canal St.	Address
City State Zip Milw., WI, 53233	City State Zip
Phone 414-643-4200	Phone
FAX 414-643-4210	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)	IRON	LEAD	NITRATE / NITRITE	PAH (EPA 8270)	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	VOC DW (EPA 524.2)	VOC (EPA 8260)	8-RCRA METALS	PID/ FID
5022057-K	GP6 8-10	4/7	11:25		X		2	S	MeOH											X		3
L	GP-6 18-20		11:30																	X		35
M	GP-7 4-6		12:00																	X		44
N	GP-7 10-12		12:05																	X		63
O	GP-7 14-16		12:10																	X		10
P	GP-8 2-4		12:30																	X		5
Q	GP-8 6-8		12:35																	X		6
R	GP-8 18-20		12:40																	X		18
S	GP9 2-4		1:00																	X		4
T	GP9 6-8		1:05																	X		9

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

Sample Integrity - To be completed by receiving lab.
Method of Shipment : Delivery
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
	2:30	4/7			
Received in Laboratory By:			Time: 8:15	Date: 4-8-11	

CHAIN OF JSTODY RECORD

Synergy Environmental Lab, Inc.

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

Chain # No 283

Page 3 of 3

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

Lab I.D. #

Account No. :

Quote No.: C.O.M.

Project #: 12422

Sampler: (signature)

Project (Name / Location): 401 W. Wisconsin

Reports To: Steve Meer	Invoice To: Same
Company Sigma Env.	Company
Address 1300 W. Canal St.	Address
City State Zip Mil, WI 53233	City State Zip
Phone 414-643-4200	Phone
FAX 414-643-4210	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)	IRON	LEAD	NITRATE / NITRITE	PAH (EPA 8270)	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	VOC DW (EPA 524.2)	VOC (EPA 8260)	8-RCRA METALS	PID/ FID
522057 U	GP-9 10-12	4/7	1:10		X		2	S	Meoh											X		6
V	GP-10 4-6	4/7	1:30		↓		↓	↓	↓											X		14
W	GP-10 10-12	4/7	1:35																	X		16
X	GP-10 14-16	4/7	1:40																	X		5
Y	GP-11 2-4	4/7	2:00																	X		4
Z	GP-11 10-12	4/7	2:05																	X		4
522057 AA	GP-11 14-16	4/7	2:10				↓	↓												X		1
BB	Trip	4/7	2:15		↓		1	—	↓											X		—

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

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

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	2:30	4/7			

Received in Laboratory By: Time: 8:15 Date: 4.8.11

Synergy Environmental Lab, INC.

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

STEVE MEER
SIGMA ENVIRONMMENTAL
1300 W. CANAL STREET
MILWAUKEE, WI 53233

Report Date *28-Apr-11*

Project Name
Project # 12422

Invoice # E22110

Lab Code 5022110A
Sample ID MW-8 3.5-5
Sample Matrix soil
Sample Date 4/19/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.5	%			1	5021		4/20/2011	MDK	1
Organic										
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		4/27/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/27/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/27/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/27/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/27/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/27/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		4/27/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/27/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/27/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/27/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/27/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/27/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/27/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/27/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/27/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/27/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		4/27/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/27/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/27/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/27/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/27/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/27/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/27/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		4/27/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/27/2011	CJR	1

Project Name **Invoice #** E22110
Project # 12422

Lab Code 5022110A
Sample ID MW-8 3.5-5
Sample Matrix soil
Sample Date 4/19/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/27/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/27/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/27/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/27/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/27/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/27/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/27/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		4/27/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/27/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/27/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/27/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		4/27/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/27/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/27/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/27/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		4/27/2011	CJR	1
Toluene	< 50	ug/kg	50	159	1	8260B		4/27/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/27/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/27/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/27/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/27/2011	CJR	1
Trichloroethene (TCE)	< 17	ug/kg	17	53	1	8260B		4/27/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		4/27/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/27/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/27/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		4/27/2011	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		4/27/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		4/27/2011	CJR	1
SUR - Dibromofluoromethane	91	Rec %			1	8260B		4/27/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	90	Rec %			1	8260B		4/27/2011	CJR	1
SUR - 4-Bromofluorobenzene	104	Rec %			1	8260B		4/27/2011	CJR	1
SUR - Toluene-d8	99	Rec %			1	8260B		4/27/2011	CJR	1

Lab Code 5022110B
Sample ID MW-8 8.5-10
Sample Matrix soil
Sample Date 4/19/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.1	%			1	5021		4/20/2011	MDK	1
Organic										
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		4/27/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		4/27/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		4/27/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		4/27/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		4/27/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		4/27/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		4/27/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		4/27/2011	CJR	1

Project Name
Project # 12422

Invoice # E22110

Lab Code 5022110B
Sample ID MW-8 8.5-10
Sample Matrix soil
Sample Date 4/19/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		4/27/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		4/27/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		4/27/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		4/27/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		4/27/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		4/27/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		4/27/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		4/27/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		4/27/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		4/27/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		4/27/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		4/27/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		4/27/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		4/27/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/27/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		4/27/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		4/27/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		4/27/2011	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		4/27/2011	CJR	4 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		4/27/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		4/27/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		4/27/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		4/27/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		4/27/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		4/27/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		4/27/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		4/27/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		4/27/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		4/27/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		4/27/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		4/27/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		4/27/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		4/27/2011	CJR	1
Toluene	< 50	ug/kg	50	159	1	8260B		4/27/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		4/27/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		4/27/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		4/27/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		4/27/2011	CJR	1
Trichloroethene (TCE)	< 17	ug/kg	17	53	1	8260B		4/27/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		4/27/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		4/27/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		4/27/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		4/27/2011	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		4/27/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		4/27/2011	CJR	1
SUR - Toluene-d8	100	Rec %			1	8260B		4/27/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	99	Rec %			1	8260B		4/27/2011	CJR	1
SUR - 4-Bromofluorobenzene	102	Rec %			1	8260B		4/27/2011	CJR	1
SUR - Dibromofluoromethane	97	Rec %			1	8260B		4/27/2011	CJR	1

Project Name
Project # 12422

Invoice # E22110

"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.
8	Closing calibration standard not within established limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature Michael J. Ricker

CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, Inc.

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

Chain # № 740

Page 1 of 1

Lab I.D. #	
Account No. :	Quote No.:
Project #: 12422	
Sampler: (signature)	

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

Project (Name / Location):

Reports To: S. Meer	Invoice To: Same
Company Sigma	Company
Address 1300 W. Canal St.	Address
City State Zip Milw., WI.	City State Zip
Phone	Phone
FAX	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)	IRON	LEAD	NITRATE / NITRITE	PAH (EPA 8270)	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	VOC DW (EPA 524.2)	VOC (EPA 8260)	8-RCRA METALS										PID/ FID
502210A	MW-8 3.5-5	4/19			X	N	2	Soil	MeOH											X											0
B	MW-8 8.5-10	4/19			Y	N	2	Soil	MeOH											X											0

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

Sample Integrity - To be completed by receiving lab.
Method of Shipment: Dynamex
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
	1400	4-19-10			

Received in Laboratory By: [signature] Time: 8:00 Date: 4.20.11

APPENDIX F
Groundwater Laboratory Analytical Reports

Synergy Environmental Lab, INC.

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

STEVE MEER
SIGMA ENVIRONMMENTAL
1300 W. CANAL STREET
MILWAUKEE, WI 53233

Report Date *16-May-11*

Project Name COM 401 W. WISCONSIN AVE. **Invoice #** E22203
Project # 12422

Lab Code 5022203A
Sample ID MW-1
Sample Matrix Water
Sample Date 5/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Cadmium, Dissolved	< 0.5	ug/L	0.5	1.7	1	200.7		5/9/2011	CWT	1
Organic										
VOC's										
Benzene	< 0.5	ug/l	0.5	1.6	1	8260B		5/9/2011	CJR	1
Bromobenzene	< 0.74	ug/l	0.74	2.4	1	8260B		5/9/2011	CJR	1
Bromodichloromethane	< 0.68	ug/l	0.68	2.2	1	8260B		5/9/2011	CJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B		5/9/2011	CJR	1
tert-Butylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		5/9/2011	CJR	1
sec-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		5/9/2011	CJR	1
n-Butylbenzene	< 0.9	ug/l	0.9	2.9	1	8260B		5/9/2011	CJR	1
Carbon Tetrachloride	< 0.47	ug/l	0.47	1.5	1	8260B		5/9/2011	CJR	1
Chlorobenzene	< 0.51	ug/l	0.51	1.6	1	8260B		5/9/2011	CJR	1
Chloroethane	< 1.4	ug/l	1.4	4.5	1	8260B		5/9/2011	CJR	1
Chloroform	< 0.49	ug/l	0.49	1.5	1	8260B		5/9/2011	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6.1	1	8260B		5/9/2011	CJR	1
2-Chlorotoluene	< 0.7	ug/l	0.7	2.2	1	8260B		5/9/2011	CJR	1
4-Chlorotoluene	< 0.44	ug/l	0.44	1.4	1	8260B		5/9/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 2.8	ug/l	2.8	8.9	1	8260B		5/9/2011	CJR	1
Dibromochloromethane	< 0.55	ug/l	0.55	1.8	1	8260B		5/9/2011	CJR	1
1,4-Dichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		5/9/2011	CJR	1
1,3-Dichlorobenzene	< 0.87	ug/l	0.87	2.8	1	8260B		5/9/2011	CJR	1
1,2-Dichlorobenzene	< 0.76	ug/l	0.76	2.4	1	8260B		5/9/2011	CJR	1
Dichlorodifluoromethane	< 1.8	ug/l	1.8	5.9	1	8260B		5/9/2011	CJR	1
1,2-Dichloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		5/9/2011	CJR	1
1,1-Dichloroethane	< 0.98	ug/l	0.98	3.1	1	8260B		5/9/2011	CJR	1
1,1-Dichloroethene	< 0.6	ug/l	0.6	1.9	1	8260B		5/9/2011	CJR	1
cis-1,2-Dichloroethene	< 0.74	ug/l	0.74	2.4	1	8260B		5/9/2011	CJR	1
trans-1,2-Dichloroethene	< 0.79	ug/l	0.79	2.5	1	8260B		5/9/2011	CJR	1

Project Name COM 401 W. WISCONSIN AVE. **Invoice #** E22203
Project # 12422

Lab Code 5022203A
Sample ID MW-1
Sample Matrix Water
Sample Date 5/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B		5/9/2011	CJR	1
2,2-Dichloropropane	< 1.9	ug/l	1.9	5.9	1	8260B		5/9/2011	CJR	4 8
1,3-Dichloropropane	< 0.71	ug/l	0.71	2.3	1	8260B		5/9/2011	CJR	1
Di-isopropyl ether	< 0.69	ug/l	0.69	2.2	1	8260B		5/9/2011	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		5/9/2011	CJR	1
Ethylbenzene	< 0.78	ug/l	0.78	2.5	1	8260B		5/9/2011	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	6.8	1	8260B		5/9/2011	CJR	1
Isopropylbenzene	< 0.92	ug/l	0.92	2.9	1	8260B		5/9/2011	CJR	1
p-Isopropyltoluene	< 0.92	ug/l	0.92	2.9	1	8260B		5/9/2011	CJR	1
Methylene chloride	< 1.1	ug/l	1.1	3.4	1	8260B		5/9/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.8	ug/l	0.8	2.5	1	8260B		5/9/2011	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.8	1	8260B		5/9/2011	CJR	1
n-Propylbenzene	< 0.59	ug/l	0.59	1.9	1	8260B		5/9/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 0.53	ug/l	0.53	1.7	1	8260B		5/9/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 1	ug/l	1	3.2	1	8260B		5/9/2011	CJR	1
Tetrachloroethene	< 0.44	ug/l	0.44	1.4	1	8260B		5/9/2011	CJR	1
Toluene	< 0.53	ug/l	0.53	1.7	1	8260B		5/9/2011	CJR	1
1,2,4-Trichlorobenzene	< 1.5	ug/l	1.5	4.6	1	8260B		5/9/2011	CJR	1
1,2,3-Trichlorobenzene	< 1.3	ug/l	1.3	4.2	1	8260B		5/9/2011	CJR	1
1,1,1-Trichloroethane	< 0.85	ug/l	0.85	2.7	1	8260B		5/9/2011	CJR	1
1,1,2-Trichloroethane	< 0.47	ug/l	0.47	1.5	1	8260B		5/9/2011	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		5/9/2011	CJR	1
Trichlorofluoromethane	< 1.7	ug/l	1.7	5.3	1	8260B		5/9/2011	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.5	1	8260B		5/9/2011	CJR	1
1,3,5-Trimethylbenzene	< 0.74	ug/l	0.74	2.4	1	8260B		5/9/2011	CJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.56	1	8260B		5/9/2011	CJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B		5/9/2011	CJR	1
o-Xylene	< 0.8	ug/l	0.8	2.6	1	8260B		5/9/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	94	REC %			1	8260B		5/9/2011	CJR	1
SUR - Toluene-d8	94	REC %			1	8260B		5/9/2011	CJR	1
SUR - 4-Bromofluorobenzene	98	REC %			1	8260B		5/9/2011	CJR	1
SUR - Dibromofluoromethane	95	REC %			1	8260B		5/9/2011	CJR	1

Lab Code 5022203B
Sample ID MW-2
Sample Matrix Water
Sample Date 5/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Arsenic, Dissolved	8.0	ug/L	0.6	1.9	1	7060A		5/10/2011	CWT	1
Cadmium, Dissolved	< 0.5	ug/L	0.5	1.7	1	200.7		5/9/2011	CWT	1
Organic										
VOC's										
Benzene	0.67 "J"	ug/l	0.5	1.6	1	8260B		5/9/2011	CJR	1
Bromobenzene	< 0.74	ug/l	0.74	2.4	1	8260B		5/9/2011	CJR	1
Bromodichloromethane	< 0.68	ug/l	0.68	2.2	1	8260B		5/9/2011	CJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B		5/9/2011	CJR	1
tert-Butylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		5/9/2011	CJR	1
sec-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		5/9/2011	CJR	1
n-Butylbenzene	< 0.9	ug/l	0.9	2.9	1	8260B		5/9/2011	CJR	1

Project Name COM 401 W. WISCONSIN AVE. **Invoice #** E22203
Project # 12422

Lab Code 5022203B
Sample ID MW-2
Sample Matrix Water
Sample Date 5/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Carbon Tetrachloride	< 0.47	ug/l	0.47	1.5	1	8260B		5/9/2011	CJR	1
Chlorobenzene	< 0.51	ug/l	0.51	1.6	1	8260B		5/9/2011	CJR	1
Chloroethane	< 1.4	ug/l	1.4	4.5	1	8260B		5/9/2011	CJR	1
Chloroform	< 0.49	ug/l	0.49	1.5	1	8260B		5/9/2011	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6.1	1	8260B		5/9/2011	CJR	1
2-Chlorotoluene	< 0.7	ug/l	0.7	2.2	1	8260B		5/9/2011	CJR	1
4-Chlorotoluene	< 0.44	ug/l	0.44	1.4	1	8260B		5/9/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 2.8	ug/l	2.8	8.9	1	8260B		5/9/2011	CJR	1
Dibromochloromethane	< 0.55	ug/l	0.55	1.8	1	8260B		5/9/2011	CJR	1
1,4-Dichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		5/9/2011	CJR	1
1,3-Dichlorobenzene	< 0.87	ug/l	0.87	2.8	1	8260B		5/9/2011	CJR	1
1,2-Dichlorobenzene	< 0.76	ug/l	0.76	2.4	1	8260B		5/9/2011	CJR	1
Dichlorodifluoromethane	< 1.8	ug/l	1.8	5.9	1	8260B		5/9/2011	CJR	1
1,2-Dichloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		5/9/2011	CJR	1
1,1-Dichloroethane	< 0.98	ug/l	0.98	3.1	1	8260B		5/9/2011	CJR	1
1,1-Dichloroethene	0.98 "J"	ug/l	0.6	1.9	1	8260B		5/9/2011	CJR	1
cis-1,2-Dichloroethene	216	ug/l	7.4	24	10	8260B		5/11/2011	CJR	1
trans-1,2-Dichloroethene	65	ug/l	0.79	2.5	1	8260B		5/9/2011	CJR	1
1,2-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B		5/9/2011	CJR	1
2,2-Dichloropropane	< 1.9	ug/l	1.9	5.9	1	8260B		5/9/2011	CJR	4 8
1,3-Dichloropropane	< 0.71	ug/l	0.71	2.3	1	8260B		5/9/2011	CJR	1
Di-isopropyl ether	< 0.69	ug/l	0.69	2.2	1	8260B		5/9/2011	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		5/9/2011	CJR	1
Ethylbenzene	< 0.78	ug/l	0.78	2.5	1	8260B		5/9/2011	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	6.8	1	8260B		5/9/2011	CJR	1
Isopropylbenzene	< 0.92	ug/l	0.92	2.9	1	8260B		5/9/2011	CJR	1
p-Isopropyltoluene	< 0.92	ug/l	0.92	2.9	1	8260B		5/9/2011	CJR	1
Methylene chloride	< 1.1	ug/l	1.1	3.4	1	8260B		5/9/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.8	ug/l	0.8	2.5	1	8260B		5/9/2011	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.8	1	8260B		5/9/2011	CJR	1
n-Propylbenzene	< 0.59	ug/l	0.59	1.9	1	8260B		5/9/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 0.53	ug/l	0.53	1.7	1	8260B		5/9/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 1	ug/l	1	3.2	1	8260B		5/9/2011	CJR	1
Tetrachloroethene	93	ug/l	0.44	1.4	1	8260B		5/9/2011	CJR	1
Toluene	0.62 "J"	ug/l	0.53	1.7	1	8260B		5/9/2011	CJR	1
1,2,4-Trichlorobenzene	< 1.5	ug/l	1.5	4.6	1	8260B		5/9/2011	CJR	1
1,2,3-Trichlorobenzene	< 1.3	ug/l	1.3	4.2	1	8260B		5/9/2011	CJR	1
1,1,1-Trichloroethane	< 0.85	ug/l	0.85	2.7	1	8260B		5/9/2011	CJR	1
1,1,2-Trichloroethane	< 0.47	ug/l	0.47	1.5	1	8260B		5/9/2011	CJR	1
Trichloroethene (TCE)	144	ug/l	0.47	1.5	1	8260B		5/9/2011	CJR	1
Trichlorofluoromethane	< 1.7	ug/l	1.7	5.3	1	8260B		5/9/2011	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.5	1	8260B		5/9/2011	CJR	1
1,3,5-Trimethylbenzene	< 0.74	ug/l	0.74	2.4	1	8260B		5/9/2011	CJR	1
Vinyl Chloride	51	ug/l	0.18	0.56	1	8260B		5/9/2011	CJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B		5/9/2011	CJR	1
o-Xylene	< 0.8	ug/l	0.8	2.6	1	8260B		5/9/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	90	REC %			1	8260B		5/9/2011	CJR	1
SUR - 4-Bromofluorobenzene	108	REC %			1	8260B		5/9/2011	CJR	1
SUR - Dibromofluoromethane	91	REC %			1	8260B		5/9/2011	CJR	1
SUR - Toluene-d8	95	REC %			1	8260B		5/9/2011	CJR	1

Project Name COM 401 W. WISCONSIN AVE. **Invoice #** E22203
Project # 12422

Lab Code 5022203C
Sample ID MW-3
Sample Matrix Water
Sample Date 5/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Cadmium, Dissolved	< 0.5	ug/L	0.5	1.7	1	200.7		5/9/2011	CWT	1
Organic										
VOC's										
Benzene	< 0.5	ug/l	0.5	1.6	1	8260B		5/9/2011	CJR	1
Bromobenzene	< 0.74	ug/l	0.74	2.4	1	8260B		5/9/2011	CJR	1
Bromodichloromethane	< 0.68	ug/l	0.68	2.2	1	8260B		5/9/2011	CJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B		5/9/2011	CJR	1
tert-Butylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		5/9/2011	CJR	1
sec-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		5/9/2011	CJR	1
n-Butylbenzene	< 0.9	ug/l	0.9	2.9	1	8260B		5/9/2011	CJR	1
Carbon Tetrachloride	< 0.47	ug/l	0.47	1.5	1	8260B		5/9/2011	CJR	1
Chlorobenzene	< 0.51	ug/l	0.51	1.6	1	8260B		5/9/2011	CJR	1
Chloroethane	< 1.4	ug/l	1.4	4.5	1	8260B		5/9/2011	CJR	1
Chloroform	< 0.49	ug/l	0.49	1.5	1	8260B		5/9/2011	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6.1	1	8260B		5/9/2011	CJR	1
2-Chlorotoluene	< 0.7	ug/l	0.7	2.2	1	8260B		5/9/2011	CJR	1
4-Chlorotoluene	< 0.44	ug/l	0.44	1.4	1	8260B		5/9/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 2.8	ug/l	2.8	8.9	1	8260B		5/9/2011	CJR	1
Dibromochloromethane	< 0.55	ug/l	0.55	1.8	1	8260B		5/9/2011	CJR	1
1,4-Dichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		5/9/2011	CJR	1
1,3-Dichlorobenzene	< 0.87	ug/l	0.87	2.8	1	8260B		5/9/2011	CJR	1
1,2-Dichlorobenzene	< 0.76	ug/l	0.76	2.4	1	8260B		5/9/2011	CJR	1
Dichlorodifluoromethane	< 1.8	ug/l	1.8	5.9	1	8260B		5/9/2011	CJR	1
1,2-Dichloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		5/9/2011	CJR	1
1,1-Dichloroethane	< 0.98	ug/l	0.98	3.1	1	8260B		5/9/2011	CJR	1
1,1-Dichloroethene	1.24 "J"	ug/l	0.6	1.9	1	8260B		5/9/2011	CJR	1
cis-1,2-Dichloroethene	88	ug/l	0.74	2.4	1	8260B		5/9/2011	CJR	1
trans-1,2-Dichloroethene	7.6	ug/l	0.79	2.5	1	8260B		5/9/2011	CJR	1
1,2-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B		5/9/2011	CJR	1
2,2-Dichloropropane	< 1.9	ug/l	1.9	5.9	1	8260B		5/9/2011	CJR	4 8
1,3-Dichloropropane	< 0.71	ug/l	0.71	2.3	1	8260B		5/9/2011	CJR	1
Di-isopropyl ether	< 0.69	ug/l	0.69	2.2	1	8260B		5/9/2011	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		5/9/2011	CJR	1
Ethylbenzene	< 0.78	ug/l	0.78	2.5	1	8260B		5/9/2011	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	6.8	1	8260B		5/9/2011	CJR	1
Isopropylbenzene	< 0.92	ug/l	0.92	2.9	1	8260B		5/9/2011	CJR	1
p-Isopropyltoluene	< 0.92	ug/l	0.92	2.9	1	8260B		5/9/2011	CJR	1
Methylene chloride	< 1.1	ug/l	1.1	3.4	1	8260B		5/9/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.8	ug/l	0.8	2.5	1	8260B		5/9/2011	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.8	1	8260B		5/9/2011	CJR	1
n-Propylbenzene	< 0.59	ug/l	0.59	1.9	1	8260B		5/9/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 0.53	ug/l	0.53	1.7	1	8260B		5/9/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 1	ug/l	1	3.2	1	8260B		5/9/2011	CJR	1
Tetrachloroethene	283	ug/l	4.4	14	10	8260B		5/11/2011	CJR	1
Toluene	< 0.53	ug/l	0.53	1.7	1	8260B		5/9/2011	CJR	1
1,2,4-Trichlorobenzene	< 1.5	ug/l	1.5	4.6	1	8260B		5/9/2011	CJR	1
1,2,3-Trichlorobenzene	< 1.3	ug/l	1.3	4.2	1	8260B		5/9/2011	CJR	1
1,1,1-Trichloroethane	< 0.85	ug/l	0.85	2.7	1	8260B		5/9/2011	CJR	1
1,1,2-Trichloroethane	< 0.47	ug/l	0.47	1.5	1	8260B		5/9/2011	CJR	1

Project Name COM 401 W. WISCONSIN AVE. **Invoice #** E22203
Project # 12422

Lab Code 5022203C
Sample ID MW-3
Sample Matrix Water
Sample Date 5/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Trichloroethene (TCE)	77	ug/l	0.47	1.5	1	8260B		5/9/2011	CJR	1
Trichlorofluoromethane	< 1.7	ug/l	1.7	5.3	1	8260B		5/9/2011	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.5	1	8260B		5/9/2011	CJR	1
1,3,5-Trimethylbenzene	< 0.74	ug/l	0.74	2.4	1	8260B		5/9/2011	CJR	1
Vinyl Chloride	9.0	ug/l	0.18	0.56	1	8260B		5/9/2011	CJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B		5/9/2011	CJR	1
o-Xylene	< 0.8	ug/l	0.8	2.6	1	8260B		5/9/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	101	REC %			1	8260B		5/9/2011	CJR	1
SUR - 4-Bromofluorobenzene	100	REC %			1	8260B		5/9/2011	CJR	1
SUR - Dibromofluoromethane	93	REC %			1	8260B		5/9/2011	CJR	1
SUR - Toluene-d8	95	REC %			1	8260B		5/9/2011	CJR	1

Lab Code 5022203D
Sample ID MW-4
Sample Matrix Water
Sample Date 5/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Cadmium, Dissolved	< 0.5	ug/L	0.5	1.7	1	200.7		5/9/2011	CWT	1
Organic										
VOC's										
Benzene	< 0.5	ug/l	0.5	1.6	1	8260B		5/10/2011	MJR	1
Bromobenzene	< 0.74	ug/l	0.74	2.4	1	8260B		5/10/2011	MJR	1
Bromodichloromethane	< 0.68	ug/l	0.68	2.2	1	8260B		5/10/2011	MJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B		5/10/2011	MJR	1
tert-Butylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		5/10/2011	MJR	1
sec-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		5/10/2011	MJR	1
n-Butylbenzene	< 0.9	ug/l	0.9	2.9	1	8260B		5/10/2011	MJR	1
Carbon Tetrachloride	< 0.47	ug/l	0.47	1.5	1	8260B		5/10/2011	MJR	1
Chlorobenzene	< 0.51	ug/l	0.51	1.6	1	8260B		5/10/2011	MJR	1
Chloroethane	< 1.4	ug/l	1.4	4.5	1	8260B		5/10/2011	MJR	1
Chloroform	< 0.49	ug/l	0.49	1.5	1	8260B		5/10/2011	MJR	1
Chloromethane	< 1.9	ug/l	1.9	6.1	1	8260B		5/10/2011	MJR	1
2-Chlorotoluene	< 0.7	ug/l	0.7	2.2	1	8260B		5/10/2011	MJR	1
4-Chlorotoluene	< 0.44	ug/l	0.44	1.4	1	8260B		5/10/2011	MJR	1
1,2-Dibromo-3-chloropropane	< 2.8	ug/l	2.8	8.9	1	8260B		5/10/2011	MJR	1
Dibromochloromethane	< 0.55	ug/l	0.55	1.8	1	8260B		5/10/2011	MJR	1
1,4-Dichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		5/10/2011	MJR	1
1,3-Dichlorobenzene	< 0.87	ug/l	0.87	2.8	1	8260B		5/10/2011	MJR	1
1,2-Dichlorobenzene	< 0.76	ug/l	0.76	2.4	1	8260B		5/10/2011	MJR	1
Dichlorodifluoromethane	< 1.8	ug/l	1.8	5.9	1	8260B		5/10/2011	MJR	1
1,2-Dichloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		5/10/2011	MJR	1
1,1-Dichloroethane	< 0.98	ug/l	0.98	3.1	1	8260B		5/10/2011	MJR	1
1,1-Dichloroethene	< 0.6	ug/l	0.6	1.9	1	8260B		5/10/2011	MJR	1
cis-1,2-Dichloroethene	< 0.74	ug/l	0.74	2.4	1	8260B		5/10/2011	MJR	1
trans-1,2-Dichloroethene	< 0.79	ug/l	0.79	2.5	1	8260B		5/10/2011	MJR	1
1,2-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B		5/10/2011	MJR	1
2,2-Dichloropropane	< 1.9	ug/l	1.9	5.9	1	8260B		5/10/2011	MJR	1
1,3-Dichloropropane	< 0.71	ug/l	0.71	2.3	1	8260B		5/10/2011	MJR	1
Di-isopropyl ether	< 0.69	ug/l	0.69	2.2	1	8260B		5/10/2011	MJR	1

Project Name COM 401 W. WISCONSIN AVE. **Invoice #** E22203
Project # 12422

Lab Code 5022203D
Sample ID MW-4
Sample Matrix Water
Sample Date 5/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		5/10/2011	MJR	1
Ethylbenzene	< 0.78	ug/l	0.78	2.5	1	8260B		5/10/2011	MJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	6.8	1	8260B		5/10/2011	MJR	1
Isopropylbenzene	< 0.92	ug/l	0.92	2.9	1	8260B		5/10/2011	MJR	1
p-Isopropyltoluene	< 0.92	ug/l	0.92	2.9	1	8260B		5/10/2011	MJR	1
Methylene chloride	< 1.1	ug/l	1.1	3.4	1	8260B		5/10/2011	MJR	1
Methyl tert-butyl ether (MTBE)	< 0.8	ug/l	0.8	2.5	1	8260B		5/10/2011	MJR	1
Naphthalene	< 2.1	ug/l	2.1	6.8	1	8260B		5/10/2011	MJR	1
n-Propylbenzene	< 0.59	ug/l	0.59	1.9	1	8260B		5/10/2011	MJR	1
1,1,2,2-Tetrachloroethane	< 0.53	ug/l	0.53	1.7	1	8260B		5/10/2011	MJR	1
1,1,1,2-Tetrachloroethane	< 1	ug/l	1	3.2	1	8260B		5/10/2011	MJR	1
Tetrachloroethene	< 0.44	ug/l	0.44	1.4	1	8260B		5/10/2011	MJR	1
Toluene	< 0.53	ug/l	0.53	1.7	1	8260B		5/10/2011	MJR	1
1,2,4-Trichlorobenzene	< 1.5	ug/l	1.5	4.6	1	8260B		5/10/2011	MJR	1
1,2,3-Trichlorobenzene	< 1.3	ug/l	1.3	4.2	1	8260B		5/10/2011	MJR	1
1,1,1-Trichloroethane	< 0.85	ug/l	0.85	2.7	1	8260B		5/10/2011	MJR	1
1,1,2-Trichloroethane	< 0.47	ug/l	0.47	1.5	1	8260B		5/10/2011	MJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		5/10/2011	MJR	1
Trichlorofluoromethane	< 1.7	ug/l	1.7	5.3	1	8260B		5/10/2011	MJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.5	1	8260B		5/10/2011	MJR	1
1,3,5-Trimethylbenzene	< 0.74	ug/l	0.74	2.4	1	8260B		5/10/2011	MJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.56	1	8260B		5/10/2011	MJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B		5/10/2011	MJR	1
o-Xylene	< 0.8	ug/l	0.8	2.6	1	8260B		5/10/2011	MJR	1
SUR - Dibromofluoromethane	99	REC %			1	8260B		5/10/2011	MJR	1
SUR - Toluene-d8	96	REC %			1	8260B		5/10/2011	MJR	1
SUR - 4-Bromofluorobenzene	96	REC %			1	8260B		5/10/2011	MJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %			1	8260B		5/10/2011	MJR	1

Lab Code 5022203E
Sample ID MW-5
Sample Matrix Water
Sample Date 5/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Cadmium, Dissolved	< 0.5	ug/L	0.5	1.7	1	200.7		5/9/2011	CWT	1
Organic										
VOC's										
Benzene	< 0.5	ug/l	0.5	1.6	1	8260B		5/9/2011	CJR	1
Bromobenzene	< 0.74	ug/l	0.74	2.4	1	8260B		5/9/2011	CJR	1
Bromodichloromethane	< 0.68	ug/l	0.68	2.2	1	8260B		5/9/2011	CJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B		5/9/2011	CJR	1
tert-Butylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		5/9/2011	CJR	1
sec-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		5/9/2011	CJR	1
n-Butylbenzene	< 0.9	ug/l	0.9	2.9	1	8260B		5/9/2011	CJR	1
Carbon Tetrachloride	< 0.47	ug/l	0.47	1.5	1	8260B		5/9/2011	CJR	1
Chlorobenzene	< 0.51	ug/l	0.51	1.6	1	8260B		5/9/2011	CJR	1
Chloroethane	< 1.4	ug/l	1.4	4.5	1	8260B		5/9/2011	CJR	1
Chloroform	< 0.49	ug/l	0.49	1.5	1	8260B		5/9/2011	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6.1	1	8260B		5/9/2011	CJR	1

Project Name COM 401 W. WISCONSIN AVE. **Invoice #** E22203
Project # 12422

Lab Code 5022203E
Sample ID MW-5
Sample Matrix Water
Sample Date 5/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
2-Chlorotoluene	< 0.7	ug/l	0.7	2.2	1	8260B		5/9/2011	CJR	1
4-Chlorotoluene	< 0.44	ug/l	0.44	1.4	1	8260B		5/9/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 2.8	ug/l	2.8	8.9	1	8260B		5/9/2011	CJR	1
Dibromochloromethane	< 0.55	ug/l	0.55	1.8	1	8260B		5/9/2011	CJR	1
1,4-Dichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		5/9/2011	CJR	1
1,3-Dichlorobenzene	< 0.87	ug/l	0.87	2.8	1	8260B		5/9/2011	CJR	1
1,2-Dichlorobenzene	< 0.76	ug/l	0.76	2.4	1	8260B		5/9/2011	CJR	1
Dichlorodifluoromethane	< 1.8	ug/l	1.8	5.9	1	8260B		5/9/2011	CJR	1
1,2-Dichloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		5/9/2011	CJR	1
1,1-Dichloroethane	< 0.98	ug/l	0.98	3.1	1	8260B		5/9/2011	CJR	1
1,1-Dichloroethene	< 0.6	ug/l	0.6	1.9	1	8260B		5/9/2011	CJR	1
cis-1,2-Dichloroethene	< 0.74	ug/l	0.74	2.4	1	8260B		5/9/2011	CJR	1
trans-1,2-Dichloroethene	< 0.79	ug/l	0.79	2.5	1	8260B		5/9/2011	CJR	1
1,2-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B		5/9/2011	CJR	1
2,2-Dichloropropane	< 1.9	ug/l	1.9	5.9	1	8260B		5/9/2011	CJR	4 8
1,3-Dichloropropane	< 0.71	ug/l	0.71	2.3	1	8260B		5/9/2011	CJR	1
Di-isopropyl ether	< 0.69	ug/l	0.69	2.2	1	8260B		5/9/2011	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		5/9/2011	CJR	1
Ethylbenzene	< 0.78	ug/l	0.78	2.5	1	8260B		5/9/2011	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	6.8	1	8260B		5/9/2011	CJR	1
Isopropylbenzene	< 0.92	ug/l	0.92	2.9	1	8260B		5/9/2011	CJR	1
p-Isopropyltoluene	< 0.92	ug/l	0.92	2.9	1	8260B		5/9/2011	CJR	1
Methylene chloride	< 1.1	ug/l	1.1	3.4	1	8260B		5/9/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.8	ug/l	0.8	2.5	1	8260B		5/9/2011	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.8	1	8260B		5/9/2011	CJR	1
n-Propylbenzene	< 0.59	ug/l	0.59	1.9	1	8260B		5/9/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 0.53	ug/l	0.53	1.7	1	8260B		5/9/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 1	ug/l	1	3.2	1	8260B		5/9/2011	CJR	1
Tetrachloroethene	< 0.44	ug/l	0.44	1.4	1	8260B		5/9/2011	CJR	1
Toluene	< 0.53	ug/l	0.53	1.7	1	8260B		5/9/2011	CJR	1
1,2,4-Trichlorobenzene	< 1.5	ug/l	1.5	4.6	1	8260B		5/9/2011	CJR	1
1,2,3-Trichlorobenzene	< 1.3	ug/l	1.3	4.2	1	8260B		5/9/2011	CJR	1
1,1,1-Trichloroethane	< 0.85	ug/l	0.85	2.7	1	8260B		5/9/2011	CJR	1
1,1,2-Trichloroethane	< 0.47	ug/l	0.47	1.5	1	8260B		5/9/2011	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		5/9/2011	CJR	1
Trichlorofluoromethane	< 1.7	ug/l	1.7	5.3	1	8260B		5/9/2011	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.5	1	8260B		5/9/2011	CJR	1
1,3,5-Trimethylbenzene	< 0.74	ug/l	0.74	2.4	1	8260B		5/9/2011	CJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.56	1	8260B		5/9/2011	CJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B		5/9/2011	CJR	1
o-Xylene	< 0.8	ug/l	0.8	2.6	1	8260B		5/9/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	84	REC %			1	8260B		5/9/2011	CJR	1
SUR - Toluene-d8	97	REC %			1	8260B		5/9/2011	CJR	1
SUR - Dibromofluoromethane	94	REC %			1	8260B		5/9/2011	CJR	1
SUR - 4-Bromofluorobenzene	103	REC %			1	8260B		5/9/2011	CJR	1

Project Name COM 401 W. WISCONSIN AVE. **Invoice #** E22203
Project # 12422

Lab Code 5022203F
Sample ID MW-6
Sample Matrix Water
Sample Date 5/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Cadmium, Dissolved	< 0.5	ug/L	0.5	1.7	1	200.7		5/9/2011	CWT	1
Organic										
VOC's										
Benzene	< 0.5	ug/l	0.5	1.6	1	8260B		5/9/2011	CJR	1
Bromobenzene	< 0.74	ug/l	0.74	2.4	1	8260B		5/9/2011	CJR	1
Bromodichloromethane	< 0.68	ug/l	0.68	2.2	1	8260B		5/9/2011	CJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B		5/9/2011	CJR	1
tert-Butylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		5/9/2011	CJR	1
sec-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		5/9/2011	CJR	1
n-Butylbenzene	< 0.9	ug/l	0.9	2.9	1	8260B		5/9/2011	CJR	1
Carbon Tetrachloride	< 0.47	ug/l	0.47	1.5	1	8260B		5/9/2011	CJR	1
Chlorobenzene	< 0.51	ug/l	0.51	1.6	1	8260B		5/9/2011	CJR	1
Chloroethane	< 1.4	ug/l	1.4	4.5	1	8260B		5/9/2011	CJR	1
Chloroform	< 0.49	ug/l	0.49	1.5	1	8260B		5/9/2011	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6.1	1	8260B		5/9/2011	CJR	1
2-Chlorotoluene	< 0.7	ug/l	0.7	2.2	1	8260B		5/9/2011	CJR	1
4-Chlorotoluene	< 0.44	ug/l	0.44	1.4	1	8260B		5/9/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 2.8	ug/l	2.8	8.9	1	8260B		5/9/2011	CJR	1
Dibromochloromethane	< 0.55	ug/l	0.55	1.8	1	8260B		5/9/2011	CJR	1
1,4-Dichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		5/9/2011	CJR	1
1,3-Dichlorobenzene	< 0.87	ug/l	0.87	2.8	1	8260B		5/9/2011	CJR	1
1,2-Dichlorobenzene	< 0.76	ug/l	0.76	2.4	1	8260B		5/9/2011	CJR	1
Dichlorodifluoromethane	< 1.8	ug/l	1.8	5.9	1	8260B		5/9/2011	CJR	1
1,2-Dichloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		5/9/2011	CJR	1
1,1-Dichloroethane	< 0.98	ug/l	0.98	3.1	1	8260B		5/9/2011	CJR	1
1,1-Dichloroethene	< 0.6	ug/l	0.6	1.9	1	8260B		5/9/2011	CJR	1
cis-1,2-Dichloroethene	< 0.74	ug/l	0.74	2.4	1	8260B		5/9/2011	CJR	1
trans-1,2-Dichloroethene	< 0.79	ug/l	0.79	2.5	1	8260B		5/9/2011	CJR	1
1,2-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B		5/9/2011	CJR	1
2,2-Dichloropropane	< 1.9	ug/l	1.9	5.9	1	8260B		5/9/2011	CJR	4 8
1,3-Dichloropropane	< 0.71	ug/l	0.71	2.3	1	8260B		5/9/2011	CJR	1
Di-isopropyl ether	< 0.69	ug/l	0.69	2.2	1	8260B		5/9/2011	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		5/9/2011	CJR	1
Ethylbenzene	< 0.78	ug/l	0.78	2.5	1	8260B		5/9/2011	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	6.8	1	8260B		5/9/2011	CJR	1
Isopropylbenzene	< 0.92	ug/l	0.92	2.9	1	8260B		5/9/2011	CJR	1
p-Isopropyltoluene	< 0.92	ug/l	0.92	2.9	1	8260B		5/9/2011	CJR	1
Methylene chloride	< 1.1	ug/l	1.1	3.4	1	8260B		5/9/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.8	ug/l	0.8	2.5	1	8260B		5/9/2011	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.8	1	8260B		5/9/2011	CJR	1
n-Propylbenzene	< 0.59	ug/l	0.59	1.9	1	8260B		5/9/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 0.53	ug/l	0.53	1.7	1	8260B		5/9/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 1	ug/l	1	3.2	1	8260B		5/9/2011	CJR	1
Tetrachloroethene	< 0.44	ug/l	0.44	1.4	1	8260B		5/9/2011	CJR	1
Toluene	< 0.53	ug/l	0.53	1.7	1	8260B		5/9/2011	CJR	1
1,2,4-Trichlorobenzene	< 1.5	ug/l	1.5	4.6	1	8260B		5/9/2011	CJR	1
1,2,3-Trichlorobenzene	< 1.3	ug/l	1.3	4.2	1	8260B		5/9/2011	CJR	1
1,1,1-Trichloroethane	< 0.85	ug/l	0.85	2.7	1	8260B		5/9/2011	CJR	1
1,1,2-Trichloroethane	< 0.47	ug/l	0.47	1.5	1	8260B		5/9/2011	CJR	1

Project Name COM 401 W. WISCONSIN AVE. **Invoice #** E22203
Project # 12422

Lab Code 5022203F
Sample ID MW-6
Sample Matrix Water
Sample Date 5/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		5/9/2011	CJR	1
Trichlorofluoromethane	< 1.7	ug/l	1.7	5.3	1	8260B		5/9/2011	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.5	1	8260B		5/9/2011	CJR	1
1,3,5-Trimethylbenzene	< 0.74	ug/l	0.74	2.4	1	8260B		5/9/2011	CJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.56	1	8260B		5/9/2011	CJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B		5/9/2011	CJR	1
o-Xylene	< 0.8	ug/l	0.8	2.6	1	8260B		5/9/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %			1	8260B		5/9/2011	CJR	1
SUR - 4-Bromofluorobenzene	97	REC %			1	8260B		5/9/2011	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		5/9/2011	CJR	1
SUR - Toluene-d8	92	REC %			1	8260B		5/9/2011	CJR	1

Lab Code 5022203G
Sample ID MW-7
Sample Matrix Water
Sample Date 5/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Cadmium, Dissolved	< 0.5	ug/L	0.5	1.7	1	200.7		5/9/2011	CWT	1
Organic										
PAH SIM										
Acenaphthene	0.217	ug/l	0.01	0.031	1	M8270D	5/10/2011	5/11/2011	MDK	1
Acenaphthylene	< 0.014	ug/l	0.014	0.043	1	M8270D	5/10/2011	5/11/2011	MDK	1
Anthracene	0.036	ug/l	0.009	0.03	1	M8270D	5/10/2011	5/11/2011	MDK	1
Benzo(a)anthracene	0.016 "J"	ug/l	0.014	0.044	1	M8270D	5/10/2011	5/11/2011	MDK	1
Benzo(a)pyrene	< 0.011	ug/l	0.011	0.034	1	M8270D	5/10/2011	5/11/2011	MDK	1
Benzo(b)fluoranthene	< 0.013	ug/l	0.013	0.041	1	M8270D	5/10/2011	5/11/2011	MDK	1
Benzo(g,h,i)perylene	< 0.015	ug/l	0.015	0.048	1	M8270D	5/10/2011	5/11/2011	MDK	1
Benzo(k)fluoranthene	< 0.015	ug/l	0.015	0.047	1	M8270D	5/10/2011	5/11/2011	MDK	1
Chrysene	< 0.013	ug/l	0.013	0.042	1	M8270D	5/10/2011	5/11/2011	MDK	1
Dibenzo(a,h)anthracene	< 0.016	ug/l	0.016	0.05	1	M8270D	5/10/2011	5/11/2011	MDK	1
Fluoranthene	0.109	ug/l	0.012	0.039	1	M8270D	5/10/2011	5/11/2011	MDK	1
Fluorene	0.269	ug/l	0.008	0.025	1	M8270D	5/10/2011	5/11/2011	MDK	1
Indeno(1,2,3-cd)pyrene	< 0.015	ug/l	0.015	0.049	1	M8270D	5/10/2011	5/11/2011	MDK	1
1-Methyl naphthalene	0.232	ug/l	0.009	0.028	1	M8270D	5/10/2011	5/11/2011	MDK	1
2-Methyl naphthalene	0.296	ug/l	0.013	0.04	1	M8270D	5/10/2011	5/11/2011	MDK	1
Naphthalene	2.75	ug/l	0.015	0.047	1	M8270D	5/10/2011	5/11/2011	MDK	1
Phenanthrene	0.285	ug/l	0.01	0.033	1	M8270D	5/10/2011	5/11/2011	MDK	1
Pyrene	0.076	ug/l	0.013	0.042	1	M8270D	5/10/2011	5/11/2011	MDK	1
VOC's										
Benzene	< 0.5	ug/l	0.5	1.6	1	8260B		5/10/2011	CJR	1
Bromobenzene	< 0.74	ug/l	0.74	2.4	1	8260B		5/10/2011	CJR	1
Bromodichloromethane	< 0.68	ug/l	0.68	2.2	1	8260B		5/10/2011	CJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B		5/10/2011	CJR	1
tert-Butylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		5/10/2011	CJR	1
sec-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		5/10/2011	CJR	1
n-Butylbenzene	< 0.9	ug/l	0.9	2.9	1	8260B		5/10/2011	CJR	1
Carbon Tetrachloride	< 0.47	ug/l	0.47	1.5	1	8260B		5/10/2011	CJR	1
Chlorobenzene	< 0.51	ug/l	0.51	1.6	1	8260B		5/10/2011	CJR	1
Chloroethane	< 1.4	ug/l	1.4	4.5	1	8260B		5/10/2011	CJR	1

Project Name COM 401 W. WISCONSIN AVE. **Invoice #** E22203
Project # 12422

Lab Code 5022203G
Sample ID MW-7
Sample Matrix Water
Sample Date 5/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Chloroform	< 0.49	ug/l	0.49	1.5	1	8260B		5/10/2011	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6.1	1	8260B		5/10/2011	CJR	1
2-Chlorotoluene	< 0.7	ug/l	0.7	2.2	1	8260B		5/10/2011	CJR	1
4-Chlorotoluene	< 0.44	ug/l	0.44	1.4	1	8260B		5/10/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 2.8	ug/l	2.8	8.9	1	8260B		5/10/2011	CJR	1
Dibromochloromethane	< 0.55	ug/l	0.55	1.8	1	8260B		5/10/2011	CJR	1
1,4-Dichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		5/10/2011	CJR	1
1,3-Dichlorobenzene	< 0.87	ug/l	0.87	2.8	1	8260B		5/10/2011	CJR	1
1,2-Dichlorobenzene	< 0.76	ug/l	0.76	2.4	1	8260B		5/10/2011	CJR	1
Dichlorodifluoromethane	< 1.8	ug/l	1.8	5.9	1	8260B		5/10/2011	CJR	1
1,2-Dichloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		5/10/2011	CJR	1
1,1-Dichloroethane	< 0.98	ug/l	0.98	3.1	1	8260B		5/10/2011	CJR	1
1,1-Dichloroethene	< 0.6	ug/l	0.6	1.9	1	8260B		5/10/2011	CJR	1
cis-1,2-Dichloroethene	< 0.74	ug/l	0.74	2.4	1	8260B		5/10/2011	CJR	1
trans-1,2-Dichloroethene	< 0.79	ug/l	0.79	2.5	1	8260B		5/10/2011	CJR	1
1,2-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B		5/10/2011	CJR	1
2,2-Dichloropropane	< 1.9	ug/l	1.9	5.9	1	8260B		5/10/2011	CJR	4 8
1,3-Dichloropropane	< 0.71	ug/l	0.71	2.3	1	8260B		5/10/2011	CJR	1
Di-isopropyl ether	< 0.69	ug/l	0.69	2.2	1	8260B		5/10/2011	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		5/10/2011	CJR	1
Ethylbenzene	< 0.78	ug/l	0.78	2.5	1	8260B		5/10/2011	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	6.8	1	8260B		5/10/2011	CJR	1
Isopropylbenzene	< 0.92	ug/l	0.92	2.9	1	8260B		5/10/2011	CJR	1
p-Isopropyltoluene	< 0.92	ug/l	0.92	2.9	1	8260B		5/10/2011	CJR	1
Methylene chloride	< 1.1	ug/l	1.1	3.4	1	8260B		5/10/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.8	ug/l	0.8	2.5	1	8260B		5/10/2011	CJR	1
Naphthalene	3.8 "J"	ug/l	2.1	6.8	1	8260B		5/10/2011	CJR	1
n-Propylbenzene	< 0.59	ug/l	0.59	1.9	1	8260B		5/10/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 0.53	ug/l	0.53	1.7	1	8260B		5/10/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 1	ug/l	1	3.2	1	8260B		5/10/2011	CJR	1
Tetrachloroethene	< 0.44	ug/l	0.44	1.4	1	8260B		5/10/2011	CJR	1
Toluene	< 0.53	ug/l	0.53	1.7	1	8260B		5/10/2011	CJR	1
1,2,4-Trichlorobenzene	< 1.5	ug/l	1.5	4.6	1	8260B		5/10/2011	CJR	1
1,2,3-Trichlorobenzene	< 1.3	ug/l	1.3	4.2	1	8260B		5/10/2011	CJR	1
1,1,1-Trichloroethane	< 0.85	ug/l	0.85	2.7	1	8260B		5/10/2011	CJR	1
1,1,2-Trichloroethane	< 0.47	ug/l	0.47	1.5	1	8260B		5/10/2011	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		5/10/2011	CJR	1
Trichlorofluoromethane	< 1.7	ug/l	1.7	5.3	1	8260B		5/10/2011	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.5	1	8260B		5/10/2011	CJR	1
1,3,5-Trimethylbenzene	< 0.74	ug/l	0.74	2.4	1	8260B		5/10/2011	CJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.56	1	8260B		5/10/2011	CJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B		5/10/2011	CJR	1
o-Xylene	< 0.8	ug/l	0.8	2.6	1	8260B		5/10/2011	CJR	1
SUR - 4-Bromofluorobenzene	104	REC %			1	8260B		5/10/2011	CJR	1
SUR - Dibromofluoromethane	92	REC %			1	8260B		5/10/2011	CJR	1
SUR - Toluene-d8	97	REC %			1	8260B		5/10/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	94	REC %			1	8260B		5/10/2011	CJR	1

Project Name COM 401 W. WISCONSIN AVE. **Invoice #** E22203
Project # 12422

Lab Code 5022203H
Sample ID MW-8
Sample Matrix Water
Sample Date 5/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Cadmium, Dissolved	< 0.5	ug/L	0.5	1.7	1	200.7		5/9/2011	CWT	1
Organic										
VOC's										
Benzene	< 0.5	ug/l	0.5	1.6	1	8260B		5/9/2011	CJR	1
Bromobenzene	< 0.74	ug/l	0.74	2.4	1	8260B		5/9/2011	CJR	1
Bromodichloromethane	< 0.68	ug/l	0.68	2.2	1	8260B		5/9/2011	CJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B		5/9/2011	CJR	1
tert-Butylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		5/9/2011	CJR	1
sec-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		5/9/2011	CJR	1
n-Butylbenzene	< 0.9	ug/l	0.9	2.9	1	8260B		5/9/2011	CJR	1
Carbon Tetrachloride	< 0.47	ug/l	0.47	1.5	1	8260B		5/9/2011	CJR	1
Chlorobenzene	< 0.51	ug/l	0.51	1.6	1	8260B		5/9/2011	CJR	1
Chloroethane	< 1.4	ug/l	1.4	4.5	1	8260B		5/9/2011	CJR	1
Chloroform	< 0.49	ug/l	0.49	1.5	1	8260B		5/9/2011	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6.1	1	8260B		5/9/2011	CJR	1
2-Chlorotoluene	< 0.7	ug/l	0.7	2.2	1	8260B		5/9/2011	CJR	1
4-Chlorotoluene	< 0.44	ug/l	0.44	1.4	1	8260B		5/9/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 2.8	ug/l	2.8	8.9	1	8260B		5/9/2011	CJR	1
Dibromochloromethane	< 0.55	ug/l	0.55	1.8	1	8260B		5/9/2011	CJR	1
1,4-Dichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		5/9/2011	CJR	1
1,3-Dichlorobenzene	< 0.87	ug/l	0.87	2.8	1	8260B		5/9/2011	CJR	1
1,2-Dichlorobenzene	< 0.76	ug/l	0.76	2.4	1	8260B		5/9/2011	CJR	1
Dichlorodifluoromethane	< 1.8	ug/l	1.8	5.9	1	8260B		5/9/2011	CJR	1
1,2-Dichloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		5/9/2011	CJR	1
1,1-Dichloroethane	< 0.98	ug/l	0.98	3.1	1	8260B		5/9/2011	CJR	1
1,1-Dichloroethene	< 0.6	ug/l	0.6	1.9	1	8260B		5/9/2011	CJR	1
cis-1,2-Dichloroethene	< 0.74	ug/l	0.74	2.4	1	8260B		5/9/2011	CJR	1
trans-1,2-Dichloroethene	< 0.79	ug/l	0.79	2.5	1	8260B		5/9/2011	CJR	1
1,2-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B		5/9/2011	CJR	1
2,2-Dichloropropane	< 1.9	ug/l	1.9	5.9	1	8260B		5/9/2011	CJR	4 8
1,3-Dichloropropane	< 0.71	ug/l	0.71	2.3	1	8260B		5/9/2011	CJR	1
Di-isopropyl ether	< 0.69	ug/l	0.69	2.2	1	8260B		5/9/2011	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		5/9/2011	CJR	1
Ethylbenzene	< 0.78	ug/l	0.78	2.5	1	8260B		5/9/2011	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	6.8	1	8260B		5/9/2011	CJR	1
Isopropylbenzene	< 0.92	ug/l	0.92	2.9	1	8260B		5/9/2011	CJR	1
p-Isopropyltoluene	< 0.92	ug/l	0.92	2.9	1	8260B		5/9/2011	CJR	1
Methylene chloride	< 1.1	ug/l	1.1	3.4	1	8260B		5/9/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.8	ug/l	0.8	2.5	1	8260B		5/9/2011	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.8	1	8260B		5/9/2011	CJR	1
n-Propylbenzene	< 0.59	ug/l	0.59	1.9	1	8260B		5/9/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 0.53	ug/l	0.53	1.7	1	8260B		5/9/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 1	ug/l	1	3.2	1	8260B		5/9/2011	CJR	1
Tetrachloroethene	< 0.44	ug/l	0.44	1.4	1	8260B		5/9/2011	CJR	1
Toluene	< 0.53	ug/l	0.53	1.7	1	8260B		5/9/2011	CJR	1
1,2,4-Trichlorobenzene	< 1.5	ug/l	1.5	4.6	1	8260B		5/9/2011	CJR	1
1,2,3-Trichlorobenzene	< 1.3	ug/l	1.3	4.2	1	8260B		5/9/2011	CJR	1
1,1,1-Trichloroethane	< 0.85	ug/l	0.85	2.7	1	8260B		5/9/2011	CJR	1
1,1,2-Trichloroethane	< 0.47	ug/l	0.47	1.5	1	8260B		5/9/2011	CJR	1

Project Name COM 401 W. WISCONSIN AVE. **Invoice #** E22203
Project # 12422

Lab Code 5022203H
Sample ID MW-8
Sample Matrix Water
Sample Date 5/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		5/9/2011	CJR	1
Trichlorofluoromethane	< 1.7	ug/l	1.7	5.3	1	8260B		5/9/2011	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.5	1	8260B		5/9/2011	CJR	1
1,3,5-Trimethylbenzene	< 0.74	ug/l	0.74	2.4	1	8260B		5/9/2011	CJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.56	1	8260B		5/9/2011	CJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B		5/9/2011	CJR	1
o-Xylene	< 0.8	ug/l	0.8	2.6	1	8260B		5/9/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	96	REC %			1	8260B		5/9/2011	CJR	1
SUR - 4-Bromofluorobenzene	102	REC %			1	8260B		5/9/2011	CJR	1
SUR - Dibromofluoromethane	96	REC %			1	8260B		5/9/2011	CJR	1
SUR - Toluene-d8	94	REC %			1	8260B		5/9/2011	CJR	1

Lab Code 5022203I
Sample ID PZ-1
Sample Matrix Water
Sample Date 5/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Cadmium, Dissolved	< 0.5	ug/L	0.5	1.7	1	200.7		5/9/2011	CWT	1
Organic										
VOC's										
Benzene	< 0.5	ug/l	0.5	1.6	1	8260B		5/10/2011	MJR	1
Bromobenzene	< 0.74	ug/l	0.74	2.4	1	8260B		5/10/2011	MJR	1
Bromodichloromethane	< 0.68	ug/l	0.68	2.2	1	8260B		5/10/2011	MJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B		5/10/2011	MJR	1
tert-Butylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		5/10/2011	MJR	1
sec-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		5/10/2011	MJR	1
n-Butylbenzene	< 0.9	ug/l	0.9	2.9	1	8260B		5/10/2011	MJR	1
Carbon Tetrachloride	< 0.47	ug/l	0.47	1.5	1	8260B		5/10/2011	MJR	1
Chlorobenzene	< 0.51	ug/l	0.51	1.6	1	8260B		5/10/2011	MJR	1
Chloroethane	< 1.4	ug/l	1.4	4.5	1	8260B		5/10/2011	MJR	1
Chloroform	< 0.49	ug/l	0.49	1.5	1	8260B		5/10/2011	MJR	1
Chloromethane	< 1.9	ug/l	1.9	6.1	1	8260B		5/10/2011	MJR	1
2-Chlorotoluene	< 0.7	ug/l	0.7	2.2	1	8260B		5/10/2011	MJR	1
4-Chlorotoluene	< 0.44	ug/l	0.44	1.4	1	8260B		5/10/2011	MJR	1
1,2-Dibromo-3-chloropropane	< 2.8	ug/l	2.8	8.9	1	8260B		5/10/2011	MJR	1
Dibromochloromethane	< 0.55	ug/l	0.55	1.8	1	8260B		5/10/2011	MJR	1
1,4-Dichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		5/10/2011	MJR	1
1,3-Dichlorobenzene	< 0.87	ug/l	0.87	2.8	1	8260B		5/10/2011	MJR	1
1,2-Dichlorobenzene	< 0.76	ug/l	0.76	2.4	1	8260B		5/10/2011	MJR	1
Dichlorodifluoromethane	< 1.8	ug/l	1.8	5.9	1	8260B		5/10/2011	MJR	1
1,2-Dichloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		5/10/2011	MJR	1
1,1-Dichloroethane	< 0.98	ug/l	0.98	3.1	1	8260B		5/10/2011	MJR	1
1,1-Dichloroethene	< 0.6	ug/l	0.6	1.9	1	8260B		5/10/2011	MJR	1
cis-1,2-Dichloroethene	2.59	ug/l	0.74	2.4	1	8260B		5/10/2011	MJR	1
trans-1,2-Dichloroethene	< 0.79	ug/l	0.79	2.5	1	8260B		5/10/2011	MJR	1
1,2-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B		5/10/2011	MJR	1
2,2-Dichloropropane	< 1.9	ug/l	1.9	5.9	1	8260B		5/10/2011	MJR	1
1,3-Dichloropropane	< 0.71	ug/l	0.71	2.3	1	8260B		5/10/2011	MJR	1
Di-isopropyl ether	< 0.69	ug/l	0.69	2.2	1	8260B		5/10/2011	MJR	1

Project Name COM 401 W. WISCONSIN AVE. **Invoice #** E22203
Project # 12422

Lab Code 5022203I
Sample ID PZ-1
Sample Matrix Water
Sample Date 5/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		5/10/2011	MJR	1
Ethylbenzene	< 0.78	ug/l	0.78	2.5	1	8260B		5/10/2011	MJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	6.8	1	8260B		5/10/2011	MJR	1
Isopropylbenzene	< 0.92	ug/l	0.92	2.9	1	8260B		5/10/2011	MJR	1
p-Isopropyltoluene	< 0.92	ug/l	0.92	2.9	1	8260B		5/10/2011	MJR	1
Methylene chloride	< 1.1	ug/l	1.1	3.4	1	8260B		5/10/2011	MJR	1
Methyl tert-butyl ether (MTBE)	< 0.8	ug/l	0.8	2.5	1	8260B		5/10/2011	MJR	1
Naphthalene	< 2.1	ug/l	2.1	6.8	1	8260B		5/10/2011	MJR	1
n-Propylbenzene	< 0.59	ug/l	0.59	1.9	1	8260B		5/10/2011	MJR	1
1,1,2,2-Tetrachloroethane	< 0.53	ug/l	0.53	1.7	1	8260B		5/10/2011	MJR	1
1,1,1,2-Tetrachloroethane	< 1	ug/l	1	3.2	1	8260B		5/10/2011	MJR	1
Tetrachloroethene	19.4	ug/l	0.44	1.4	1	8260B		5/10/2011	MJR	1
Toluene	< 0.53	ug/l	0.53	1.7	1	8260B		5/10/2011	MJR	1
1,2,4-Trichlorobenzene	< 1.5	ug/l	1.5	4.6	1	8260B		5/10/2011	MJR	1
1,2,3-Trichlorobenzene	< 1.3	ug/l	1.3	4.2	1	8260B		5/10/2011	MJR	1
1,1,1-Trichloroethane	< 0.85	ug/l	0.85	2.7	1	8260B		5/10/2011	MJR	1
1,1,2-Trichloroethane	< 0.47	ug/l	0.47	1.5	1	8260B		5/10/2011	MJR	1
Trichloroethene (TCE)	8.3	ug/l	0.47	1.5	1	8260B		5/10/2011	MJR	1
Trichlorofluoromethane	< 1.7	ug/l	1.7	5.3	1	8260B		5/10/2011	MJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.5	1	8260B		5/10/2011	MJR	1
1,3,5-Trimethylbenzene	< 0.74	ug/l	0.74	2.4	1	8260B		5/10/2011	MJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.56	1	8260B		5/10/2011	MJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B		5/10/2011	MJR	1
o-Xylene	< 0.8	ug/l	0.8	2.6	1	8260B		5/10/2011	MJR	1
SUR - 1,2-Dichloroethane-d4	93	REC %			1	8260B		5/10/2011	MJR	1
SUR - 4-Bromofluorobenzene	98	REC %			1	8260B		5/10/2011	MJR	1
SUR - Dibromofluoromethane	94	REC %			1	8260B		5/10/2011	MJR	1
SUR - Toluene-d8	98	REC %			1	8260B		5/10/2011	MJR	1

Lab Code 5022203J
Sample ID DUP
Sample Matrix Water
Sample Date 5/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 5	ug/l	5	16	10	8260B		5/10/2011	MJR	1
Bromobenzene	< 7.4	ug/l	7.4	24	10	8260B		5/10/2011	MJR	1
Bromodichloromethane	< 6.8	ug/l	6.8	22	10	8260B		5/10/2011	MJR	1
Bromoform	< 4.3	ug/l	4.3	14	10	8260B		5/10/2011	MJR	1
tert-Butylbenzene	< 7.1	ug/l	7.1	23	10	8260B		5/10/2011	MJR	1
sec-Butylbenzene	< 10	ug/l	10	33	10	8260B		5/10/2011	MJR	1
n-Butylbenzene	< 9	ug/l	9	29	10	8260B		5/10/2011	MJR	1
Carbon Tetrachloride	< 4.7	ug/l	4.7	15	10	8260B		5/10/2011	MJR	1
Chlorobenzene	< 5.1	ug/l	5.1	16	10	8260B		5/10/2011	MJR	1
Chloroethane	< 14	ug/l	14	45	10	8260B		5/10/2011	MJR	1
Chloroform	< 4.9	ug/l	4.9	15	10	8260B		5/10/2011	MJR	1
Chloromethane	< 19	ug/l	19	61	10	8260B		5/10/2011	MJR	1
2-Chlorotoluene	< 7	ug/l	7	22	10	8260B		5/10/2011	MJR	1
4-Chlorotoluene	< 4.4	ug/l	4.4	14	10	8260B		5/10/2011	MJR	1
1,2-Dibromo-3-chloropropane	< 28	ug/l	28	89	10	8260B		5/10/2011	MJR	1
Dibromochloromethane	< 5.5	ug/l	5.5	18	10	8260B		5/10/2011	MJR	1

Project Name COM 401 W. WISCONSIN AVE. **Invoice #** E22203
Project # 12422

Lab Code 5022203J
Sample ID DUP
Sample Matrix Water
Sample Date 5/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,4-Dichlorobenzene	< 9.8	ug/l	9.8	31	10	8260B		5/10/2011	MJR	1
1,3-Dichlorobenzene	< 8.7	ug/l	8.7	28	10	8260B		5/10/2011	MJR	1
1,2-Dichlorobenzene	< 7.6	ug/l	7.6	24	10	8260B		5/10/2011	MJR	1
Dichlorodifluoromethane	< 18	ug/l	18	59	10	8260B		5/10/2011	MJR	1
1,2-Dichloroethane	< 5	ug/l	5	16	10	8260B		5/10/2011	MJR	1
1,1-Dichloroethane	< 9.8	ug/l	9.8	31	10	8260B		5/10/2011	MJR	1
1,1-Dichloroethene	< 6	ug/l	6	19	10	8260B		5/10/2011	MJR	1
cis-1,2-Dichloroethene	< 7.4	ug/l	7.4	24	10	8260B		5/10/2011	MJR	1
trans-1,2-Dichloroethene	< 7.9	ug/l	7.9	25	10	8260B		5/10/2011	MJR	1
1,2-Dichloropropane	< 4	ug/l	4	13	10	8260B		5/10/2011	MJR	1
2,2-Dichloropropane	< 19	ug/l	19	59	10	8260B		5/10/2011	MJR	1
1,3-Dichloropropane	< 7.1	ug/l	7.1	23	10	8260B		5/10/2011	MJR	1
Di-isopropyl ether	< 6.9	ug/l	6.9	22	10	8260B		5/10/2011	MJR	1
EDB (1,2-Dibromoethane)	< 6.3	ug/l	6.3	20	10	8260B		5/10/2011	MJR	1
Ethylbenzene	< 7.8	ug/l	7.8	25	10	8260B		5/10/2011	MJR	1
Hexachlorobutadiene	< 22	ug/l	22	68	10	8260B		5/10/2011	MJR	1
Isopropylbenzene	< 9.2	ug/l	9.2	29	10	8260B		5/10/2011	MJR	1
p-Isopropyltoluene	< 9.2	ug/l	9.2	29	10	8260B		5/10/2011	MJR	1
Methylene chloride	< 11	ug/l	11	34	10	8260B		5/10/2011	MJR	1
Methyl tert-butyl ether (MTBE)	< 8	ug/l	8	25	10	8260B		5/10/2011	MJR	1
Naphthalene	< 21	ug/l	21	68	10	8260B		5/10/2011	MJR	1
n-Propylbenzene	< 5.9	ug/l	5.9	19	10	8260B		5/10/2011	MJR	1
1,1,2,2-Tetrachloroethane	< 5.3	ug/l	5.3	17	10	8260B		5/10/2011	MJR	1
1,1,1,2-Tetrachloroethane	< 10	ug/l	10	32	10	8260B		5/10/2011	MJR	1
Tetrachloroethene	< 4.4	ug/l	4.4	14	10	8260B		5/10/2011	MJR	1
Toluene	< 5.3	ug/l	5.3	17	10	8260B		5/10/2011	MJR	1
1,2,4-Trichlorobenzene	< 15	ug/l	15	46	10	8260B		5/10/2011	MJR	1
1,2,3-Trichlorobenzene	< 13	ug/l	13	42	10	8260B		5/10/2011	MJR	1
1,1,1-Trichloroethane	< 8.5	ug/l	8.5	27	10	8260B		5/10/2011	MJR	1
1,1,2-Trichloroethane	< 4.7	ug/l	4.7	15	10	8260B		5/10/2011	MJR	1
Trichloroethene (TCE)	< 4.7	ug/l	4.7	15	10	8260B		5/10/2011	MJR	1
Trichlorofluoromethane	< 17	ug/l	17	53	10	8260B		5/10/2011	MJR	1
1,2,4-Trimethylbenzene	< 8	ug/l	8	25	10	8260B		5/10/2011	MJR	1
1,3,5-Trimethylbenzene	< 7.4	ug/l	7.4	24	10	8260B		5/10/2011	MJR	1
Vinyl Chloride	< 1.8	ug/l	1.8	5.6	10	8260B		5/10/2011	MJR	1
m&p-Xylene	< 11	ug/l	11	35	10	8260B		5/10/2011	MJR	1
o-Xylene	< 8	ug/l	8	26	10	8260B		5/10/2011	MJR	1
SUR - 1,2-Dichloroethane-d4	89	REC %			10	8260B		5/10/2011	MJR	1
SUR - 4-Bromofluorobenzene	97	REC %			10	8260B		5/10/2011	MJR	1
SUR - Dibromofluoromethane	95	REC %			10	8260B		5/10/2011	MJR	1
SUR - Toluene-d8	96	REC %			10	8260B		5/10/2011	MJR	1

Lab Code 5022203K
Sample ID EQUIP BLANK
Sample Matrix Water
Sample Date 5/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.5	ug/l	0.5	1.6	1	8260B		5/10/2011	MJR	1
Bromobenzene	< 0.74	ug/l	0.74	2.4	1	8260B		5/10/2011	MJR	1
Bromodichloromethane	< 0.68	ug/l	0.68	2.2	1	8260B		5/10/2011	MJR	1

Project Name COM 401 W. WISCONSIN AVE. **Invoice #** E22203
Project # 12422

Lab Code 5022203K
Sample ID EQUIP BLANK
Sample Matrix Water
Sample Date 5/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B		5/10/2011	MJR	1
tert-Butylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		5/10/2011	MJR	1
sec-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		5/10/2011	MJR	1
n-Butylbenzene	< 0.9	ug/l	0.9	2.9	1	8260B		5/10/2011	MJR	1
Carbon Tetrachloride	< 0.47	ug/l	0.47	1.5	1	8260B		5/10/2011	MJR	1
Chlorobenzene	< 0.51	ug/l	0.51	1.6	1	8260B		5/10/2011	MJR	1
Chloroethane	< 1.4	ug/l	1.4	4.5	1	8260B		5/10/2011	MJR	1
Chloroform	< 0.49	ug/l	0.49	1.5	1	8260B		5/10/2011	MJR	1
Chloromethane	< 1.9	ug/l	1.9	6.1	1	8260B		5/10/2011	MJR	1
2-Chlorotoluene	< 0.7	ug/l	0.7	2.2	1	8260B		5/10/2011	MJR	1
4-Chlorotoluene	< 0.44	ug/l	0.44	1.4	1	8260B		5/10/2011	MJR	1
1,2-Dibromo-3-chloropropane	< 2.8	ug/l	2.8	8.9	1	8260B		5/10/2011	MJR	1
Dibromochloromethane	< 0.55	ug/l	0.55	1.8	1	8260B		5/10/2011	MJR	1
1,4-Dichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		5/10/2011	MJR	1
1,3-Dichlorobenzene	< 0.87	ug/l	0.87	2.8	1	8260B		5/10/2011	MJR	1
1,2-Dichlorobenzene	< 0.76	ug/l	0.76	2.4	1	8260B		5/10/2011	MJR	1
Dichlorodifluoromethane	< 1.8	ug/l	1.8	5.9	1	8260B		5/10/2011	MJR	1
1,2-Dichloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		5/10/2011	MJR	1
1,1-Dichloroethane	< 0.98	ug/l	0.98	3.1	1	8260B		5/10/2011	MJR	1
1,1-Dichloroethene	< 0.6	ug/l	0.6	1.9	1	8260B		5/10/2011	MJR	1
cis-1,2-Dichloroethene	< 0.74	ug/l	0.74	2.4	1	8260B		5/10/2011	MJR	1
trans-1,2-Dichloroethene	< 0.79	ug/l	0.79	2.5	1	8260B		5/10/2011	MJR	1
1,2-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B		5/10/2011	MJR	1
2,2-Dichloropropane	< 1.9	ug/l	1.9	5.9	1	8260B		5/10/2011	MJR	1
1,3-Dichloropropane	< 0.71	ug/l	0.71	2.3	1	8260B		5/10/2011	MJR	1
Di-isopropyl ether	< 0.69	ug/l	0.69	2.2	1	8260B		5/10/2011	MJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		5/10/2011	MJR	1
Ethylbenzene	< 0.78	ug/l	0.78	2.5	1	8260B		5/10/2011	MJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	6.8	1	8260B		5/10/2011	MJR	1
Isopropylbenzene	< 0.92	ug/l	0.92	2.9	1	8260B		5/10/2011	MJR	1
p-Isopropyltoluene	< 0.92	ug/l	0.92	2.9	1	8260B		5/10/2011	MJR	1
Methylene chloride	< 1.1	ug/l	1.1	3.4	1	8260B		5/10/2011	MJR	1
Methyl tert-butyl ether (MTBE)	< 0.8	ug/l	0.8	2.5	1	8260B		5/10/2011	MJR	1
Naphthalene	< 2.1	ug/l	2.1	6.8	1	8260B		5/10/2011	MJR	1
n-Propylbenzene	< 0.59	ug/l	0.59	1.9	1	8260B		5/10/2011	MJR	1
1,1,2,2-Tetrachloroethane	< 0.53	ug/l	0.53	1.7	1	8260B		5/10/2011	MJR	1
1,1,1,2-Tetrachloroethane	< 1	ug/l	1	3.2	1	8260B		5/10/2011	MJR	1
Tetrachloroethene	< 0.44	ug/l	0.44	1.4	1	8260B		5/10/2011	MJR	1
Toluene	< 0.53	ug/l	0.53	1.7	1	8260B		5/10/2011	MJR	1
1,2,4-Trichlorobenzene	< 1.5	ug/l	1.5	4.6	1	8260B		5/10/2011	MJR	1
1,2,3-Trichlorobenzene	< 1.3	ug/l	1.3	4.2	1	8260B		5/10/2011	MJR	1
1,1,1-Trichloroethane	< 0.85	ug/l	0.85	2.7	1	8260B		5/10/2011	MJR	1
1,1,2-Trichloroethane	< 0.47	ug/l	0.47	1.5	1	8260B		5/10/2011	MJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		5/10/2011	MJR	1
Trichlorofluoromethane	< 1.7	ug/l	1.7	5.3	1	8260B		5/10/2011	MJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.5	1	8260B		5/10/2011	MJR	1
1,3,5-Trimethylbenzene	< 0.74	ug/l	0.74	2.4	1	8260B		5/10/2011	MJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.56	1	8260B		5/10/2011	MJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B		5/10/2011	MJR	1
o-Xylene	< 0.8	ug/l	0.8	2.6	1	8260B		5/10/2011	MJR	1
SUR - Toluene-d8	95	REC %			1	8260B		5/10/2011	MJR	1
SUR - 1,2-Dichloroethane-d4	100	REC %			1	8260B		5/10/2011	MJR	1

Project Name COM 401 W. WISCONSIN AVE. **Invoice #** E22203
Project # 12422

Lab Code 5022203K
Sample ID EQUIP BLANK
Sample Matrix Water
Sample Date 5/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 4-Bromofluorobenzene	94	REC %			1	8260B		5/10/2011	MJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		5/10/2011	MJR	1

Lab Code 5022203L
Sample ID TB
Sample Matrix Water
Sample Date 5/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.5	ug/l	0.5	1.6	1	8260B		5/10/2011	MJR	1
Bromobenzene	< 0.74	ug/l	0.74	2.4	1	8260B		5/10/2011	MJR	1
Bromodichloromethane	< 0.68	ug/l	0.68	2.2	1	8260B		5/10/2011	MJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B		5/10/2011	MJR	1
tert-Butylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		5/10/2011	MJR	1
sec-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		5/10/2011	MJR	1
n-Butylbenzene	< 0.9	ug/l	0.9	2.9	1	8260B		5/10/2011	MJR	1
Carbon Tetrachloride	< 0.47	ug/l	0.47	1.5	1	8260B		5/10/2011	MJR	1
Chlorobenzene	< 0.51	ug/l	0.51	1.6	1	8260B		5/10/2011	MJR	1
Chloroethane	< 1.4	ug/l	1.4	4.5	1	8260B		5/10/2011	MJR	1
Chloroform	< 0.49	ug/l	0.49	1.5	1	8260B		5/10/2011	MJR	1
Chloromethane	< 1.9	ug/l	1.9	6.1	1	8260B		5/10/2011	MJR	1
2-Chlorotoluene	< 0.7	ug/l	0.7	2.2	1	8260B		5/10/2011	MJR	1
4-Chlorotoluene	< 0.44	ug/l	0.44	1.4	1	8260B		5/10/2011	MJR	1
1,2-Dibromo-3-chloropropane	< 2.8	ug/l	2.8	8.9	1	8260B		5/10/2011	MJR	1
Dibromochloromethane	< 0.55	ug/l	0.55	1.8	1	8260B		5/10/2011	MJR	1
1,4-Dichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		5/10/2011	MJR	1
1,3-Dichlorobenzene	< 0.87	ug/l	0.87	2.8	1	8260B		5/10/2011	MJR	1
1,2-Dichlorobenzene	< 0.76	ug/l	0.76	2.4	1	8260B		5/10/2011	MJR	1
Dichlorodifluoromethane	< 1.8	ug/l	1.8	5.9	1	8260B		5/10/2011	MJR	1
1,2-Dichloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		5/10/2011	MJR	1
1,1-Dichloroethane	< 0.98	ug/l	0.98	3.1	1	8260B		5/10/2011	MJR	1
1,1-Dichloroethene	< 0.6	ug/l	0.6	1.9	1	8260B		5/10/2011	MJR	1
cis-1,2-Dichloroethene	< 0.74	ug/l	0.74	2.4	1	8260B		5/10/2011	MJR	1
trans-1,2-Dichloroethene	< 0.79	ug/l	0.79	2.5	1	8260B		5/10/2011	MJR	1
1,2-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B		5/10/2011	MJR	1
2,2-Dichloropropane	< 1.9	ug/l	1.9	5.9	1	8260B		5/10/2011	MJR	1
1,3-Dichloropropane	< 0.71	ug/l	0.71	2.3	1	8260B		5/10/2011	MJR	1
Di-isopropyl ether	< 0.69	ug/l	0.69	2.2	1	8260B		5/10/2011	MJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		5/10/2011	MJR	1
Ethylbenzene	< 0.78	ug/l	0.78	2.5	1	8260B		5/10/2011	MJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	6.8	1	8260B		5/10/2011	MJR	1
Isopropylbenzene	< 0.92	ug/l	0.92	2.9	1	8260B		5/10/2011	MJR	1
p-Isopropyltoluene	< 0.92	ug/l	0.92	2.9	1	8260B		5/10/2011	MJR	1
Methylene chloride	< 1.1	ug/l	1.1	3.4	1	8260B		5/10/2011	MJR	1
Methyl tert-butyl ether (MTBE)	< 0.8	ug/l	0.8	2.5	1	8260B		5/10/2011	MJR	1
Naphthalene	< 2.1	ug/l	2.1	6.8	1	8260B		5/10/2011	MJR	1
n-Propylbenzene	< 0.59	ug/l	0.59	1.9	1	8260B		5/10/2011	MJR	1
1,1,2,2-Tetrachloroethane	< 0.53	ug/l	0.53	1.7	1	8260B		5/10/2011	MJR	1
1,1,1,2-Tetrachloroethane	< 1	ug/l	1	3.2	1	8260B		5/10/2011	MJR	1
Tetrachloroethene	< 0.44	ug/l	0.44	1.4	1	8260B		5/10/2011	MJR	1
Toluene	< 0.53	ug/l	0.53	1.7	1	8260B		5/10/2011	MJR	1

Project Name COM 401 W. WISCONSIN AVE. **Invoice #** E22203
Project # 12422

Lab Code 5022203L
Sample ID TB
Sample Matrix Water
Sample Date 5/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,4-Trichlorobenzene	< 1.5	ug/l	1.5	4.6	1	8260B		5/10/2011	MJR	1
1,2,3-Trichlorobenzene	< 1.3	ug/l	1.3	4.2	1	8260B		5/10/2011	MJR	1
1,1,1-Trichloroethane	< 0.85	ug/l	0.85	2.7	1	8260B		5/10/2011	MJR	1
1,1,2-Trichloroethane	< 0.47	ug/l	0.47	1.5	1	8260B		5/10/2011	MJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		5/10/2011	MJR	1
Trichlorofluoromethane	< 1.7	ug/l	1.7	5.3	1	8260B		5/10/2011	MJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.5	1	8260B		5/10/2011	MJR	1
1,3,5-Trimethylbenzene	< 0.74	ug/l	0.74	2.4	1	8260B		5/10/2011	MJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.56	1	8260B		5/10/2011	MJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B		5/10/2011	MJR	1
o-Xylene	< 0.8	ug/l	0.8	2.6	1	8260B		5/10/2011	MJR	1
SUR - Toluene-d8	98	REC %			1	8260B		5/10/2011	MJR	1
SUR - 1,2-Dichloroethane-d4	96	REC %			1	8260B		5/10/2011	MJR	1
SUR - 4-Bromofluorobenzene	100	REC %			1	8260B		5/10/2011	MJR	1
SUR - Dibromofluoromethane	99	REC %			1	8260B		5/10/2011	MJR	1

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

Code	*Comment*
1	Laboratory QC within limits.
4	The continuing calibration standard not within established limits.
8	Closing calibration standard not within established limits.

CWT denotes sub contract lab - Certification #445126660

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature Michael J. Ricker

CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, Inc.

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

Chain # № 218
Page 1 of 1

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

Lab I.D. #
Account No. :
Quote No.:
Project #: 12422
Sampler: (signature) David Dailey
Project (Name / Location): City of Milwaukee 401 W. Wisconsin Ave.

Reports To: Steve Meer	Invoice To:
Company Sigma Env.	Company
Address 1300 W. Canal St.	Address
City State Zip Milw. WI 53233	City State Zip
Phone 414-643-4200	Phone
FAX	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)	IRON	LEAD	NITRATE / NITRITE	PAH (EPA 8270)	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	VOC DW (EPA 524.2)	VOC (EPA 8260)	8-RCRA METALS	Diss. Cadmium	Diss. Arsenic								PID/ FID
5022203 A	MW-1	5-5-11	1:15		G		4	GW	HCL HNO3											X		X									
B	MW-2		12:01				4													X		X	X								
C	MW-3		11:30				4													X		X									
D	MW-4		1:45				4													X		X									
E	MW-5		1:30				4													X		X									
F	MW-6		2:00				4													X		X									
G	MW-7		11:00				5								X					X		X									
H	MW-8		10:00				4													X		X									
I	P2-1		10:30				4													X		X									
J/K/L	Dup./Equip/Trip						3/2/1													X											

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

** only the HNO_3 container is filtered

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
David Dailey	2:30 p	5-5-11			

Received in Laboratory By: [signature] Time: 12:15 Date: 5-8-11