SITE INVESTIGATION REPORT
1136 EAST NORTH AVENUE
MILWAUKEE, WISCONSIN

PREPARED FOR:

CITY OF MILWAUKEE – DEPARTMENT OF CITY DEVELOPMENT
809 NORTH BROADWAY
MILWAUKEE, WISCONSIN 53202

HD DEVELOPMENT
5852 NORTH SHORE DRIVE
MILWAUKEE, WISCONSIN 53217

PREPARED BY:

THE SIGMA GROUP
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PROJECT REFERENCE #12053

AUGUST 2011

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Senior Consultant

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Geosciences Group Manager

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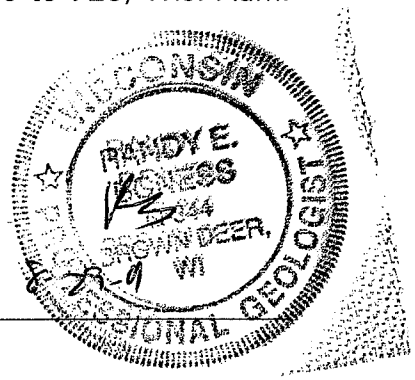
CERTIFICATIONS

"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

"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
Geosciences Group Leader

1. INTRODUCTION

Sigma Environmental Services, Inc. (Sigma) was retained by the City of Milwaukee to complete a Supplemental Phase II Environmental Site Assessment/Site Investigation for the property located at 1136 E. North Avenue, Milwaukee, Wisconsin (hereinafter the "Site"). Sigma has prepared this Site Investigation Report (SI) in general accordance with Wisconsin Administrative Code (WAC) Chapters NR 700 through NR 724 requirements. This SI & RAP includes background information about the project site and site investigation findings. Sigma and the City of Milwaukee are seeking the Wisconsin Department of Natural Resources' (WDNR's) review and approval of this SI.

2. BACKGROUND INFORMATION

2.1 Project Location. The site is located in the southwest ¼ of the southeast ¼ of Section 16, Town 7 North, Range 22 East in the City of Milwaukee, Milawukee Count as shown in **Figure 1**. The subject property consists of an approximate 1.42-acre parcel located at 1136 East North Avenue in the City of Milwaukee, Milwaukee County, Wisconsin. A legal description and GIS Image of the subject property parcel, obtained from Milwaukee County, are included in **Appendix A** of this report. The subject property location is presented on **Figures 1 and 2.**

2.2 Project Team. The following parties involved in this project include:

Property Owner:

City of Milwaukee
809 N. Broadway
Milwaukee, WI 53202
Contact: Ms. Karen Dettmer, P.E.

Developer:

HD Development
5852 North Shore Drive
Milwaukee, WI 53217
Telephone: (414) 232-6500
Contact: Mr. Todd Davies

Environmental Consultant:

Sigma Environmental Services, Inc.
1300 West Canal Street
Milwaukee, WI 53233
Telephone: (414) 643-4132
Contact: Mr. Joshua Neudorfer

2.3 Historical Operations. Historical occupants of the subject property included Tews Lime & Cement Company, Western Brick Company, Ricketson & Schwartz Inc (brick) and City of Milwaukee Sanitation Bureau.

A review of aerial photographs indicated that structures were present on the 1136 parcel in the 1937 through 1969 photographs. The 1979 through 2008 photographs depicts the parcel as mainly undeveloped with one structure remaining on the north end of the 1136 parcel. Railroad tracks are present on the east side of the property in the 1937 through 1969 photographs. The railroad tracks appear to be abandoned in the 1979 photograph.

The Wisconsin Ice & Coal Bulk Plant was formerly located on the adjacent property to the east of the site (2340 North Commerce Street, also known as 1194 East North Avenue). The 1194 East North Avenue site (BRRTS# 03-41-544964) has been redeveloped as student housing associated with the University of Wisconsin-Milwaukee and received case closure from the WDNR in 2008.

2.4 **Current Property Conditions.** The site is currently vacant with a single story concrete block garage building. The site is currently covered with a mixture of vegetation, grass, gravel, asphalt pavement and concrete pavement. Based on the information obtained from site surveys completed to date, the elevation of the site slopes from approximately 660 feet MSL on the west to approximately 644 feet MSL on the east.

2.5 **Phase I Environmental Site Assessment.** Sigma completed a Phase I ESA that included the subject property in July 2011. A copy of the text portion of the Phase I ESA is included as **Appendix B**. The Phase I identified the following Recognized Environmental Conditions (RECs) associated with the subject property:

- The subject property was identified as a registered Underground Storage Tank (UST) site with an 800-gallon leaded gasoline UST and a 500-gallon waste motor oil UST closed/removed on July 11, 1990. An EDR UST database review performed for the Phase I completed in 2006 by Earth Tech indicated that four USTs were located and removed from the property. A 500-gallon waste oil tank and two 800-gallon leaded gasoline tanks closed/removed on July 11, 1990 and a 500-gallon tank closed/removed on August 2, 1990. No further information regarding the tank closures was available. The subject property could have been negatively impacted by a release from the UST systems.

- A review of City of Milwaukee building inspection records indicated that a 10,000-gallon oil tank was installed at the subject property in 1960. It appears that the tank was removed in 1972; however, the removal could not be confirmed. Closure assessment information from the tank removal was not available; therefore, a release from the UST system could have negatively impacted the subject property.

- Mr. Todd Davies, owner of the 1132 and 1164 East North Avenue parcels (adjacent to the subejct property), reported that the 1164 East North Avenue

property is required to comply with a soils management plan that was approved for the adjacent property (1194 East North Avenue).

- A Phase I report prepared by Earth Tech in 2006 for the subject property identified "a large volume of reportedly contaminated soil" was covered and stockpiled on the subject property. The stockpiled soil was not evident during the site visit conducted by Sigma; however, it appeared that a grassy area on the northwest corner of the property was not natural to the site. The contaminated soil that was stockpiled on the property could have negatively impacted the subject property.

- Historical records indicate a railroad spur was present along the eastern property boundary. Contamination associated with historical loading and unloading practices is common along railroad spurs. The subject property could have been negatively impacted by a release along the railroad spur.

- Historical records indicate a pit for holding unidentified products was present near the former railroad tracks. Additionally, the subject property was historically occupied by the Tews Lime and Cement Company and the City of Milwaukee Sanitation Bureau. Historical activities performed at the subject property could have negatively impacted the subject property.

3. SITE INVESTIGATION RESULTS

3.1 Previous Environmental Site Assessments.

EDS Environmental Investigation. In April 2006, initial Phase II site assessment activities were completed at the subject property by Environmental & Development Solutions, Inc. (EDS). The activities were completed to evaluate RECs associated with the site identified in a Phase I Environmental Site Assessment (ESA) completed by EDS. EDS's activities included the completion of seven soil probe borings (P-1 through P-7) and the installation of four temporary groundwater monitoring wells to collect grab groundwater samples at the site. The approximate locations of EDS's soil borings are illustrated on **Figure 3.**

Based on the soil borings completed by EDS, the subsurface lithology at the site consists of a surficial layer of fill soils underlain by native silts, sands, and clays. In general, fill soils extended to depths ranging between 2 to 3 feet below ground surface. Fill material consisted of a mixture of silty clay, fine to medium sand, and gravel with traces of rock fragments.

One soil sample from each of EDS's soil borings was submitted for laboratory analysis of volatile organic compounds (VOCs), polynuclear aromatic hydrocarbons (PAHs), and RCRA metals. Soil samples from three of EDS's soil borings were also submitted for laboratory analysis of diesel range organics (DRO). Soil samples submitted for laboratory analysis were collected from within the limits of fill material as identified by STS, with the exception of the soil samples submitted from soil borings P-4 and P-6. Review of the laboratory analytical results indicates the following:

- Naphthalene was reported at concentrations greater than the ch. NR 720

Residual Contaminant Levels (RCL) within the soil samples collected from soil borings P-1 (0 to 2 feet bgs), P-2 (0 to 2 feet bgs), and P-4 (4 to 6 feet bgs);

- DRO was reported at concentrations greater than the generic ch. NR 720 RCL within the soil samples collected from soil borings P-2 (0 to 2 feet bgs) and P-4 (4 to 6 feet bgs);

- One or more PAH constituents were reported at concentrations greater than generic RCLs for direct contact at a non-industrial site within the soil samples collected from borings P-1, P-2, P-3, P-4, P-6, and P-7. Concentrations of one or more PAH constituents greater than generic RCLs for groundwater protection were also reported within soil samples collected from borings P-1, P-2, and P-4;

- Arsenic was reported at concentrations greater than the generic RCL for direct contact at non-industrial sites within all soil samples submitted for laboratory analysis, however, the reported arsenic concentrations were less than 10 mg/kg and within the range typically encountered at urban sites in southeastern Wisconsin; and

- Lead was reported at a concentration greater than the non-industrial direct contact RCL within the soil sample collected from boring P-1.

Analytical results generally indicate that subsurface impacts may pose a risk through the direct contact pathway. In addition, the migration to groundwater of naphthalene and select PAH constituents is also a potential concern.

EDS was able to collect grab groundwater samples from two of the temporary groundwater monitoring well locations (W-2 and W-4) for laboratory analysis of VOCs and was able to collect grab groundwater samples for laboratory analysis of PAHs, arsenic, chromium, and lead at one of the temporary well locations (W-4). Review of the laboratory analytical results for EDS's groundwater samples indicates the following:

- Naphthalene was reported at concentrations greater than laboratory method detection limits but less than the applicable ch. NR 140 Preventive Action Limit (PAL) within the grab groundwater samples collected from W-2 and W-4;

- Concentrations of benzo(b)flouranthene, benzo(a)pyrene, and chrysene were reported greater than ch. NR 140 Enforcement Standards (ESs) and concentrations of fluoranthene, naphthalene and pyrene were reported greater than ch. NR 140 PALs within the grab groundwater sample collected from W-4; and

- Lead was reported at a concentration greater than the ch. NR 140 PAL within the grab groundwater sample collected from W-4.

Review of the grab groundwater sampling results indicates that several PAH constituents and lead were reported at concentrations greater than ch. NR 140 ESs

or PALs within the grab groundwater sample collected from well W-4. As the groundwater samples were collected from temporary groundwater monitoring points that did not include appropriate filter pack and were likely not developed prior to sampling, the analytical results are compared to ch. NR 140 levels for screening purposes only. .

A copy of the tables summarizing the soil and groundwater analytical results from EDS's investigation, along with soil boring logs and laboratory analytical reports, are included as **Appendix C**.

3.2 **2011 Site Investigation Activities by Sigma.** HD Development is currently planning to redevelop the site beginning in 2012 as a four story residential building with lower level parking and space for commercial occupation within the lower level as well. The proposed site plan is included as **Appendix D**.

Sigma was retained by the City of Milwaukee to complete Phase II ESA/SI activities based on the proposed redevelopment plan and the RECs identified in the Phase I ESA.

Magnetometer Survey. On July 14, 2011, Sigma completed a magnetometer survey of the subject property using a cesium gradiometer. East-west and north-south transects of the site were completed using a 10-foot gridline spacing. The magnetometer survey was completed in an attempt to identify any potential USTs remaining at the subject property.

The magnetometer identified three magnetic anomalies that were consistent in both the north-south and east-west transects. Results of the magnetometer survey were used to determine soil boring locations to be completed as part of the Phase II scope of work.

Soil Boring/ Well Installation. On July 28 and 29, 2010 Sigma oversaw the installation of four hollow-stem augur soil borings (B-1, B-4, B-8, and B-9) and six Geoprobe soil borings (B-11, B-12, GP-1, GP-2, GP-3, and GP-4) at the subject property. Soil boring locations are illustrated on **Figure 3**. The hollow stem auger soil borings were completed to depths between 20 to 30 feet bgs and the Geoprobe soil borings were completed to depths of 12 feet bgs.

Soil boring locations were selected with the following criteria in mind:

- evaluate RECs identified during the recent Phase I ESA;
- evaluate anomalies identified during the magnetometer survey; and
- evaluate potential "cut" areas associated with the proposed site redevelopment to determine appropriate management options for the excavated material.

Specifically, soil borings B-1, B-4, B-8, and B-9 were completed at locations to evaluate general site conditions and potential impacts associated with historic RECs including the presence of USTs and activities associated with the former railroad spur. Soil boring GP-4 was completed within the suspected location of the former 10,000-gallon UST described in the Phase I ESA report. Soil boring B-12 was completed within the area of the non-native soil pile identified in the Phase I ESA report. Soil borings GP-1, GP-2, and GP-3 were completed at locations of magnetic anomalies identified during the magnetometer survey completed by Sigma. Soil borings B-8, B-9 and B-11 were completed within potential "cut" areas associated with the proposed site redevelopment.

Soil samples were continuously collected from hollow stem auger soil borings using a standard split-spoon sampler and were collected from the Geoprobe soil borings with a two-inch diameter by four-foot long Macro-Core® sampler and described on the basis of grain size, color, stiffness and/or density, and other salient characteristics, and were classified in general accordance with the Unified Soil Classification System (USCS). A split portion of each soil sample was also screened in the field with a portable photoionization detector (PID) to screen for the presence of volatile organic compound vapors. Soil boring logs detailing this and other information were subsequently prepared for each soil boring and are included in **Appendix E.** One to two soil samples from each boring were preserved and containerized for submittal to the analytical laboratory for one or more of the following: VOCs, PAHs, RCRA metals or lead.

Following borehole completion, ch. NR 141 groundwater monitoring wells were installed at soil borings B-1 and B-8. The wells included a ten-foot length of 2-inch diameter schedule 40 PVC screen connected to an appropriate length of sch. 40 PVC riser pipe. Monitoring well construction forms are included in **Appendix F.** Groundwater monitoring wells were not installed at soil borings B-4 and B-9 as saturated conditions were not encountered during soil boring completion. Soil borings B-4 and B-9, along with the six Geoprobe soil borings, were abandoned in accordance with ch. NR 141 using bentonite chips. Borehole abandonment forms are also included in **Appendix F.**

Groundwater Sampling. The monitoring well installed at soil boring B-1 was developed in accordance with ch. NR 141 on August 3, 2011. Groundwater samples were collected from monitoring well MW-1 on August 5, 2011 and submitted for laboratory analysis of VOCs, PAHs, and dissolved RCRA metals. The monitoring well installed at soil boring B-8 has remained dry since installation.

Soil Gas Sampling. Soil gas sampling activities have not been completed at the site. The observed fill material does not contain putrescible wastes or high levels of organic material capable of producing methane gas during decomposition. Based on the inert nature of the fill material identified to date, subsurface methane generation is not a concern and soil gas sampling is not warranted.

3.3 Site Investigation Results.

Site Geology. The subsurface lithology at the site consists of a surficial layer of fill soils underlain by native clays, silts, and sands. In general, fill soils extend to depths

ranging between 8 to 12 feet below ground surface. Fill material consists of a mixture of silty clays/clayey silts with varying amounts of sand and gravel, silty sands, sands, and gravel mixtures. Traces of brick fragments and cinders were also observed within the fill at select boring locations.

Detailed information on the subsurface materials encountered during Sigma's Phase II/SI soil boring activities are presented on the Soil Boring Logs included in **Appendix E.**

Site Hydrogeology. Two groundwater monitoring wells (MW-1 and MW-2) were installed at soil borings B-1 and B-8, respectively, during Sigma's Phase II/SI investigation activities. As discussed above, monitoring well MW-2 has remained dry since installation, with a well bottom of approximately 25 feet bgs. It should also be noted that saturated conditions were not observed within soil borings B-4 and B-9 (each completed to a depth of 30 feet bgs) during soil boring completion. During groundwater sampling of well MW-1 on August 5, 2011, the static water level measured in monitoring well MW-1 was approximately 10 feet bgs.

Based on the variability in soil moisture contents across the site, the water located within well MW-1 is likely perched. Actual groundwater is likely located at a greater depth based on the location of the Milwaukee River to the east of the subject site.

Soil Analytical Results. Soil analytical results from Sigma's Phase II/SI sampling are summarized in **Table 1**. The laboratory analytical report is included as **Appendix G**. Review of the laboratory analytical results indicates the following:

- VOCs were not reported at concentrations greater than laboratory method detection limits with the exception of the soil sample collected from soil boring B-9 (2 to 4 feet bgs) which contained a reported naphthalene concentration of 120 μg/kg. The reported naphthalene concentration was flagged by the analytical laboratory as being between the limit of detection and limit of quantitation.

- Select PAH constituents were reported at concentrations greater than applicable generic RCLs for the direct contact pathway at a non-industrial site within soil samples collected from soil borings B-9, B-11, and B-12.

- Arsenic was reported at a concentration greater than the generic RCL for the direct contact pathway at a non-industrial site but at a concentration typical of background for sites in southeastern Wisconsin.

- Lead was reported at concentrations greater than the applicable generic RCL for the direct contact pathway at a non-industrial site within the soil samples collected from soil borings B-8 and B-9.

Based on the additional soil analytical data collected during Sigma's Phase II/SI sampling activities, the site does not appear to have been significantly impacted by historic RECs identified during the Phase I ESA. Concentrations of select PAH constituents and lead greater than applicable generic RCLs for the direct contact

pathway have been identified at sporadic locations at the site and are likely associated with the presence of fill material.

Groundwater Analytical Results. Groundwater analytical results are summarized in **Table 2**. The laboratory analytical report is included as **Appendix H**. Review of the analytical results of the groundwater sample collected from monitoring well MW-1 indicates that VOCs were not reported greater than laboratory method detection limits and PAH constituents were not reported at concentrations greater than applicable ch. NR 140 PALs. Cadmium was reported at a concentration greater than the ch. NR 140 PAL with no other dissolved RCRA metal concentrations exceeding applicable ch. NR 140 PALs. Based on the analytical results, historic RECs and identified PAH and lead concentrations within shallow fill material at the site have not significantly impacted groundwater beneath the site.

3.4 Site Investigation Results Discussion. Results of completed site investigation activities are summarized as follows:

- Subsurface lithology at the site consists of a surficial layer of fill soils underlain by native silts, sands, and clays. In general, fill soils extended to depths ranging between 8 to 12 feet below ground surface. Fill material consisted of a mixture of reworked silts and clays, sands, and sandy silt with traces of brick fragments and cinders at select boring locations.

- Perched groundwater was identified at a depth of approximately 10 feet bgs at monitoring well MW-1. Shallow groundwater appears to be located at depths greater than 30 feet bgs.

- Naphthalene was reported at concentrations greater than ch. NR 720 RCLs for the protection of groundwater pathway within the soil samples collected from EDS soil borings P-1, P-2, and P-4. DRO was also reported at concentrations greater than the ch. NR 720 RCL within the soil samples collected from EDS soil borings P-2 and P-4. The reported naphthalene and DRO concentrations appear to be associated with shallow fill material at the site.

- One or more PAH constituents were reported at concentrations greater than the generic RCL for direct contact at a non-industrial site within the soil samples collected from EDS soil borings P-1 through P-4, P-6 and P-7, and from Sigma soil borings B-9, B-11, and B-12. The reported PAH concentrations appear to be associated with shallow fill material identified at the site.

- Arsenic was reported at concentrations greater than the generic RCL for direct contact at non-industrial site within all soil samples submitted for laboratory analysis of RCRA metals, however, the reported arsenic concentrations were less than 10 mg/kg and within the background range typically encountered at urban sites in southeastern Wisconsin.

- Concentrations of lead greater than the non-industrial direct contact RCL

were reported within soil samples collected from EDS borings P-1 and Sigma soil borings B-8 and B-9. The elevated lead concentrations appear to be associated with shallow fill material present at the site.

- Grab groundwater samples collected from the site by EDS in 2006 contained reported concentrations of select PAH constituents (benzo(b)fluoranthene, benzo(a)pyrene, and chrysene) greater than ch. NR 140 ESs and select PAH constituents and lead greater than ch. NR 140 PALs. The grab groundwater samples were collected from temporary groundwater monitoring wells and were collected for screening purposes only.

- The groundwater sample collected from MW-1 during Sigma's Phase II activities contained a reported concentration of cadmium greater than the ch. NR 140 PAL. No VOC or PAH constituents were reported at concentrations greater than applicable ch. NR 140 PALs.

Based on the information provided in the Phase I ESA, a release was previously reported for the subject property associated with former USTs removed from the site in 1990. The WDNR issued case closure for the release associated with the former USTs in 1992. No impacts associated with the former USTs were identified during the Phase II/SI activities completed by Sigma.

The apparently non-native soil pile identified in the Phase I ESA was characterized by Sigma's soil boring B-12. Based on the analytical results, the non-native soil pile contains elevated concentrations of select PAH constituents that are typical of fill material present at other areas of the site.

Based on the presence, nature, and extent of fill material observed at the site and the nature of the subsurface impacts, the identified PAH and lead impacts appear to be associated with fill material present at the site and not with a specific "release". Nevertheless, a release has been reported for the subject site in order to enter the ch NR 700-726 tracking process and achieve closure under ch NR 726 for identified impacts at the site.

The naphthalene impact identified during EDS's previous investigation activities appears to be limited to shallow fill/soil material. The identified naphthalene concentrations within fill/soil material have not significantly impacted shallow groundwater beneath the site. Based on the degree and extent of naphthalene impacts identified to date, the residual naphthalene impacts are not expected to pose a vapor intrusion risk to the proposed redevelopment.

PAH and lead concentrations greater than RCLs for the residential direct contact pathway appear to be more widespread across the site and also associated with fill material.

Although concentrations of naphthalene and select PAH constituents were identified greater than protection of groundwater RCLs in soil samples collected by EDS, naphthalene was not detected greater than ch. NR 140 ESs within groundwater samples collected from the site. The risk posed by potential

groundwater impact of other PAH constituents is low – there are currently no standards for benzo(a)anthracene, acenapthene, 2-methylnaphthalene or phenanthrene in groundwater under ch NR 140. Cadmium has been reported within groundwater samples collected at the site at concentrations greater than the ch. NR 140 PAL but below the ES. In addition, potential risk to human health via migration to groundwater for the site is very low as the City of Milwaukee supplies residents with treated water originating in Lake Michigan.

Therefore, the primary risk to human health and the environment at the site is the direct contact risk associated with PAH and lead impacts associated with fill material at the site. Despite the presence of VOC and PAH concentrations greater than protection of groundwater RCLs, perched groundwater beneath the site has not been impacted at concentrations greater than ch. NR 140 ESs within groundwater samples collected from ch. NR 141-compliant monitoring wells and no further action with respect to groundwater is warranted.

Based on the site investigation activities completed to date, the degree and extent of soil and groundwater contamination have been defined to the extent necessary to determine a remedial action strategy for the site.

4. RECOMMENDATIONS

Sigma recommends that the completed site investigation activities and be approved by the WDNR as presented in this SI. A remedial action plan for the 1136 E. North Avenue property and adjacent properties associated with the proposed redevelopment will be presented to the WDNR under separate cover. The remedial action plan will include the placement of engineered barriers across the site to prevent direct contact with underlying impacted soils. Additional details will be included in the Remedial Action Plan (RAP). Sigma and the City of Milwaukee respectfully request the WDNR provide a written approval of the site investigation report as complete.

TABLES

Table 1
Soil Quality Results
1150 E. North Avenue, Milwaukee, WI
Sigma Project No. 12053

Soil Sample Location:		B-1	B-4	B-4	B-8	B-9	B-9	B-11	B-11	B-12	GP-1	GP-4	GW RCLs [4]	DC RCLs for Non-Industrial Soil [5]	PRG for Residential Soil [6]	SSL [7]
Sample Depth (feet bgs):		4-6	2-4	18-20	2-4	2-4	8-10	0-2	6-8	0-10	2-4	8-10				
	Date:	07/28/11	07/28/11	07/29/11	07/29/11	07/29/11	07/29/11	07/29/11	07/29/11	07/29/11	07/29/11	07/29/11				
Organic Vapor Monitor Reading	ppm	0	5	0	0	0	0	1.4	1.4	1.4	1.4	1.4	NS	NS	NS	NS
PVOCs & Detected VOCs																
Naphthalene	µg/kg	<107	<107	<107	<107	120 "J"	<107	<107	<107	<107	<107	<107	NS	2,700 / NS	56,000	84,000
PAHs																
Acenaphthene	µg/kg	<9.7	<9.7	<9.7	13.2 "J"	99	<9.7	10.9 "J"	<9.7	145	<9.7	<9.7	38,000	9,000,000	---	---
Acenaphthylene	µg/kg	<8.4	<8.4	<8.4	<8.4	72	<8.4	17.7 "J"	<8.4	26.4 "J"	<8.4	<8.4	700	180,000	---	---
Anthracene	µg/kg	49	<10.2	<10.2	47	550	17.1 "J"	80	20.5 "J"	450	<10.2	11.9 "J"	3,000,000	50,000,000	---	---
Benzo(a)anthracene	µg/kg	69	<14.6	<14.6	96	**[1,470]**	43 "J"	244	81	820	<14.6	25.2 "J"	17,000	880	---	---
Benzo(a)pyrene	µg/kg	41 "J"	<16.6	<16.6	67	**[1,370]**	35 "J"	**[213]**	74	**[720]**	<16.6	<16.6	48,000	88.0	---	---
Benzo(b)fluoranthene	µg/kg	85	<16.7	<16.7	103	**[1,960]**	56	320	127	**[1,010]**	<16.7	29.2 "J"	360,000	880	---	---
Benzo(ghi)perylene	µg/kg	36	<8.2	<8.2	54	950	27	162	66	500	<8.2	<8.2	6,800,000	18,000	---	---
Benzo(k)fluoranthene	µg/kg	32 "J"	<16.1	<16.1	38 "J"	720	20.7 "J"	122	47 "J"	400	<16.1	<16.1	870,000	8,800	---	---
Chrysene	µg/kg	66	13.7 "J"	<9.2	84	1,240	41	254	91	680	<9.2	24.6 "J"	37,000	88,000	---	---
Dibenzo(a,h)anthracene	µg/kg	<10.5	<10.5	<10.5	<10.5	**[183]**	<10.5	29 "J"	<10.5	**[98]**	<10.5	<10.5	38,000	88.0	---	---
Fluoranthene	µg/kg	200	22.3 "J"	<9.8	211	2,740	81	510	167	1,720	<9.8	66	500,000	6,000,000	---	---
Fluorene	µg/kg	11 "J"	<10.7	<10.7	11.5 "J"	126	<10.7	12.6 "J"	<10.7	160	<10.7	<10.7	100,000	6,000,000	---	---
Indeno(1,2,3-cd)pyrene	µg/kg	27.6 "J"	<9.5	<9.5	37	770	21.9 "J"	123	49	410	<9.5	<9.5	680,000	880	---	---
1-Methylnaphthalene	µg/kg	<17.9	<17.9	<17.9	<17.9	56 "J"	<17.9	<17.9	<17.9	94	<17.9	<17.9	23,000	11,000,000	---	---
2-Methylnaphthalene	µg/kg	<9.6	<9.6	<9.6	11 "J"	67	<9.6	<9.6	<9.6	142	<9.6	<9.6	20,000	6,000,000	---	---
Naphthalene	µg/kg	<10.8	<10.8	<10.8	<10.8	74	<10.8	<10.8	32 "J"	94	<10.8	<10.8	400	200,000	---	---
Phenanthrene	µg/kg	96	16 "J"	<9.8	138	1,320	46	298	67	1,280	<9.8	22.2 "J"	1,800	180,000	---	---
Pyrene	µg/kg	156	21 "J"	<9.5	179	2,360	73	500	149	1,460	<9.5	54	8,700,000	5,000,000	---	---
Metals																
Arsenic	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	**[2.3 J]**	NA	NA				
Barium	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	45.7	NA	NA				
Cadmium	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.08	NA	NA				
Chromium	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	11.7	NA	NA				
Lead	mg/kg	2	3.8	NA	**[307]**	**[716]**	41.8	39.2	25.1	9.48	5	3.5		50	400	NS
Mercury	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	0.019	NA	NA				
Selenium	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<3.5	NA	NA				
Silver	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<1.7	NA	NA				

Notes:

1. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)
2. mg/kg = milligrams per kilogram (equivalent to parts per million, ppm)
3. NA = not analyzed
4. GW RCLs = Groundwater Residual Contaminant Levels based on the following:
   For petroleum hydrocarbons, GW RCLs based on Wisconsin Administrative Code, Chapter NR 720.09 generic Residual Contaminant Level for protection of groundwater.
   For PAHs, GW RCLs based on interim guidance RCL for protection of groundwater pathway from PAH compounds, from WDNR publication RR-519-97 *"Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance"* (April 1997)
5. DC RCLs for Non-Industrial Soil = Direct Contact Residual Contaminant Levels based on the following:
   For petroleum hydrocarbons, DC RCLs based on Wisconsin Administrative Code, Chapter NR 746.06 Table 1 ("Indicators of Residual Petroleum Product in Soil Pores") soil screening levels / Table 2 ("Protection of Human Health from Direct Contact with Contaminated Soil") concentrations.
   For PAHs, DC RCLs based on interim guidance RCL for protection of direct contact with PAH compounds for non-industrial land use, from WDNR publication RR-519-97 *"Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance"* (April 1997), target risk of 1×10^{-6} used per NR 720.19(5)(a).
   For metals, DC RCLs based on Wisconsin Administrative Code, Chapter NR 720.11 generic Residual Contaminant Level for protection of direct contact for non-industrial land use
6. PRG for Residential Soil = US EPA Region IX Preliminary Remediation Goal for residential soil (October 2004) to use as a guideline to evaluate the direct contact exposure pathway
7. SSL = US EPA Region IX Soil Screening Level for protection of groundwater with a dilution-attenuation factor of 20 (October 2004)-- provided as a guideline to evaluate soil
8. --- = PRG and SSL not provided for PAHs because complete list of WDNR interim guidance standards exists for the PAH compounds
9. NS = no standard established
10. Laboratory flags: "J" = Analyte detected between Limit of Detection and Limit of Quantitation
11. Exceedances: **box** = Concentration exceeds GW RCL
    [brackets] = Concentration exceeds DC RCL for Non-Industrial Soil (note that soil is located within 4 feet of the ground surface)
    underline = Concentration exceeds DC RCL for Non-Industrial Soil (note that soil is located deeper than 4 feet of the ground surface)

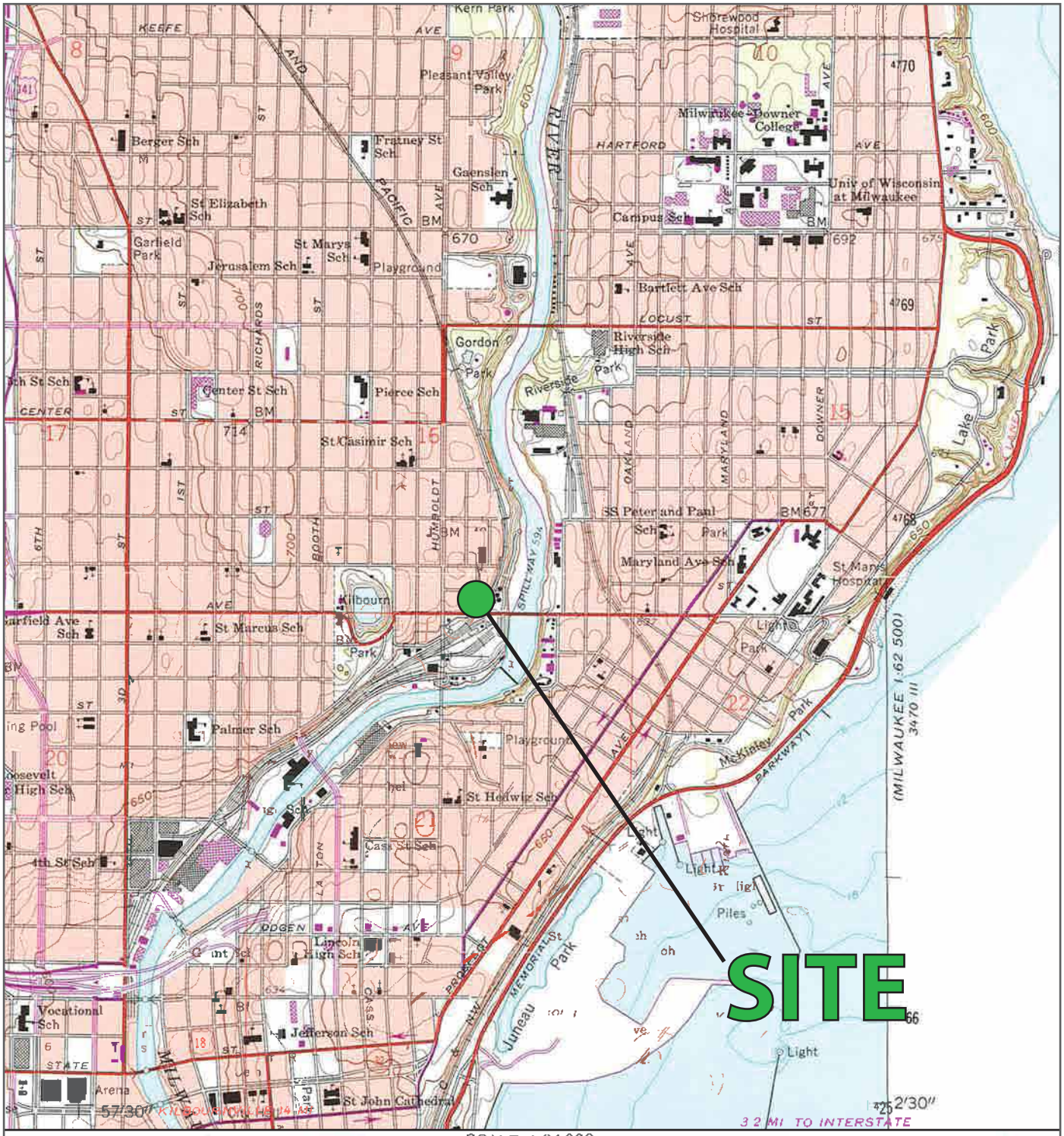
Table 2
Groundwater Quality Results -1150 E. North Avenue

Sigma Project No. 12053

Well ID:		MW-1					NR 140	NR 140
Analytes	Date	08/05/11					**ES**	**PAL**
RCRA Metals - Soluble								
Arsenic	µg/L	<5.4					10	1
Barium	µg/L	130					2,000	400
Cadmium	µg/L	**1.3**					5	0.5
Chromium	µg/L	<1.7					100	10
Lead	µg/L	<1.8					15	1.5
Mercury	µg/L	<0.017					2	0.2
Selenium	µg/L	<6.3					50	10
Silver	µg/L	<3.3					50	10
PVOCs/Detected VOCs								
Benzene	µg/L	<0.5					5	0.5
1,2-Dichloroethane	µg/L	<0.5					6	0.6
Ethylbenzene	µg/L	<0.78					700	140
Isopropylbenzene	µg/L	<0.92					NS	NS
Methyl-tert-butyl-ether	µg/L	<0.8					60	12
Naphthalene	µg/L	<2.1					100	10
n-Propylbenzene	µg/L	<0.59					NS	NS
Toluene	µg/L	<0.53					1,000	200
1,1,1-Trichloroethane	µg/L	<0.85					200	40
Trichloroethene	µg/L	<0.47					5	0.5
1,2,4-Trimethylbenzene	µg/L	<0.8					NS	NS
1,3,5-Trimethylbenzene	µg/L	<0.74					NS	NS
Total Trimethylbenzene	µg/L	<1.54					480	96
Vinyl Chloride	µg/L	<0.18					0.2	0.02
Xylenes, Total	µg/L	<1.9					10,000	1,000
PAHs								
Acenaphthene	µg/L	0.83					NS	NS
Acenaphthylene	µg/L	<0.014					NS	NS
Anthracene	µg/L	0.26					3000	600
Benz(a)anthracene	µg/L	0.028 "J"					NS	NS
Benzo(b)fluoranthene	µg/L	<0.013					0.2	0.02
Benzo(k)fluoranthene	µg/L	<0.015					NS	NS
Benzo(a)pyrene	µg/L	<0.011					0.2	0.02
Benzo(ghi)perylene	µg/L	<0.015					NS	NS
Chrysene	µg/L	0.014 "J"					0.2	0.02
Dibenz(a,h)anthracene	µg/L	<0.016					NS	NS
Fluoranthene	µg/L	0.25					400	80
Fluorene	µg/L	0.49					400	80
Indeno(1,2,3-cd)pyrene	µg/L	<0.015					NS	NS
1-Methylnaphthalene	µg/L	0.08					NS	NS
2-Methylnaphthalene	µg/L	0.08					NS	NS
Naphthalene	µg/L	0.12					40	8
Phenanthrene	µg/L	0.92					NS	NS
Pyrene	µg/L	0.19					250	50

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

FIGURES



SITE IS LOCATED IN THE S.E. 1/4 OF SECTION 16, TOWNSHIP 7 NORTH, RANGE 22 EAST. FIGURE BASED ON USGS "MILWAUKEE, WIS." 7.5'TOPOGRAPHIC QUADRANGLE DATED 1958, PHOTOREVISED 1971.

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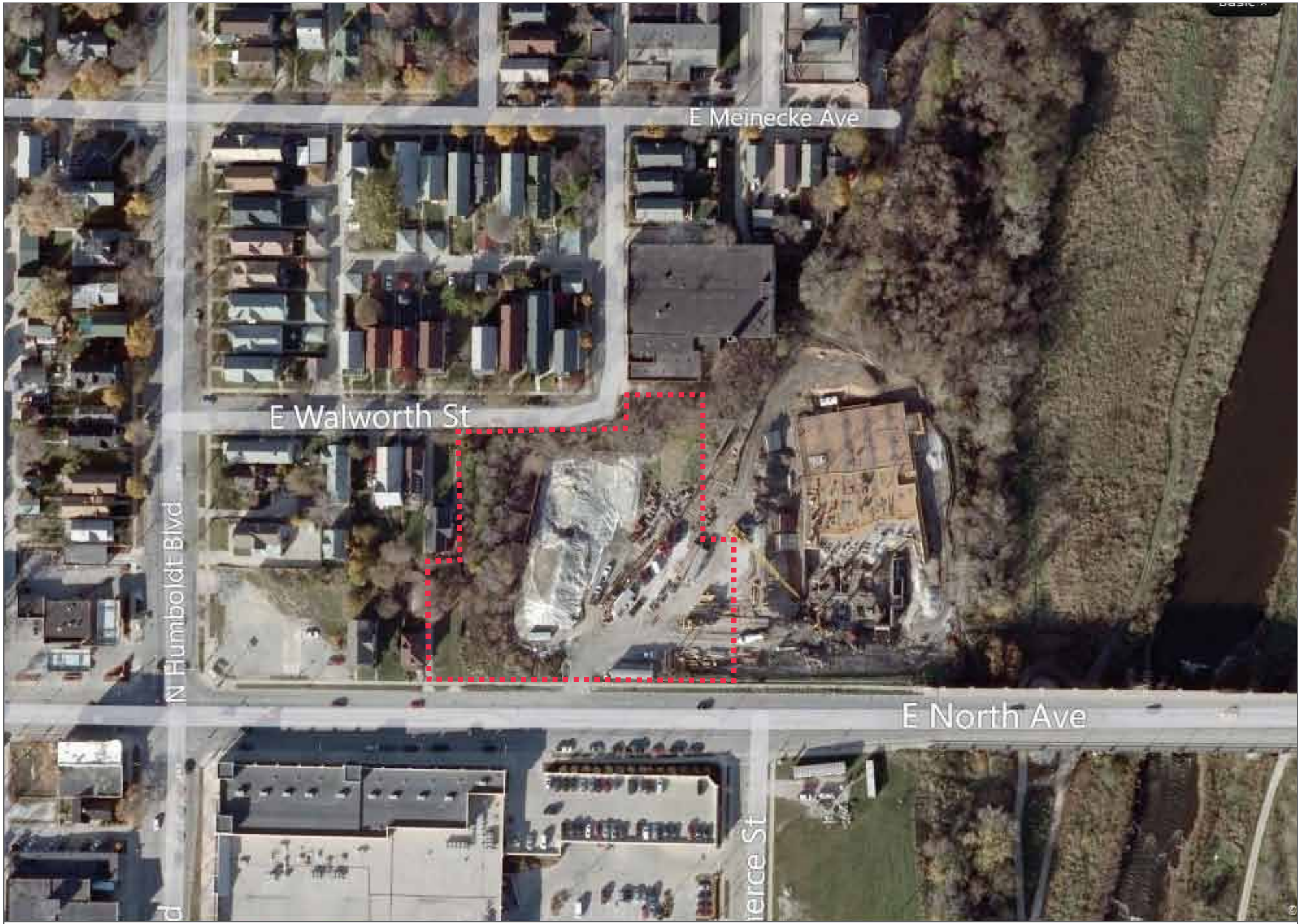
SITE LOCATION MAP

1132 - 1164 East North Avenue, Milwaukee, Wisconsin

FIGURE 1

Project: 12053
Directory: I:\SD\Active\12053\03 CADD\Environmental
Filename: 12053 SLM Figures 07-13-2011.ai
Created By: ERS
Date: 07/13/2011
Plot File: 12053 SLM Figures 07-13-2011.pdf



APPROXIMATE PROPERTY BOUNDARIES

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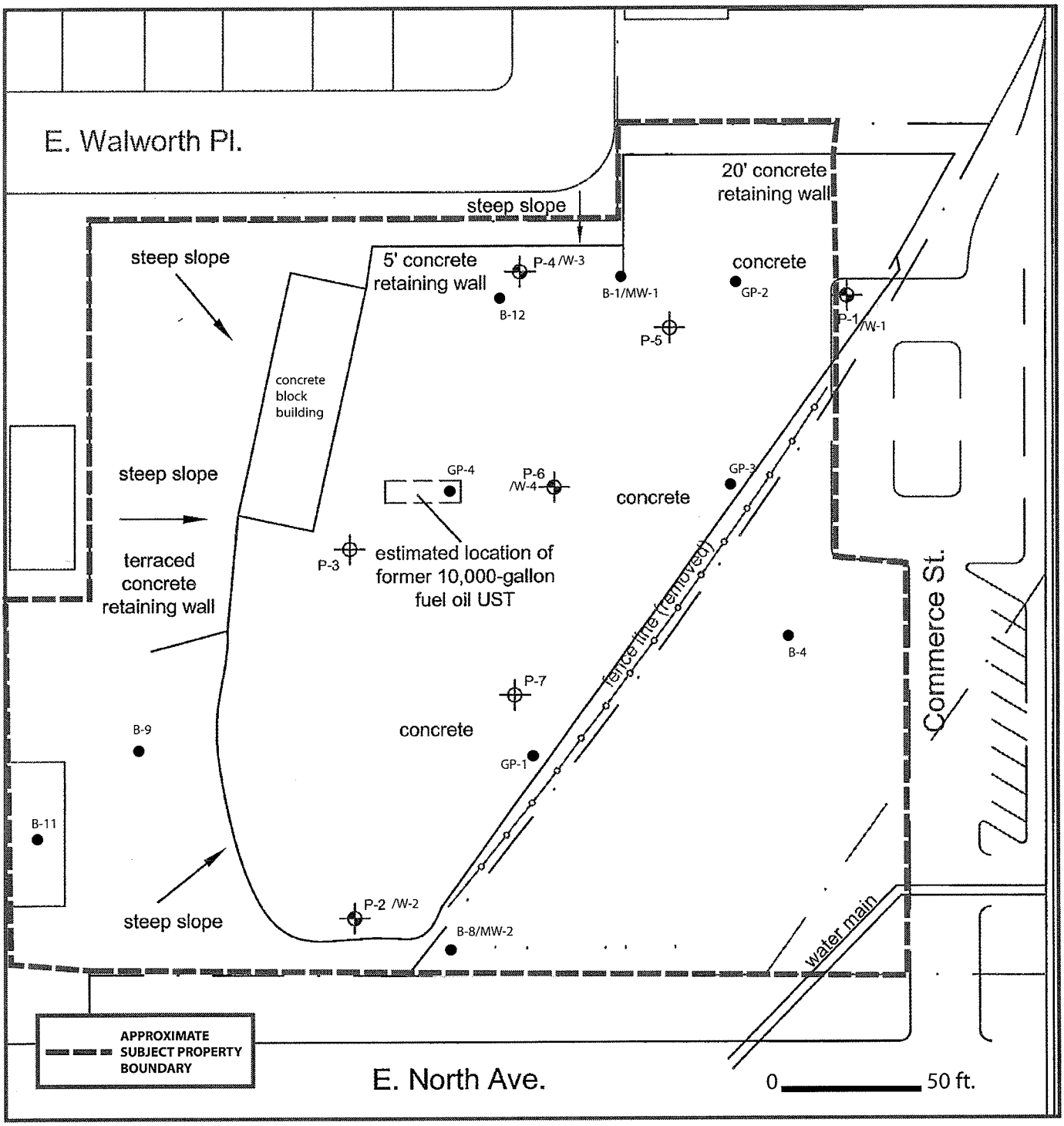
SITE PLAN MAP

1132 - 1164 East North Avenue, Milwaukee, Wisconsin

FIGURE 2

Project: 12053 | Directory: H:\Drawings\12053\cad\ | Filename: 12053 Sattmage Figures 07-13-2011.ai | Created By: ERS | Date: 07/13/2011 | Plot File: 12053 Sattmage Figures 07-13-2011.pdf



Client:	City of Milwaukee
Site Address:	1132 - 1146 E. North Avenue Milwaukee, WI
Project:	#12053

THE SIGMA GROUP
Single Source. Sound Solutions.
www.thesigmagroup.com
1300 West Canal Street
Milwaukee, WI 53233
414-643-4200

N

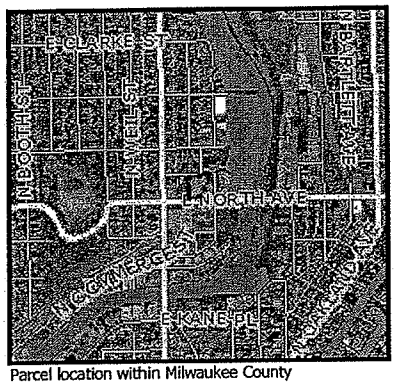
FIGURE 3
BORING LOCATION MAP

APPENDIX A
Subject Property Legal Description

Milwaukee County Land Information Parcel Report

TAXKEY: **3201693000**

Report generated 6/22/2011 9:48:55 AM



Parcel location within Milwaukee County

Selected parcel highlighted

Parcel Information

TAXKEY: 3201693000

Record Date: 01/01/2009

Owner(s): CITY OF MILWAUKEE

Address: 1136 E NORTH AVE

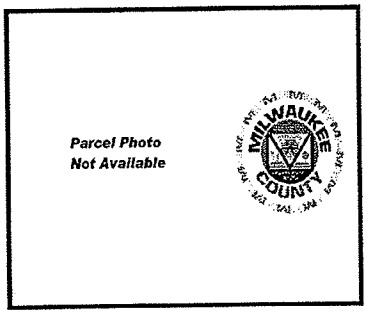
Municipality: Milwaukee

Acres: 0.00

Assessed Value: $0

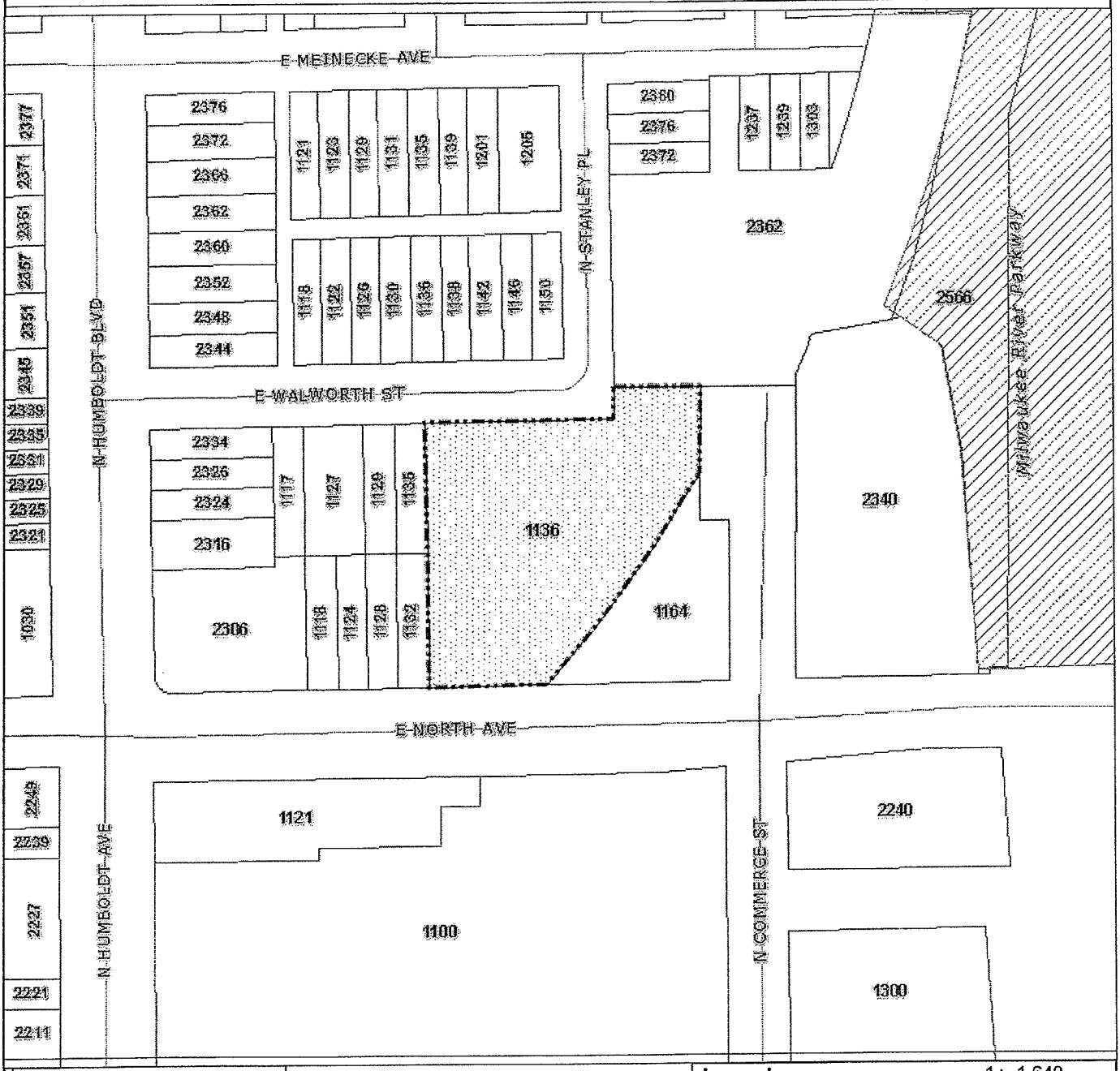
Parcel Description: OTHER

Legal Description: CERTIFIED SURVEY MAP NUMBER 7980 IN SE 1/4 SEC 16-7-22 LOT 3



Parcel photo

1136 East North Avenue



Notes
Enter Map Description

THIS MAP IS NOT TO BE USED FOR NAVIGATION

DISCLAIMER: This map is a user generated static output from the Milwaukee County Land Information Office Interactive Mapping Service website. The contents herein are for reference purposes only and may or may not be accurate, current or otherwise reliable. No liability is assumed for the data delineated herein either expressed or implied by Milwaukee County or its employees.

275 0 137 275 Feet

1 : 1,649

Legend

- County Boundary
- Highways, to 8k
- Street Centerlines, 0k to 8k
- Railroad 8k
- Water 8k
- Rivers 8k
- Airport 8k
- Landmarks 8k
- County Parks 8k
- Municipal Subdivisions 25k

1136 East North Avenue

260 0 130 260 Feet

Legend

- County Boundary
- Highways, to 8k
- Street Centerlines, 0k to 8k
- Railroad 8k
- Water 8k
- Rivers 8k
- Airport 8k
- Landmarks 8k
- County Parks 8k
- Municipal Subdivisions 25k
- Tax Parcels
- 2007 (Med Res)
  - Red: Band_1
  - Green: Band_2
  - Blue: Band_3

1: 1,563

Notes

Enter Map Description

APPENDIX B
Phase I ESA Report (partial copy)

PHASE I ENVIRONMENTAL SITE ASSESSMENT

1132 - 1164 EAST NORTH AVENUE
MILWAUKEE, WISCONSIN

PREPARED FOR:

Mr. Michael Snow
Oppenheimer Multifamily Housing & Healthcare Finance, Inc.
2500 Northwinds Parkway, Suite 100
Alpharetta, Georgia 30009

PREPARED BY:

THE SIGMA GROUP
Single Source. Sound Solutions.

PROJECT REFERENCE #12053

JULY 2011

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FIGURES

APPENDICES

EXECUTIVE SUMMARY

Mr. Michael Snow, on behalf of Oppenheimer Multifamily Housing & Healthcare Finance, Inc. of Alpharetta, Georgia, retained Sigma Environmental Services, Inc. (Sigma) of Milwaukee, Wisconsin to conduct a Phase I Environmental Site Assessment (ESA) of a property located at 1132 - 1164 East North Avenue, in Milwaukee, Wisconsin (subject property). The purpose of the environmental assessment was to identify any recognized environmental conditions (RECs), as defined by ASTM in its Standard Practice for Environmental Site Assessments (E 1527-05), on the subject property. To perform the service, Sigma compiled a site history, reviewed available regulatory documents, reviewed area geology and hydrogeology and conducted limited site observations between June 22 and July 15, 2011.

RECs, as defined by ASTM, include the presence or likely presence of hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property. The term includes hazardous substances and petroleum products even under conditions in compliance with the law. This term is not intended to include de minimis conditions that do not generally present a material risk to human health or the environment and would not be the subject of an enforcement action if brought to the attention of the appropriate authorities. Conditions determined to be de minimis are not recognized environmental conditions.

The subject property consists of three adjacent parcels of land. An approximate 0.09-acre parcel located at 1132 East North Avenue, an approximate 1.42-acre parcel located at 1136 East North Avenue and an approximate 0.44-acre parcel located at 1164 East North Avenue all in the City of Milwaukee, Milwaukee County, Wisconsin. At the time of this assessment, the subject property was improved with a seven-bay concrete block garage on the 1136 East North Avenue parcel. The 1132 and 1164 East North Avenue parcels were undeveloped. Historically, residential occupants occupied the 1132 East North Avenue parcel and Tews Lime & Cement Company, Western Brick Company, Ricketson & Schwartz Inc (brick) and City of Milwaukee Sanitation Bureau occupied the 1136-1164 East North Avenue parcels. At the time of this assessment, the subject property was vacant.

A search of available environmental records was conducted by Environmental Data Resources Inc. (EDR; Milford, CT). The subject property was identified by EDR in the Resource Conservation and Recovery Act (RCRA), Solid & Hazardous Waste Information Management System (SHWIMS), Facility Index System (FINDS), Leaking Underground Storage Tank (LUST), Underground Storage tank (UST) and Wisconsin Remedial Response Site Evaluation Report (WRRSER) databases.

The subject property was identified in the RCRA, SHWIMS and FINDS databases as a RCRA Non-Generator. RCRA Non-Generators currently do not generate hazardous waste. Historically, the subject property was a Conditionally Exempt Small-Quantity Generator (generates 100 kg or less of hazardous waste during a calendar month) of flammable waste. No violations were on file for the property.

The subject property was identified as a former medium priority LUST site with gasoline contaminated soil. The soil contamination was discovered at the site on July 11, 1990. The WDNR closed the LUST case in a letter dated April 14, 1992 with no further action required. The release is considered a historical recognized environmental condition (HREC). Residual soil impacts from the LUST incident could be encountered during redevelopment activities. Contaminated soil that is discovered would require appropriate management in accordance with applicable state and federal regulations.

The subject property was identified as a registered UST site with an 800-gallon leaded gasoline UST and a 500-gallon waste motor oil UST closed/removed on July 11, 1990. Soil contamination was discovered during the removal of the gasoline UST which led to the LUST case described above.

An EDR UST database review performed for a Phase I completed in 2006 by Earth Tech indicated that four USTs were located and removed from the property. A 500-gallon waste oil tank and two 800-gallon leaded gasoline tanks closed/removed on July 11, 1990 and a 500-gallon tank closed/removed on August 2, 1990. No further information regarding the tank closures was available. The subject property could have been negatively impacted by a release from the UST systems.

The subject property was identified as a medium priority WRRSER site as of July 11, 1990. WRRSER provides information about location, status and priority of sites or facilities in the State of Wisconsin which are known to cause or have a high potential to cause environmental pollution.

In addition to the subject property, EDR identified several sites in the vicinity of the subject property on one or more of the environmental databases researched by EDR. Based on the relative distance between the reported sites and the subject property and/or the reported site status, the identified sites are not expected to impact the subject property except for the Milwaukee County Storage Yard property.

The Milwaukee County Storage Yard property, located at 1194 East North Avenue (adjacent to the east of the subject property), is a closed Leaking Underground Storage tank (LUST) site with historic fill and residual soil contamination. Based on the relative distance between the site and the subject property, the property could have negatively impacted the subject property, which is required to comply with a soils management plan prepared for the off-site property.

Mr. Todd Davies, owner of the 1132 and 1164 East North Avenue parcels, reported that the subject property is required to comply with a soils management plan that was approved for the adjacent property (1194 East North Avenue).

A review of City of Milwaukee building inspection records indicated that a 10,000-gallon oil tank was installed at the subject property in 1960. It appears that the tank was removed in 1972; however, the removal could not be confirmed. Closure assessment information from the tank removal was not available; therefore, a release from the UST system could have negatively impacted the subject property.

A Phase I report prepared by Earth Tech in 2006 for the subject property identified "a large volume of reportedly contaminated soil" was covered and stockpiled on the subject property. The stockpiled soil was not evident during the site visit conducted by Sigma; however, it appeared that a grassy area on the northwest corner of the property was not natural to the site. The contaminated soil that was stockpiled on the property could have negatively impacted the subject property.

Historical records indicate a railroad spur was present along the eastern property boundary. Contamination associated with historical loading and unloading practices is common along railroad spurs. The subject property could have been negatively impacted by a release along the railroad spur.

Historical records indicate a pit for holding unidentified products was present near the former railroad tracks. Additionally, the subject property was historically occupied by the Tews Lime and Cement Company and the City of Milwaukee Sanitation Bureau. Historical activities performed at the subject property could have negatively impacted the subject property.

The Phase I Environmental Site Assessment has been performed in conformance with the scope and limitations of ASTM Practice E 1527(-05). This assessment has not revealed evidence of recognized environmental conditions at the subject property except for the following:

- The subject property was identified as a registered Underground Storage Tank (UST) site with a 800-gallon leaded gasoline UST and a 500-gallon waste motor oil UST closed/removed on July 11, 1990. An EDR UST database review performed for the Phase I completed in 2006 by Earth Tech indicated that four USTs were located and removed from the property. A 500-gallon waste oil tank and two 800-gallon leaded gasoline tanks closed/removed on July 11, 1990 and a 500-gallon tank closed/removed on August 2, 1990. No further information regarding the tank closures was available. The subject property could have been negatively impacted by a release from the UST systems.

- A review of City of Milwaukee building inspection records indicated that a 10,000-gallon oil tank was installed at the subject property in 1960. It appears that the tank was removed in 1972; however, the removal could not be confirmed. Closure assessment information from the tank removal was not available; therefore, a release from the UST system could have negatively impacted the subject property.

- Mr. Todd Davies, owner of the 1132 and 1164 East North Avenue parcels, reported that the subject property is required to comply with a soils management plan that was approved for the adjacent property (1194 East North Avenue).

- A Phase I report prepared by Earth Tech in 2006 for the subject property identified "a large volume of reportedly contaminated soil" was covered and stockpiled on the subject property. The stockpiled soil was not evident during the site visit conducted by Sigma; however, it appeared that a grassy area on the northwest corner of the property was not natural to the site. The contaminated soil that was stockpiled on the property could have negatively impacted the subject property.

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- Historical records indicate a pit for holding unidentified products was present near the former railroad tracks. Additionally, the subject property was historically occupied by the Tews Lime and Cement Company and the City of Milwaukee Sanitation Bureau. Historical activities performed at the subject property could have negatively impacted the subject property.

One recognized environmental condition (REC), as defined by the ASTM Standard E-1527-05, has been identified off-site which includes the following:

The Milwaukee County Storage Yard property, located at 1194 East North Avenue (adjacent to the east of the subject property), is a closed Leaking Underground Storage tank (LUST) site with historic fill and residual soil contamination. Based on the relative distance between the site and the subject property, the property could have negatively impacted the subject property, which is required to comply with a soils management plan prepared for the off-site property.

Please note, with respect to the potential off-site issue, the State of Wisconsin created the "property affected by off-site discharges" exemption, s. 292.13, Wisconsin Statues, which limits the responsibilities of property owners when soil or groundwater contamination is confirmed to be migrating onto his or her property from off site. Property owners will not be responsible for taking appropriate environmental response actions if certain conditions are met.

One historical recognized environmental condition (HREC), as defined by the ASTM Standard E-1527-05, has been identified at the subject property which includes the following:

- The subject property was identified as a former medium priority LUST site with gasoline contaminated soil. The soil contamination was discovered at the site on July 11, 1990. The WDNR closed the LUST case in a letter dated April 14, 1992 with no further action required. Residual soil impacts from the LUST incident could be encountered during redevelopment activities. Contaminated soil that is discovered would require appropriate management in accordance with applicable state and federal regulations.

Sigma is completing a Phase II Environmental assessment to evaluate the aforementioned RECs and HREC. The Phase II will include a magnetometer survey to evaluate if USTs are present on the property and a subsurface investigation to evaluate soil excavation areas, on-site fill and assess soil and groundwater.

With the exception of time constraints there were no limiting conditions to this report. Where observations were limited, Sigma renders no opinion as to the presence of hazardous substances, wastes or contamination potential.

The conclusions included in this assessment report should not be construed as legal advice. This practice is intended to reflect a commercially prudent and reasonable inquiry as no environmental site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with the subject property. Performance of the ASTM E 1527-05 practice is intended to reduce, but not eliminate that uncertainty. Finally, even a finding of no recognized environmental conditions is not a warranty or guarantee that the property is free from contamination.

1.0 INTRODUCTION

1.1 Purpose

Mr. Michael Snow, on behalf of Oppenheimer Multifamily Housing & Healthcare Finance, Inc. of Alpharetta, Georgia, retained Sigma Environmental Services, Inc. (Sigma) of Milwaukee, Wisconsin to conduct a Phase I Environmental Site Assessment (ESA) of a property located at 1132 - 1164 East North Avenue, in Milwaukee, Wisconsin (subject property). The purpose of the environmental assessment was to identify any recognized environmental conditions (RECs), as defined by ASTM in its Standard Practice for Environmental Site Assessments (E 1527-05), on the subject property. To perform the service, Sigma compiled a site history, reviewed available regulatory documents, reviewed area geology and hydrogeology and conducted limited site observations between June 22 and July 15, 2011. The findings of the assessment are summarized in this report.

The ASTM Standard E 1527-05 defines a REC as:

> "The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not recognized environmental conditions."

1.2 Methodology

Research of the property evaluated its historical use and examined the generation, treatment, storage, and disposal of hazardous chemicals, materials, substances, and wastes for potential sources of environmental concern. Research included a review of reasonably ascertainable records, interviews of knowledgeable local and state officials, and a site reconnaissance.

1.3 Significant Assumptions

This report was prepared under constraints of cost, time, and scope, and reflects a limited assessment and evaluation rather than a total, complete, or extensive assessment and evaluation. Sigma's review was performed using the degree of care and skill ordinarily exercised under similar localities. No other warranty or guarantee, expressed or implied, is made as to the conclusions and recommendations included in this report.

The findings of this report, to the best of our knowledge, are valid as of the date of this review. 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.

Specified information contained in this report has been obtained from publicly available sources and other secondary sources of information produced by entities other than Sigma. Although care has been taken by Sigma in compiling the information, Sigma disclaims any and all liability for any errors, omissions, or inaccuracies of the third parties in such information and data, and for any consequences arising there from.

The conclusions contained in this report are based upon information provided by the client, a limited on-site inspection, and our investigation of available public records and should not be considered legal advice. Latent conditions at the site are not known. The review did not include sampling of rock, soil, groundwater, surface water, air or all on-site substances or materials. It is, therefore, not possible to confirm the presence or absence of toxic or hazardous substances, wastes or materials in the environments associated with the site. Sigma makes no warranties, expressed or implied, as to marketability or fitness of the property for a particular purpose.

1.4 Limitations and Exceptions

Conclusions in this report represent our professional judgment and are limited to those site conditions and potential impacts from neighboring properties that could be discovered under the scope of services authorized by the proposal. The conclusions presented were based on an inspection of the property and a review of relevant records.

Sigma attempted to review all reasonably ascertainable, practically reviewable information regarding the history of the subject property; however, data gaps were encountered during preparation of this report. It is Sigma's opinion that the data gaps do not significantly affect, as defined by ASTM E 1527-05, the ability to identify recognized environmental conditions in connection with the subject property.

The conclusions and interpretations of this report do not collectively define all the risks associated with purchase or other use of the property. Should you, our client, or other interested parties, wish to further reduce the risks associated with undiscovered or unquantified environmental impacts, you may want to consider having additional assessment activities performed such as collecting and analyzing soil, groundwater, or other appropriate samples for compounds of relevant and particular concern, or complete other investigation activities as appropriate.

This report does not address or include regulatory compliance issues, cultural or historic resources, industrial hygiene, health and safety issues, ecological resources, wetlands, endangered species, vapor intrusion, mold or indoor air quality. Further this report does not purport to identify or quantify asbestos, radon, lead-based paint, lead in drinking water, extremely low frequency radiation (ELF) or electromagnetic frequency radiation (EMF) on-site.

1.5 Special Terms and Conditions

1.6 User Reliance

This document contains proprietary and confidential information, which is the sole and exclusive property of Sigma Environmental Services, Inc., HD Development LLC, City of Milwaukee, Stanley Place Investments, Readco, Inc. and Oppenheimer Multi-Family Housing & Healthcare Finance, Inc. This document may not be used or duplicated by those other than HD Development LLC, City of Milwaukee, Stanley Place Investments, Readco, Inc. and Oppenheimer Multi-Family Housing & Healthcare Finance, Inc. in any manner without the express written consent of Sigma Environmental Services, Inc. and Oppenheimer Multi-Family Housing & Healthcare Finance, Inc. The environmental conditions of an operating facility change continuously. This report documents the status of environmental issues as of the date of the report. We caution reliance on this information as time progresses without an appropriate review and update to this environmental assessment.

2.0 SITE DESCRIPTION

2.1 Location, Legal Description, and General Characteristics

The subject property consists of three adjacent parcels of land. An approximate 0.09-acre parcel located at 1132 East North Avenue, an approximate 1.42-acre parcel located at 1136 East North Avenue and an approximate 0.44-acre parcel located at 1164 East North Avenue all in the City of Milwaukee, Milwaukee County, Wisconsin. Legal descriptions and GIS Images of the subject property parcels, obtained from Milwaukee County, are included in **Appendix A** of this report. The subject property location is presented on **Figures 1 and 2.**

2.2 Current Use of the Property

At the time of this assessment the subject property was vacant.

2.3 Site and Vicinity Characteristics

The subject property is located on the north side of East North Avenue, just west of the Milwaukee River, within an area of Milwaukee that is mixed with residential and commercial concerns. The City of Milwaukee has included the subject property within an area that is zoned Planned Development (PD).

2.4 Descriptions of Structures, Roads, and Other Improvements on the Site

At the time of this assessment, the 1136 East North Avenue parcel was improved with a seven-bay concrete block garage. The 1132 and 1164 East North Avenue parcels were undeveloped.

Utilities were not provided to the garage; however, utilities in the area include water, gas, electric, communications and sewer. The City of Milwaukee supplies water service in the area and the Milwaukee Metropolitan Sewerage District (MMSD) provides wastewater service.

2.5 Current Uses of the Adjoining Properties

At the time of this assessment, adjoining properties included residential properties to the west and north, a University of Wisconsin Milwaukee (UWM) residential dormitory (RiverView Hall) to the east and East North Avenue then a Pick n' Save grocery store and Columbia St. Mary's Family Health Care Center to the south. A Site Plan and Area Map are included as **Figure 2** of this report.

3.0 USER-PROVIDED INFORMATION

3.1 Title Records

A search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls was performed for the subject property. Environmental liens or activity and use limitations were not identified for the subject property parcels. A copy of title policy researched is included in **Appendix B**.

3.2 Environmental Liens or Activity and Use Limitations

In accordance with the ASTM standard, Sigma requested information from Mr. Todd Davies, user of the report, regarding known environmental liens on the subject property. Mr. Davies reported no knowledge of environmental liens at the subject property. A copy of the user questionnaire is included in **Appendix C**.

3.3 Specialized Knowledge

In accordance with the ASTM standard, Sigma requested information from Mr. Davies regarding information about previous ownership or uses of the property that may be material to identifying recognized environmental conditions. Mr. Davies reported that the adjacent site (to the east) was subject to a DNR approved soils management plan. Additionally, Mr. Davies provided Sigma with a copy of a Phase I Environmental Assessment report that was previously completed at the subject property (1136 – 1146 East North Avenue).

The Phase I Environmental Report, which was prepared by Earth Tech, Inc. (Earth Tech), was dated October, 2006. In summary, Earth Tech identified the following RECs associated with the subject property:

- Four former USTs removed in 1990 without tank closure assessments.
- Petroleum-contaminated soil is present on the southeast part of the property near a former UST and waste oil spill area that was partially remediated in 1990.
- Petroleum-contaminated soil was stockpiled on the subject property.
- Based on City records, one 10,000-gallon fuel oil UST was buried on the property. Records indicating the removal of the UST were not discovered.
- Historical records indicate a pit for holding unidentified products was present near the former railroad tracks.
- Historical records indicate that a metal hopper structure was present on the southwest part of the property.
- Historical records indicate a railroad spur was present along the eastern property boundary. Contamination associated with historical loading and unloading practices is common along railroad spurs.

Based on the Phase I ESA results, Earth Tech recommended completing a Phase II ESA associated with the RECs. A copy of the Phase I report is included in **Appendix D**.

3.4 Valuation Reduction of Environmental Issues

In accordance with the ASTM standard, Sigma requested information from Mr. Davies regarding value reduction of the subject property to comparable properties. Mr. Davies did not report any value information. A copy of the user questionnaire is included in **Appendix C**.

3.5 Owner, Property Manager, and Occupant Information

Sigma submitted an Environmental Screening Questionnaires to Ms. Karen Dettmer, with the City of Milwaukee, owner of the 1136 East North Avenue parcel and Mr. Todd Davies, developer and owner of the 1132 and 1164 East North Avenue parcels, for completion. Of note in the questionnaires completed by Mr. Davies is the reported need for compliance with a soils management plan that was prepared for the adjacent property (1194 East North Avenue). A copy of the soils management plan was not available to Sigma at the printing of this report. A review of the information provided by Mr. Davies did not indicate the presence of RECs at the subject property. A response from Ms. Dettmer was not received at the printing of this report. Copies of the completed questionnaires from Mr. Davies are included in **Appendix E**.

3.6 Reasons for Performing Phase 1

The purpose of this report is to qualify for the innocent landowner defense to CERCLA liability and to assist the user in making business decisions in regard to the subject property.

4.0 RECORDS REVIEW

4.1 Standard Environmental Record Sources

Sigma utilized the services of Environmental Data Resources (EDR, Milford, Connecticut) to provide regulatory data, meeting the ASTM Standard E 1527-05, from Federal and State agencies. The federal regulatory data includes the National Priorities List (NPL), the Resource Conservation and Recovery Act (RCRA) notifiers, the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) database, and the Emergency Response Notification System (ERNS) database. The state data includes the Leaking Underground Storage Tanks (LUST) list, the Registered Underground Storage Tank list, and the State Solid Waste Facilities/Landfill Sites list. During review of the data provided by EDR, Sigma focused on sites within a 1.0 mile radius or less of the property. The EDR summary report is included as **Appendix F** of this Phase I Environmental Site Assessment report. The findings of select inventories are discussed below.

4.1.1 National Priority List

The EPA publishes a National Priorities List (NPL) of sites included in the "Superfund" program as authorized by CERCLA and the Superfund Amendments and Reauthorization Act (SARA). EDR did not identify the subject property as a "Proposed" Superfund, Superfund or "Delisted" Superfund site, nor were "Proposed" Superfund, Superfund or "Delisted" Superfund sites identified within a 1.0-mile radius of the subject property.

4.1.2 Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)

The CERCLIS list is a compilation of known or suspected uncontrolled or abandoned hazardous waste sites that are under investigation or have been investigated by the EPA to determine if the site(s) should be remediated under the Superfund program. EDR did not identify the subject property as a CERCLIS or CERCLIS - No Further Remedial Action Planned (NFRAP) site, nor were CERCLIS or CERCLIS – NFRAP sites identified within a 0.50-mile radius of the subject property.

4.1.3 Resource Conservation and Recovery Act Corrective Action Report (CORRACTS)
The United States EPA maintains the CORRACTS database. The database includes RCRA facilities, which are undergoing corrective action due to a release of hazardous waste or constituents into the environment. EDR did not identify the subject property as a CORRACTS site, nor were CORRACTS sites identified within a 1.0-mile radius of the subject property.

4.1.4 Resource Conservation and Recovery Act (RCRA)
RCRA includes selective information compiled by the EPA on sites, which generate, store, transport, treat, and/or dispose of hazardous waste. EDR identified the subject property in the RCRA and Solid & Hazardous Waste Information Management System (SHWIMS) databases as a RCRA Non-Generator. RCRA Non-Generators currently do not generate hazardous waste. Historically, the subject property was a Conditionally Exempt Small-Quantity Generator (generates 100 kg or less of hazardous waste during a calendar month) of flammable waste. No violations were on file for the property.

In addition to the subject property, EDR identified seven RCRA hazardous waste generators within a 0.25-mile radius of the subject property. Based on the relative distance between the reported sites and the subject property and/or the site status, the subject property is not expected to be impacted by RCRA hazardous waste generator activities.

EDR did not identify the subject property as an RCRA-Treatment, storage, or disposal facility, nor were RCRA-Treatment, storage, or disposal facilities identified within a 0.50-mile radius of the subject property.

4.1.5 Emergency Response Notification System (ERNS)
The ERNS list contains information on reported releases of oil and hazardous substances. EDR did not identify the subject property as an ERNS site.

4.1.6 State Hazardous Waste (SHWS)
The state hazardous waste site record, the Hazard Ranking List, is compiled by the Wisconsin Department of Natural Resources (DNR) and is generally the state's equivalent to the CERCLIS list. EDR did not identify the subject property as a state hazardous waste site, nor were state hazardous waste sites identified within a 1.0-mile radius of the subject property.

4.1.7 State Landfill
The state landfill list, the Registry of Waste Disposal Sites, is compiled by the DNR and includes an inventory of solid waste disposal facilities or landfills. EDR did not identify the subject property as a state landfill site or waste disposal site, nor were state landfill or waste disposal sites identified within a 0.50-mile radius of the subject property.

4.1.8 Leaking Underground Storage Tank (LUST)
The LUST list is compiled by the DNR and contains an inventory of reported LUST incidents. EDR identified the subject property as a closed LUST site. The subject property (1136 East North Avenue) was identified as a former medium priority LUST site with gasoline contaminated soil. The soil contamination was discovered at the site on July 11, 1990. The WDNR closed the LUST case in a letter dated April 14, 1992 with no further action required. Residual soil impacts from the LUST incident could be encountered during

redevelopment activities. Contaminated soil that is discovered would require appropriate management in accordance with applicable state and federal regulations.

In addition to the subject property, EDR identified 23 LUST sites within a 0.50-mile radius of the subject property. Based on the relative distance between the reported sites and the subject property and/or the closed status, the LUST sites are not expected to impact the subject property with the exception of the Milwaukee County Storage Yard property.

The Milwaukee County Storage Yard property, located at 1194 East North Avenue (adjacent to the east of the subject property), is a closed LUST site with historic fill and residual soil contamination. Based on the relative distance between the site and the subject property, the off-site LUST release could have negatively impacted the subject property, which is required to comply with a soils management plan prepared for the off-site property.

4.1.9 Underground Storage Tanks (USTs)
The list of registered USTs is compiled by the Wisconsin Department of Commerce (COMM) and contains information on the site name, location, and number of tanks. EDR identified the subject property (1136 East North Avenue) as a registered UST site with an 800-gallon leaded gasoline UST and a 500-gallon waste motor oil UST closed/removed on July 11, 1990. Soil contamination was discovered during the removal of the gasoline UST which led to the LUST case described above.

An EDR UST database review performed for a Phase I completed in 2006 by Earth Tech indicated that four USTs were located and removed from the property. A 500-gallon waste oil tank and two 800-gallon leaded gasoline tanks closed/removed on July 11, 1990 and a 500-gallon tank closed/removed on August 2, 1990. No further information regarding the tank closures was available.

In addition to the subject property, EDR identified 17 registered UST sites within a 0.25-mile radius of the subject property. Based on the relative distance between the reported sites and the subject property and/or the closed status, the UST sites are not expected to impact the subject property.

4.2 Additional Environmental Record Sources

Sigma utilized EDR's services to provide regulatory data, exceeding the ASTM Standard E 1527-05, from Federal and State agencies. During review of the data provided by EDR, Sigma focused on sites within a 1.0 mile radius or less of the property.

4.2.1 Wisconsin Environmental Repair Program (ERP)
The ERP program database is compiled by the DNR and generally includes non-UST related spills. EDR did not identify the subject property as an ERP site; however, 13 ERP sites were identified within a 0.50-mile radius of the subject property. Based on the relative distance between the reported sites and the subject property and/or the closed status, the ERP sites are not expected to impact the subject property.

4.2.2 Lists of Registered Aboveground Storage Tanks
The list of registered ASTs is compiled by the Wisconsin Department of Commerce (COMM) and contains information on the site name, location, and number of tanks. EDR did not identify the subject property as having a registered AST.

4.2.3 Local Land Records

The Milwaukee County Assessor's office was used to verify current recorded ownership information on the subject property. The City of Milwaukee owns the 1136 East North Avenue parcel and READCO, LLC owns the 1132 and 1164 East North Avenue parcels.

4.2.4 Emergency Release Reports

The WDNR spills inventory was checked by EDR. EDR did not identify the subject property in the Spills database.

4.2.5 RCRA Administration Action Tracking System (RAATS)

RAATS contains records based on the enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. EDR did not identify the subject property in the RAATS database.

4.2.6 Hazardous Materials Incident Report System (HMIRS)

HMIRS contains a log of hazardous material spill incidents, which have been reported to the United States Department of Transportation. EDR did not identify the subject property in the HMIRS database.

4.2.7 PCB Activity Database (PADS)

PADS identifies generators, transporters, commercial storers and/or brokers, and disposers of polychlorinated biphenyls (PCBs) who are required to notify the EPA of such activities. EDR did not identify the subject property in the PADS database.

4.2.8 Facility Index System (FINDS)

The FINDS list contains facility information and "pointers" to other sources. EDR identified the subject property in the FINDS database related to RCRA activities.

4.2.9 Toxic Release Inventory System (TRIS)

TRIS identifies facilities, which release toxic chemicals to the air, water, and land in "reportable quantities" under Title III of SARA. EDR did not identify the subject property in the TRIS database.

4.2.10 Toxic Substance Control Act (TSCA)

TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. EDR did not identify the subject property in the TSCA database.

4.2.11 Historical Auto Stations

The EDR Historical Auto Stations list includes listings of potential gas station/filling station/service station establishments. EDR did not identify the subject property as a historical auto station site, nor were historical auto station sites identified within a 0.25-mile radius of the subject property.

4.2.12 Historical Cleaners

The EDR Historical Cleaners list includes potential dry cleaner sites. EDR did not identify the subject property as a potential dry cleaner site, nor were historical cleaner sites identified within a 0.25-mile radius of the subject property.

4.2.13 Wisconsin Remedial Response Site Evaluation Report (WRRSER)
WRRSER provides information about location, status and priority of sites or facilities in the State of Wisconsin which are known to cause or have a high potential to cause environmental pollution. EDR identified the subject property (1136 East North Avenue) as a medium priority WRRSER site as of July 11, 1990.

4.2.14 Orphan Summary
Orphan sites are sites with incomplete addresses that could not be plotted on the EDR Radius Map. EDR reported 20 orphan sites in its Radius Map report. All orphan sites had some address information available. Based on a review of available addresses, none of the sites are located at or adjacent to the subject property and are not expected to impact the subject property.

4.3 Physical Setting Sources

4.3.1 United States Geologic Survey Topographic Map
The subject property, which is located at an elevation of approximately 607 feet above mean sea level (MSL), is characterized by a topography that slopes toward the east (toward the Milwaukee River). The topography in the general vicinity of the subject property slopes toward the Milwaukee River.

A United States Geological Survey (USGS) 7.5 Minute topographic map, designated as the Milwaukee, Wisconsin Quadrangle, was reviewed as part of this assessment. The map, completed in 1971, depicts the subject property as vacant, but within an area of Milwaukee in which only landmark buildings shown (**Figure 1**). Surface water was not noted on the subject property.

4.3.2 Regional Geology and Hydrogeology
Sigma reviewed GeoScience Wisconsin (Vol. 7, 1983), and Soil Survey of Milwaukee and Waukesha Counties (July, 1971), each prepared by the Wisconsin Geologic and Natural History Survey (WGNHS), for information concerning the geology and hydrogeology beneath the subject property.

The surficial deposits in Milwaukee County consist of till and outwash deposits interbedded with fine-grained and stratified lake sediments. Deposited by the glacial Lake Michigan Lobe (or a sublobe) and its associated meltwater streams, the till is generally represented by the Oak Creek Formation. The Oak Creek Formation includes fine-grained till; lacustrine clay, silt, and sand; and some glaciofluvial sand and gravel. Beneath the glacial deposits lies undifferentiated dolomites which are underlain by a series of sedimentary rocks consisting largely of sandstones.

Hydrogeologically, Milwaukee County is included in District No. 4 (Eastern Drift Paleozoic), as designated by the WGNHS. The aquifers of this district are described as a thick productive multilayered complex of Paleozoic sandstone and dolomite interbedded with non-productive layers and locally overlain by productive water-bearing sand and gravel. Groundwater in Milwaukee County moves within two (2) systems: a shallow water-table system and a deep artesian system. Regionally, within the shallow system (sand/gravel and Niagara), the groundwater flow is toward nearby lakes and streams. Groundwater flow within the deeper sandstone aquifer is generally from the west to east across the county. Groundwater flow at a particular site is best determined using site-specific well data.

Cultural influences, including high capacity wells, may effect shallow groundwater flow direction.

4.4 Historical Use Information on the Subject Property

4.4.1 Occupancy History

Originally a list of residents, city directories provide the name of resident or business and the type of business (if unclear) in a business index, a resident index and a street index. Available city directories, dating from 1920 to 2003, were reviewed in approximately five-year increments by Environmental Data Resources (EDR; Milford, Connecticut) for the subject property parcels. Historical occupants of the subject property parcels included residential occupants at the 1132 East North Avenue parcel and Tews Lime & Cement Company, Western Brick Company, Ricketson & Schwartz Inc (brick) and City of Milwaukee Sanitation Bureau at the 1136 East North Avenue parcel. No listings were found for the 1164 East North Avenue parcel.

4.4.2 Aerial Photographs

Sigma reviewed aerial photographs for the subject property. Available photographs, obtained from EDR, were dated 1937, 1950, 1956, 1963, 1969, 1979, 1981, 1985, 1992, 2005 and 2008. Based on the scale and general nature of the historical photographs, only major development or construction projects could be confirmed.

A review of the photographs indicated that a residence was located on the 1132 East North Avenue parcel in the 1937 through 1992 photographs. The residence is no longer depicted in the 2005 and 2008 photographs. Structures were present on the 1136-1164 parcels in the 1937 through 1969 photographs. The 1979 through 2008 photographs depicts the parcels as mainly undeveloped with one structure remaining on the north end of the 1136 parcel. Railroad tracks are present on the east side of the property in the 1937 through 1969 photographs. The railroad tracks appear to be abandoned in the 1979 photograph. Copies of the photographs are included in **Appendix G**.

4.4.3 Fire Insurance Maps

Sigma contacted EDR for available Sanborn Fire Insurance maps depicting the subject property. Developed in the late 1800's, the maps were used until approximately the mid-1900s. EDR reported that Sanborn map coverage in the area of the subject property was available for 1894, 1910, 1951 and 1969.

The 1894 map depicts the 1132 East North Avenue parcel as undeveloped and the 1136-1164 East North Avenue parcels occupied by dwellings with railroad tracks on the eastern portion of the property. The 1910 through 1969 maps depict the 1132 East North Avenue parcel occupied by a residence and the 1136-1164 East North Avenue parcels occupied by the Tews Lime & Cement Company with railroad tracks on the eastern portion of the property. USTs were not depicted on the subject property in the series of maps. A copy of the Sanborn Map report is presented in **Appendix H**.

4.5 Historical Use Information on Adjoining Properties

4.5.1 Occupancy History

Originally a list of residents, city directories provide the name of resident or business and the type of business (if unclear) in a business index, a resident index and a street index. Available city directories, dating from 1920 to 2003, were reviewed in approximately five-year increments by Environmental Data Resources (EDR; Milford, Connecticut) for the

adjoining properties. Occupants in the vicinity of the subject property included Wisconsin Ice & Coal Bulk Plant, Fisher Iron & Steel Company yards, offices, retail stores, auto stations, restaurants, taverns, beauty salons, manufacturing companies, trucking companies, contractors, warehouses and residences.

4.5.2 Aerial Photographs

Sigma reviewed aerial photographs for the adjoining properties. Available photographs, obtained from EDR, were dated 1937, 1950, 1956, 1963, 1969, 1979, 1981, 1985, 1992, 2005 and 2008. Based on the scale and general nature of the historical photographs, only major development or construction projects could be confirmed.

In general, properties in the area of the subject property were developed prior to 1937. The properties in the area appear to be developed with a mix of residential and commercial buildings. Bulk storage tanks are present on the property immediately to the east (Wisconsin Ice & Coal Bulk Plant) in the 1937 through 1979 photographs. No obvious road modifications were observed on the series of photographs. Copies of the photographs are included in **Appendix G.**

4.5.3 Fire Insurance Maps

Sigma contacted EDR for available Sanborn Fire Insurance maps depicting the adjoining properties. Developed in the late 1800's, the maps were used until approximately the mid-1900s. EDR reported that Sanborn map coverage in the area of the subject property was available for 1894, 1910, 1951 and 1969.

The maps depict the area surrounding the subject property developing in the 1894 map with the area fully developed by 1951. The development to the north and west is mainly residential. The property to the east was occupied by Wisconsin Lakes Ice & Cartage Company in the 1894 and 1910 maps and depicted containing bulk iron oil storage tanks in the 1951 and 1969 maps. The property across North Avenue to the south is occupied by Chicago, Milwaukee and St. Paul Railroad in all of the maps with the Maumee Washed Coal Company occupying a portion of the property in the 1951 map. The historical use of the bulk oil storage tanks on the property to the east of the subject property and the subsequent results from an environmental investigation at the property is considered an off-site REC. A copy of the Sanborn Map report is presented in **Appendix H.**

5.0 SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

On July 11, 2011, Sigma conducted a limited inspection of the subject property to examine the site for visual signs of contamination. Observations of the subject property were made of readily accessible and visually apparent areas. Where observations were limited, Sigma renders no opinion as to the presence of hazardous substances, wastes or contamination potential. Conditions at the time of the inspection included sunny skies with temperatures in the 70s (°F). In general, the subject property, which was vacant, was improved with a seven-bay concrete block garage building on the 1136 East North Avenue parcel. Photographs of the subject property are included in **Appendix I.**

5.2 Observations

5.2.1 Hazardous Substances and Petroleum Products in Connection with Identified Uses
Not observed.

5.2.2 Storage Tanks and Drums
Evidence of USTs was not observed.

5.2.3 Odors, Pools of Liquids, Stained Soil or Pavement, Stressed Vegetation
Not observed.

5.2.4 Hazardous Substances and Petroleum Products Not Necessarily Used in Connection with Identified Uses
Not observed.

5.2.5 Unidentified Substance Containers
Not observed.

5.2.6 Polychlorinated Biphenyls (PCBs)
Not observed.

5.2.7 Wastewater Pits, Ponds or Lagoons
Not observed.

5.2.8 Wastewater
Not observed.

5.2.9 Solid Waste
In the Phase I report prepared by Earth Tech, "a large volume of reportedly contaminated soil" was covered and stockpiled on the subject property. The stockpiled soil was not evident during the site visit; however, it appeared that a grassy area on the northwest corner of the property was not natural to the site. The contaminated soil that was stockpiled on the property could have negatively impacted the subject property.

5.2.10 Heating
Not applicable.

5.2.11 Emergency Generators
Not observed.

5.2.12 Interior Stains or Corrosion
Not observed.

5.2.13 Drains or Sumps
Not observed.

Additionally, from within the boundaries of the subject property, Sigma examined the adjoining properties for conditions that might indicate recognizable environmental conditions (RECs). No physically observable RECs were identified on the adjoining properties.

6.0 INTERVIEWS

6.1 Interviews with Site Owners

See Section 3.5 of this report.

6.2 Interviews with Local Government Officials

6.2.1 City of Milwaukee Assessors Department

In lieu of interviews, Sigma reviewed available assessor records for the subject property parcels at the City of Milwaukee website. Records of environmental significance were not found.

6.2.2 City of Milwaukee Building Inspection Department

In lieu of interviews, Sigma reviewed available building inspection records for the subject property parcels at the Milwaukee Municipal Building. Records of environmental significance were not found for the 1132 or 1164 East North Avenue parcels. Records of environmental significance for the 1136 East North Avenue parcel included the following:

- A 1960 permit for the installation of a 10,000-gallon oil tank on the north end of the concrete hopper
- A 1972 permit for the removal of a fuel tank
- A 1990 permit for the removal of a 750-gallon UST
- A 1990 permit for the removal of a 1,000-gallon UST

It appears that the 10,000-gallon oil tank installed in 1960 was removed from the property in 1972; however, the removal could not be confirmed. Closure assessment information from the tank removal was not available; therefore, a release from the UST system could have negatively impacted the subject property.

Records of historical significance included a building permit for a cottage on the 1132 East North Avenue parcel in 1898, a permit for the demolition and removal of a two-story dwelling from the 1132 East North Avenue parcel in 1999, a permit for a Tews building on the 1136 East North Avenue parcel in 1909 and occupancy of the 1136 East North Avenue parcel by a City of Milwaukee Sanitation Garage in 1975.

7.0 FINDINGS

The subject property consists of three adjacent parcels of land. An approximate 0.09-acre parcel located at 1132 East North Avenue, an approximate 1.42-acre parcel located at 1136 East North Avenue and an approximate 0.44-acre parcel located at 1164 East North Avenue all in the City of Milwaukee, Milwaukee County, Wisconsin. At the time of this assessment, the subject property was improved with a seven-bay concrete block garage on the 1136 East North Avenue parcel. The 1132 and 1164 East North Avenue parcels were undeveloped. Historically, residential occupants occupied the 1132 East North Avenue parcel and Tews Lime & Cement Company, Western Brick Company, Ricketson & Schwartz Inc (brick) and City of Milwaukee Sanitation Bureau occupied the 1136-1164 East North Avenue parcels. At the time of this assessment, the subject property was vacant.

A search of available environmental records was conducted by Environmental Data Resources Inc. (EDR; Milford, CT). The subject property was identified by EDR in the Resource Conservation and Recovery Act (RCRA), Solid & Hazardous Waste Information Management System (SHWIMS), Facility Index System (FINDS), Leaking Underground Storage Tank (LUST), Underground Storage tank (UST) and Wisconsin Remedial Response Site Evaluation Report (WRRSER) databases.

The subject property was identified in the RCRA, SHWIMS and FINDS databases as a RCRA Non-Generator. RCRA Non-Generators currently do not generate hazardous waste. Historically, the subject property was a Conditionally Exempt Small-Quantity Generator (generates 100 kg or less of hazardous waste during a calendar month) of flammable waste. No violations were on file for the property.

The subject property was identified as a former medium priority LUST site with gasoline contaminated soil. The soil contamination was discovered at the site on July 11, 1990. The WDNR closed the LUST case in a letter dated April 14, 1992 with no further action required.

The subject property was identified as a registered UST site with an 800-gallon leaded gasoline UST and a 500-gallon waste motor oil UST closed/removed on July 11, 1990. Soil contamination was discovered during the removal of the gasoline UST which led to the LUST case described above.

An EDR UST database review performed for a Phase I completed in 2006 by Earth Tech indicated that four USTs were located and removed from the property. A 500-gallon waste oil tank and two 800-gallon leaded gasoline tanks closed/removed on July 11, 1990 and a 500-gallon tank closed/removed on August 2, 1990. No further information regarding the tank closures was available. The subject property could have been negatively impacted by a release from the UST systems.

The subject property was identified as a medium priority WRRSER site as of July 11, 1990. WRRSER provides information about location, status and priority of sites or facilities in the State of Wisconsin which are known to cause or have a high potential to cause environmental pollution.

In addition to the subject property, EDR identified several sites in the vicinity of the subject property on one or more of the environmental databases researched by EDR.

The Milwaukee County Storage Yard property, located at 1194 East North Avenue (adjacent to the east of the subject property), is a closed Leaking Underground Storage tank (LUST) site with historic fill and residual soil contamination.

Mr. Todd Davies, owner of the 1132 and 1164 East North Avenue parcels, reported that the subject property is required to comply with a soils management plan that was approved for the adjacent property (1194 East North Avenue).

A review of City of Milwaukee building inspection records indicated that a 10,000-gallon oil tank was installed at the subject property in 1960. It appears that the tank was removed in 1972; however, the removal could not be confirmed. Closure assessment information from the tank removal was not available.

A Phase I report prepared by Earth Tech in 2006 for the subject property identified "a large volume of reportedly contaminated soil" was covered and stockpiled on the subject property. The stockpiled soil was not evident during the site visit conducted by Sigma; however, it appeared that a grassy area on the northwest corner of the property was not natural to the site.

Historical records indicate a railroad spur was present along the eastern property boundary. Contamination associated with historical loading and unloading practices is common along railroad spurs.

Historical records indicate a pit for holding unidentified products was present near the former railroad tracks. Additionally, the subject property was historically occupied by the Tews Lime and Cement Company and the City of Milwaukee Sanitation Bureau.

8.0 OPINIONS

A search of available environmental records was conducted by Environmental Data Resources Inc. (EDR; Milford, CT). The subject property was identified by EDR in the Resource Conservation and Recovery Act (RCRA), Solid & Hazardous Waste Information Management System (SHWIMS), Facility Index System (FINDS), Leaking Underground Storage Tank (LUST), Underground Storage tank (UST) and Wisconsin Remedial Response Site Evaluation Report (WRRSER) databases.

The subject property was identified in the RCRA, SHWIMS and FINDS databases as a RCRA Non-Generator. RCRA Non-Generators currently do not generate hazardous waste. Historically, the subject property was a Conditionally Exempt Small-Quantity Generator (generates 100 kg or less of hazardous waste during a calendar month) of flammable waste. No violations were on file for the property.

The subject property was identified as a former medium priority LUST site with gasoline contaminated soil. The soil contamination was discovered at the site on July 11, 1990. The WDNR closed the LUST case in a letter dated April 14, 1992 with no further action required. The release is considered a historical recognized environmental condition (HREC). Residual soil impacts from the LUST incident could be encountered during redevelopment activities. Contaminated soil that is discovered would require appropriate management in accordance with applicable state and federal regulations.

The subject property was identified as a registered UST site with an 800-gallon leaded gasoline UST and a 500-gallon waste motor oil UST closed/removed on July 11, 1990. Soil contamination was discovered during the removal of the gasoline UST which led to the LUST case described above.

An EDR UST database review performed for a Phase I completed in 2006 by Earth Tech indicated that four USTs were located and removed from the property. A 500-gallon waste oil tank and two 800-gallon leaded gasoline tanks closed/removed on July 11, 1990 and a 500-gallon tank closed/removed on August 2, 1990. No further information regarding the tank closures was available. The subject property could have been negatively impacted by a release from the UST systems.

The subject property was identified as a medium priority WRRSER site as of July 11, 1990. WRRSER provides information about location, status and priority of sites or facilities in the State of Wisconsin which are known to cause or have a high potential to cause environmental pollution.

In addition to the subject property, EDR identified several sites in the vicinity of the subject property on one or more of the environmental databases researched by EDR. Based on the relative distance between the reported sites and the subject property and/or the reported site status, the identified sites are not expected to impact the subject property except for the Milwaukee County Storage Yard property.

The Milwaukee County Storage Yard property, located at 1194 East North Avenue (adjacent to the east of the subject property), is a closed Leaking Underground Storage tank (LUST) site with historic fill and residual soil contamination. Based on the relative distance between the site and the subject property, the property could have negatively impacted the subject property, which is required to comply with a soils management plan prepared for the off-site property.

Mr. Todd Davies, owner of the 1132 and 1164 East North Avenue parcels, reported that the subject property is required to comply with a soils management plan that was approved for the adjacent property (1194 East North Avenue).

A review of City of Milwaukee building inspection records indicated that a 10,000-gallon oil tank was installed at the subject property in 1960. It appears that the tank was removed in 1972; however, the removal could not be confirmed. Closure assessment information from the tank removal was not available; therefore, a release from the UST system could have negatively impacted the subject property.

A Phase I report prepared by Earth Tech in 2006 for the subject property identified "a large volume of reportedly contaminated soil" was covered and stockpiled on the subject property. The stockpiled soil was not evident during the site visit conducted by Sigma; however, it appeared that a grassy area on the northwest corner of the property was not natural to the site. The contaminated soil that was stockpiled on the property could have negatively impacted the subject property.

Historical records indicate a railroad spur was present along the eastern property boundary. Contamination associated with historical loading and unloading practices is common along railroad spurs. The subject property could have been negatively impacted by a release along the railroad spur.

Historical records indicate a pit for holding unidentified products was present near the former railroad tracks. Additionally, the subject property was historically occupied by the Tews Lime and Cement Company and the City of Milwaukee Sanitation Bureau. Historical activities performed at the subject property could have negatively impacted the subject property.

9.0 CONCLUSIONS

Sigma has performed an environmental site assessment, in conformance with the scope and limitations of ASTM Practice E 1527(-05). Any exceptions to, or deletions from, this practice are described in Section 10 of this report. This assessment has not revealed evidence of recognized environmental conditions at the subject property; however, one off-site REC was identified which includes the following:

- The subject property was identified as a registered Underground Storage Tank (UST) site with a 800-gallon leaded gasoline UST and a 500-gallon waste motor oil UST closed/removed on July 11, 1990. An EDR UST database review performed for the Phase I completed in 2006 by Earth Tech indicated that four USTs were located and removed from the property. A 500-gallon waste oil tank and two 800-gallon leaded gasoline tanks closed/removed on July 11, 1990 and a 500-gallon tank closed/removed on August 2, 1990. No further information regarding the tank closures was available. The subject property could have been negatively impacted by a release from the UST systems.

- A review of City of Milwaukee building inspection records indicated that a 10,000-gallon oil tank was installed at the subject property in 1960. It appears that the tank was removed in 1972; however, the removal could not be confirmed. Closure assessment information from the tank removal was not available; therefore, a release from the UST system could have negatively impacted the subject property.

- Mr. Todd Davies, owner of the 1132 and 1164 East North Avenue parcels, reported that the subject property is required to comply with a soils management plan that was approved for the adjacent property (1194 East North Avenue).

- A Phase I report prepared by Earth Tech in 2006 for the subject property identified "a large volume of reportedly contaminated soil" was covered and stockpiled on the subject property. The stockpiled soil was not evident during the site visit conducted by Sigma; however, it appeared that a grassy area on the northwest corner of the property was not natural to the site. The contaminated soil that was stockpiled on the property could have negatively impacted the subject property.

- Historical records indicate a railroad spur was present along the eastern property boundary. Contamination associated with historical loading and unloading practices is common along railroad spurs. The subject property could have been negatively impacted by a release along the railroad spur.

- Historical records indicate a pit for holding unidentified products was present near the former railroad tracks. Additionally, the subject property was historically occupied by the Tews Lime and Cement Company and the City of Milwaukee Sanitation Bureau. Historical activities performed at the subject property could have negatively impacted the subject property.

One recognized environmental condition (REC), as defined by the ASTM Standard E-1527-05, has been identified off-site which includes the following:

- The Milwaukee County Storage Yard property, located at 1194 East North Avenue (adjacent to the east of the subject property), is a closed Leaking Underground Storage tank (LUST) site with historic fill and residual soil contamination. Based on the relative distance between the site and the subject property, the property could have negatively impacted the subject property, which is required to comply with a soils management plan prepared for the off-site property.

Please note, with respect to the potential off-site issue, the State of Wisconsin created the "property affected by off-site discharges" exemption, s. 292.13, Wisconsin Statues, which limits the responsibilities of property owners when soil or groundwater contamination is confirmed to be migrating onto his or her property from off site. Property owners will not be responsible for taking appropriate environmental response actions if certain conditions are met.

One historical recognized environmental condition (HREC), as defined by the ASTM Standard E-1527-05, has been identified at the subject property which includes the following:

- The subject property was identified as a former medium priority LUST site with gasoline contaminated soil. The soil contamination was discovered at the site on July 11, 1990. The WDNR closed the LUST case in a letter dated April 14, 1992 with no further action required. Residual soil impacts from the LUST incident could be encountered during redevelopment activities. Contaminated soil that is discovered would require appropriate management in accordance with applicable state and federal regulations.

Sigma is completing a Phase II Environmental assessment to evaluate the aforementioned RECs and HREC. The Phase II will include a magnetometer survey to evaluate if USTs are present on the property and a subsurface investigation to evaluate soil excavation areas, on-site fill and assess soil and groundwater.

The conclusions included in this assessment report should not be construed as legal advice. This practice is intended to reflect a commercially prudent and reasonable inquiry. No environmental site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with the subject property. Performance of the ASTM E 1527-05 practice is intended to reduce, but not eliminate that uncertainty. Finally, even a finding of no recognized environmental conditions is not a warranty or guarantee that the property is free from contamination.

10.0 DEVIATIONS

There were no intentional deviations from or additions to standard practices identified in the ASTM standard for Phase 1 ESAs ASTM-1527-05 except as noted within this report.

11.0 REFERENCES

Published referenced sources relied upon in preparing this Phase I Environmental Site Assessment are as noted in the body of the report.

12.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

We declare that, to the best of our professional knowledge and belief, we meet the definition of environmental professional as defined in section 312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquires in general conformance with the standards and practices set forth in 40 CFR Part 312.

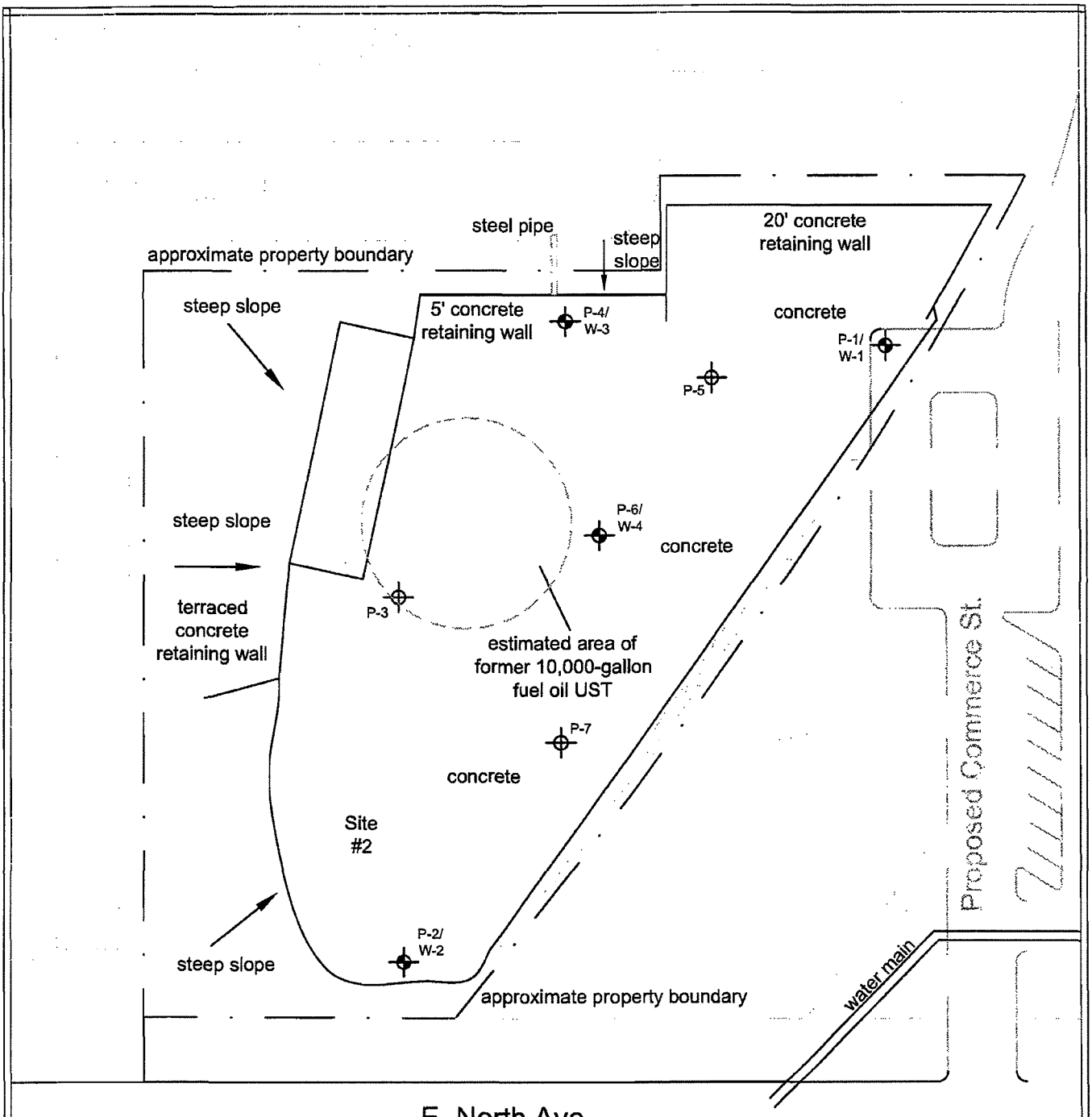
Dale R. Palkowski
Project Scientist

Randy E. Boness, P.G.
Manager, Geosciences Group

13.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Sigma Environmental Services, Inc. is a full-service environmental consulting and engineering firm located in Milwaukee, Wisconsin. Project team resumes are included in **Appendix J.**

APPENDIX C
EDS Site Investigation Data



NORTH

Scale
0 50
1 inch = 50 feet
All dimensions on this diagram are approximate

KEY

= Phase II monitoring well
= Phase II probehole

ed s environmental & development solutions	File No.: 050807a DWG Date: 2-16-07 Rev Date: Drawn By: JEB Checked By (PM): JEB	**Site Features Diagram** 1136-1146 E. North Ave. (Direct Site #2) Milwaukee, Wisconsin	Figure 2

TABLE 1
VOC Analytical Results - Soil Samples
1136-1146 E. North Ave. (Direct Site #2)
Milwaukee, Wisconsin

Sample Location:Depth	Sample Date	DRO (ppm)	Benzene (ppb)	Ethyl-benzene (ppb)	Isopropyl-benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	n-Propyl-benzene (ppb)	Toluene (ppb)	Combined TMBs (ppb)	Total Xylenes (ppb)
P-1:0-2	4/14/06	-	<30	<30	<30	<30	**1000**	<30	<30	<60	<100
P-2:0-2	4/14/06	2200	<54	<54	<54	<54	**7000**	<54	<54	<54	<180
P-3:0-2	4/14/06	-	<29	<29	<29	<29	<57	<29	<29	<58	<97
P-4:4-6	4/14/06	170	<29	<29	<29	<29	**560**	<29	<29	<58	<100
P-5:0-2	4/14/06	-	<27	<27	<27	<27	<54	<27	<27	<54	<92
P-6:6-8	4/14/06	8.7	<27	<27	<27	<27	<55	<27	<27	<54	<93
P-7:0-2	4/14/06	-	<27	<27	<27	<27	<54	<27	<27	<54	<91
NR 720 Generic RCL		*100*	*5.5*	*2,900*	*NS*	*NS*	*400*	*NS*	*1,500*	*NS*	*4,100*
NR 746 Table 1		*NS*	*8,500*	*4,600*	*NS*	*NS*	*20,000*	*NS*	*38,000*	*83K/11K*	*42,000*

Notes:
Concentrations that exceed their respective generic RCL are in **bold** type.
Concentrations that exceed their respective ch. NR 746 Table 1 values are underlined.

TABLE 2
PAH Analytical Results - Soil Samples
1136-1146 E. North Ave. (Direct Site #2)
Milwaukee, Wisconsin

Sample Location:Depth	Sample Date	Acena-phthene (ppb)	Acena-phthylene (ppb)	Anthra-cene (ppb)	Benzo (a) anthra-cene (ppb)	Benzo (b) fluor-anthene (ppb)	Benzo (k) fluor-anthene (ppb)	Benzo (a) pyrene (ppb)	Benzo (g,h,i) perylene (ppb)	Chrysene (ppb)	Dibenzo (a,h) anthra-cene (ppb)	Fluor-anthrene (ppb)	Fluorene (ppb)	Indeno (1,2,3-cd) pyrene (ppb)	1-Methyl Naph-thalene (ppb)	2-Methyl Naph-thalene (ppb)	Naph-thalene (ppb)	Phen-anthrene (ppb)	Pyrene (ppb)
P-1:0-2	4/14/06	38,000	<25,000	53,000	**48,000**	**30,000**	**18,000**	**37,000**	**26,000**	**38,000**	**4,200**	150,000	29,000	**24,000**	<8,900	110,000	10,000	**170,000**	94,000
P-2:0-2	4/14/06	78,000	<21,000	110,000	**130,000**	**79,000**	**51,000**	**110,000**	**75,000**	**100,000**	**12,000**	360,000	55,000	**69,000**	13,000	210,000	20,000	**290,000**	220,000
P-3:0-2	4/14/06	<57	<97	70	**120**	**78**	51	100	79	99	**110**	340	24	71	<34	110	<34	210	240
P-4:4-6	4/14/06	<2,700	<4,500	2,400	**2,100**	**1,400**	**810**	1,800	**1,300**	1,700	**<400**	7,600	1,000	**1,200**	<1,600	4,800	<1,600	6,900	4,700
P-5:0-2	4/14/06	<54	<92	6.6	12	7.9	5.4	9.2	7.9	9.6	<8.1	33	<11	7.0	<33	<27	<33	21	35
P-6:6-8	4/14/06	<55	<93	98	**210**	**160**	**100**	200	170	180	**240**	580	23	**150**	<33	120	<33	210	430
P-7:0-2	4/14/06	140	<91	270	**390**	**240**	**160**	300	230	300	**37**	1,200	120	**210**	<32	470	90	880	860
Suggested DC RCL		*900,000*	*18,000*	*5,000,000*	*88*	*8.8*	*88*	*1,800*	*880*	*8,800*	*8.8*	*600,000*	*600,000*	*88*	*1,100,000*	*600,000*	*20,000*	*18,000*	*500,000*
Suggested GW RCL		*38,000*	*700*	*3,000,000*	*17,000*	*48,000*	*360,000*	*6,800,000*	*870,000*	*37,000*	*38,000*	*500,000*	*100,000*	*680,000*	*23,000*	*20,000*	*400*	*1,800*	*8,700,000*

Notes:
Concentrations that exceed their respective suggested soil cleanup levels for non-industrial direct contact are in **bold** type.
Concentrations that exceed their respective suggested soil cleanup levels for protection of groundwater are underlined.

TABLE 3
Metals Analytical Results - Soil Samples
1136-1146 E. North Ave. (Direct Site #2)
Milwaukee, Wisconsin

Sample Location:Depth	Sample Date	Arsenic (ppm)	Barium (ppm)	Cadmium (ppm)	Total Chromium (ppm)	Lead (ppm)	Mercury (ppm)	Selenium (ppm)	Silver (ppm)
P-1:0-2	4/14/06	**5.6**	49	0.52	17	**54**	0.03	<4.7	<0.13
P-2:0-2	4/14/06	**4.4**	15	<0.11	5.6	21	0.013	<4.3	0.26
P-3:0-2	4/14/06	**3.7**	43	0.21	15	10	0.031	<4.6	<0.13
P-4:4-6	4/14/06	**4.0**	11	<0.12	6.8	6.0	<0.012	<4.7	0.13
P-5:0-2	4/14/06	**3.3**	11	<0.11	6.5	6.6	<0.011	<4.3	<0.12
P-6:6-8	4/14/06	**4.1**	19	<0.11	11	5.3	<0.011	<4.4	<0.12
P-7:0-2	4/14/06	**4.0**	12	<0.11	6.4	6.2	<0.011	<4.3	0.15
NR 720 non-industrial RCL		*0.039*	*NS*	*8*	*NS*	*50*	*NS*	*NS*	*NS*

Notes:
Concentrations that exceed their respective standards are in **bold** type.

TABLE 4
VOC Analytical Results - Groundwater Samples
1136-1146 E. North Ave. (Direct Site #2)
Milwaukee, Wisconsin

Sample Location	Sample Date	Benzene (ppb)	Ethyl-benzene (ppb)	Isopropyl-benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	n-Propyl-benzene (ppb)	Toluene (ppb)	Combined TMBs (ppb)	Total Xylenes (ppb)
W-2	4/26/06	<0.20	<0.50	<0.20	<0.50	9.3	<0.50	<0.20	<0.40	<0.50
W-4	4/26/06	<0.20	<0.50	<0.20	<0.50	7.2	<0.50	0.88	<0.40	<0.50
NR 140 ES (ppb)		*5.5*	*700*	*NS*	*60*	*100*	*NS*	*1,000*	*480*	*10,000*
NR 140 PAL (ppb)		*0.5*	*140*	*NS*	*12*	*10*	*NS*	*200*	*96*	*1,000*

Notes:
Concentrations that exceed their respective PAL are underlined.
Concentrations that exceed their respective ES are in **bold** type.

TABLE 5
PAH Analytical Results - Groundwater Samples
1136-1146 E. North Ave. (Direct Site #2)
Milwaukee, Wisconsin

Sample Location	Sample Date	Acena-phthene (ppb)	Acena-phthylene (ppb)	Anthra-cene (ppb)	Benzo (a) anthra-cene (ppb)	Benzo (b) fluor-anthene (ppb)	Benzo (k) fluor-anthene (ppb)	Benzo (a) pyrene (ppb)	Benzo (g,h,i) perylene (ppb)	Chrysene (ppb)	Dibenzo (a,h) anthra-cene (ppb)	Fluor-anthrene (ppb)	Fluorene (ppb)	Indeno (1,2,3-cd) pyrene (ppb)	1-Methyl Naph-thalene (ppb)	2-Methyl Naph-thalene (ppb)	Naph-thalene (ppb)	Phen-anthrene (ppb)	Pyrene (ppb)
W-4	4/26/06	59	<17	50	120	**100**	66	**150**	92	**110**	17	**320**	17	100	10	110	15	80	210
NR 140 ES (ppb)		*NS*	*NS*	*6,000*	*NS*	*0.2*	*NS*	*0.2*	*NS*	*0.2*	*NS*	*400*	*400*	*NS*	*NS*	*NS*	*100*	*NS*	*250*
NR 140 PAL (ppb)		*NS*	*NS*	*3,000*	*NS*	*0.02*	*NS*	*0.02*	*NS*	*0.02*	*NS*	*80*	*80*	*NS*	*NS*	*NS*	*10*	*NS*	*50*

Notes:
Concentrations that exceed their respective PAL are underlined.
Concentrations that exceed their respective ES are in **bold** type.

TABLE 6
Metals Analytical Results - Groundwater Samples
1136-1146 E. North Ave. (Direct Site #2)
Milwaukee, Wisconsin

Sample Location:Depth	Sample Date	Arsenic (ppb)	Barium (ppb)	Cadmium (ppb)	Total Chromium (ppb)	Lead (ppb)	Mercury (ppb)	Selenium (ppb)	Silver (ppb)
W-4	4/26/06	<0.79	NA	NA	2.3	4.0	NA	NA	NA
NR 140 ES (ppb)		*50*	*2,000*	*5*	*100*	*15*	*2*	*50*	*50*
NR 140 PAL (ppb)		*5*	*400*	*0.5*	*10*	*1.5*	*0.2*	*10*	*10*

Notes:
Concentrations that exceed their respective PAL are underlined.
Concentrations that exceed their respective ES are in **bold** type.

TestAmerica ANALYTICAL TESTING CORPORATION

Watertown Division
602 Commerce Drive
Watertown, WI 53094

Phone 920-261-1660 or 800-833-7036
Fax 920-261-8120

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring _____

Client Name: Todd Davies c/o EDS Client #: _____
Address: 6637 N. Sidney Pl
City/State/Zip Code: Milwaukee, WI 53209
Project Manager: Trent Ott
Telephone Number: (414) 228-9810 Fax: (414) 228-9840
Sampler Name: (Print Name) David Meverden
Sampler Signature: David Meverden

Project Name: Direct Development #2
Project #: 050807
Site/Location ID: Milwaukee State: WI
Report To: Trent Ott
Invoice To: Todd Davies c/o EDS
Quote #: _____ PO#: _____

TAT
X Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: (Y) N

QC Deliverables
___ None
___ Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: _____

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOC	PAH	Metals	DRO	Dup with MS	REMARKS
P-1: 0-2	4-14-06	11			S					1	2		X	X	X		X	PID = 1
P-2: 0-2	"	11:15			"					1	3		X	X	X	X	X	PID = <1
P-3: 0-2	"	11:30			"					1	2		X	X	X		X	PID = 1
P-4: 4-6	"	11:45			"					1	3		X	X	X	X	X	PID = <1
P5: 0-2	"	12:00			"					1	2		X	X	X		X	PID = 1
P-6: 6-8	"	12:15			"					1	3		X	X	X	X	X	PID = 1
P-7: 0-2	"	12:30			"					1	2		X	X	X		X	

Special Instructions:

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 6°
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment: FedEx

	Date:	Time:		Date:	Time:
Relinquished By: Trent Ott	4/7/06	10	Received By: Tony Wyatt	4/10/06	1026
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

TestAmerica
ANALYTICAL TESTING CORPORATION
602 Commerce Drive Watertown, WI 53094 * 800-833-7036 * Fax 920-261-8120

May 01, 2006

Client:	EDS - ENVIRONMENTAL AND DEV. SOLUTIONS 6637 N. Sidney Place Milwaukee, WI 53209	Work Order: Project Name: Project Number:	WPD0657 Direct Development #2 050807
Attn:	Mr. Trenton Ott	Date Received:	04/17/06

An executed copy of the chain of custody is also included as an addendum to this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-833-7036

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
P-1 0-2	WPD0657-01	04/14/06 11:00
P-2 0-2	WPD0657-02	04/14/06 11:15
P-3 0-2	WPD0657-03	04/14/06 11:30
P-4 4-6	WPD0657-04	04/14/06 11:45
P-5 0-2	WPD0657-05	04/14/06 12:00
P-6 6-8	WPD0657-06	04/14/06 12:15
P-7 0-2	WPD0657-07	04/14/06 12:30

Samples were received into laboratory at a temperature of 6 °C.

Wisconsin Certification Number: 128053530, DATCP #266

The Chain of Custody, 1 page, is included and is an integral part of this report.

Unless subcontracted, volatiles analyses (including VOC, PVOC, GRO, BTEX, and TPH gasoline) performed by TestAmerica Watertown at 1101 Industrial Drive, Units 9& 10. All other analyses performed at the address shown in the heading of this report.

Approved By:

Brian DeJong

TestAmerica Analytical - Watertown
Brian DeJong For Warren L. Topel
Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION
602 Commerce Drive Watertown, WI 53094 * 800-833-7036 * Fax 920-261-8120

EDS - ENVIRONMENTAL AND DEV. SOLUTIONS
6637 N. Sidney Place
Milwaukee, WI 53209
Mr. Trenton Ott

Work Order: WPD0657
Project: Direct Development #2
Project Number: 050807

Received: 04/17/06
Reported: 05/01/06 15:57

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WPD0657-01 (P-1 0-2 - Solid/Soil)						**Sampled: 04/14/06 11:00**			
General Chemistry Parameters									
% Solids	**84**		%	NA	1	04/24/06 23:59	amf	6040738	SW 5035
Metals									
Arsenic	**5.6**		mg/kg dry	2.2	1	04/24/06 12:28	mmm	6040657	SW 6010B
Barium	**49**		mg/kg dry	0.11	1	04/24/06 12:28	mmm	6040657	SW 6010B
Cadmium	**0.52**		mg/kg dry	0.10	1	04/24/06 12:28	mmm	6040657	SW 6010B
Chromium	**17**		mg/kg dry	0.18	1	04/24/06 12:28	mmm	6040657	SW 6010B
Lead	**54**		mg/kg dry	1.2	1	04/24/06 12:28	mmm	6040657	SW 6010B
Mercury	**0.030**		mg/kg dry	0.0100	1	04/25/06 12:47	mmm	6040735	EPA 245.5
Selenium	<4.7		mg/kg dry	4.0	1	04/24/06 12:28	mmm	6040657	SW 6010B
Silver	<0.13		mg/kg dry	0.11	1	04/24/06 12:28	mmm	6040657	SW 6010B
VOCs by SW8260B									
Benzene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
Bromobenzene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
Bromochloromethane	<41		ug/kg dry	35	1	04/30/06 16:36	EML	6040941	SW 8260B
Bromodichloromethane	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
Bromoform	<59		ug/kg dry	50	1	04/30/06 16:36	EML	6040941	SW 8260B
Bromomethane	<120		ug/kg dry	100	1	04/30/06 16:36	EML	6040941	SW 8260B
n-Butylbenzene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
sec-Butylbenzene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
tert-Butylbenzene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
Carbon Tetrachloride	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
Chlorobenzene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
Chlorodibromomethane	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
Chloroethane	<59		ug/kg dry	50	1	04/30/06 16:36	EML	6040941	SW 8260B
Chloroform	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
Chloromethane	<59		ug/kg dry	50	1	04/30/06 16:36	EML	6040941	SW 8260B
2-Chlorotoluene	<59		ug/kg dry	50	1	04/30/06 16:36	EML	6040941	SW 8260B
4-Chlorotoluene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
1,2-Dibromo-3-chloropropane	<59		ug/kg dry	50	1	04/30/06 16:36	EML	6040941	SW 8260B
1,2-Dibromoethane (EDB)	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
Dibromomethane	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
1,2-Dichlorobenzene	<36		ug/kg dry	30	1	04/30/06 16:36	EML	6040941	SW 8260B
1,3-Dichlorobenzene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
1,4-Dichlorobenzene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
Dichlorodifluoromethane	<59		ug/kg dry	50	1	04/30/06 16:36	EML	6040941	SW 8260B
1,1-Dichloroethane	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
1,2-Dichloroethane	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
1,1-Dichloroethene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
cis-1,2-Dichloroethene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
trans-1,2-Dichloroethene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
1,2-Dichloropropane	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
1,3-Dichloropropane	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
2,2-Dichloropropane	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
1,1-Dichloropropene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
cis-1,3-Dichloropropene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
trans-1,3-Dichloropropene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
2,3-Dichloropropene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
Isopropyl Ether	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
Ethylbenzene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B

TestAmerica Analytical - Watertown
Brian DeJong For Warren L. Topel
Project Manager

EDS - ENVIRONMENTAL AND DEV. SOLUTIONS
6637 N. Sidney Place
Milwaukee, WI 53209
Mr. Trenton Ott

Work Order: WPD0657
Project: Direct Development #2
Project Number: 050807

Received: 04/17/06
Reported: 05/01/06 15:57

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WPD0657-01 (P-1 0-2 - Solid/Soil) - cont.						**Sampled: 04/14/06 11:00**			
VOCs by SW8260B - cont.									
Hexachlorobutadiene	<41		ug/kg dry	35	1	04/30/06 16:36	EML	6040941	SW 8260B
Isopropylbenzene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
p-Isopropyltoluene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
Methylene Chloride	<59		ug/kg dry	50	1	04/30/06 16:36	EML	6040941	SW 8260B
Methyl tert-Butyl Ether	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
Naphthalene	**1000**	R2	ug/kg dry	50	1	04/30/06 16:36	EML	6040941	SW 8260B
n-Propylbenzene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
Styrene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
1,1,1,2-Tetrachloroethane	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
1,1,2,2-Tetrachloroethane	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
Tetrachloroethene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
Toluene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
1,2,3-Trichlorobenzene	<30	R2	ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
1,2,4-Trichlorobenzene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
1,1,1-Trichloroethane	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
1,1,2-Trichloroethane	<41		ug/kg dry	35	1	04/30/06 16:36	EML	6040941	SW 8260B
Trichloroethene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
Trichlorofluoromethane	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
1,2,3-Trichloropropane	<89		ug/kg dry	75	1	04/30/06 16:36	EML	6040941	SW 8260B
1,2,4-Trimethylbenzene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
1,3,5-Trimethylbenzene	<30		ug/kg dry	25	1	04/30/06 16:36	EML	6040941	SW 8260B
Vinyl chloride	<41		ug/kg dry	35	1	04/30/06 16:36	EML	6040941	SW 8260B
Xylenes, total	<100		ug/kg dry	85	1	04/30/06 16:36	EML	6040941	SW 8260B
Surr: Dibromofluoromethane (82-112%)	*97 %*								
Surr: Toluene-d8 (91-106%)	*100 %*								
Surr: 4-Bromofluorobenzene (89-110%)	*97 %*								
PNAs by SW8310									
Acenaphthene	**38000**		ug/kg dry	50	250	04/26/06 21:35	Cin	6040669	SW 8310
Acenaphthylene	<25000		ug/kg dry	85	250	04/26/06 21:35	Cin	6040669	SW 8310
Anthracene	**53000**		ug/kg dry	5.0	250	04/26/06 21:35	Cin	6040669	SW 8310
Benzo (a) anthracene	**48000**		ug/kg dry	5.0	250	04/26/06 21:35	Cin	6040669	SW 8310
Benzo (b) fluoranthene	**30000**		ug/kg dry	5.0	250	04/26/06 21:35	Cin	6040669	SW 8310
Benzo (k) fluoranthene	**18000**		ug/kg dry	5.0	250	04/26/06 21:35	Cin	6040669	SW 8310
Benzo (a) pyrene	**37000**		ug/kg dry	5.0	250	04/26/06 21:35	Cin	6040669	SW 8310
Benzo (g,h,i) perylene	**26000**		ug/kg dry	5.0	250	04/26/06 21:35	Cin	6040669	SW 8310
Chrysene	**38000**		ug/kg dry	5.0	250	04/26/06 21:35	Cin	6040669	SW 8310
Dibenzo (a,h) anthracene	**4200**		ug/kg dry	7.5	250	04/26/06 21:35	Cin	6040669	SW 8310
Fluoranthene	**150000**		ug/kg dry	10	250	04/26/06 21:35	Cin	6040669	SW 8310
Fluorene	**29000**		ug/kg dry	10	250	04/26/06 21:35	Cin	6040669	SW 8310
Indeno (1,2,3-cd) pyrene	**24000**		ug/kg dry	5.0	250	04/26/06 21:35	Cin	6040669	SW 8310
1-Methylnaphthalene	<8900		ug/kg dry	30	250	04/26/06 21:35	Cin	6040669	SW 8310
2-Methylnaphthalene	**110000**		ug/kg dry	25	250	04/26/06 21:35	Cin	6040669	SW 8310
Naphthalene	**10000**		ug/kg dry	30	250	04/26/06 21:35	Cin	6040669	SW 8310
Phenanthrene	**170000**		ug/kg dry	5.0	250	04/26/06 21:35	Cin	6040669	SW 8310
Pyrene	**94000**		ug/kg dry	5.0	250	04/26/06 21:35	Cin	6040669	SW 8310
Surr: 2-Fluorobiphenyl (62-124%)	*	*Z3*							

TestAmerica Analytical - Watertown
Brian DeJong For Warren L. Topel
Project Manager

EDS - ENVIRONMENTAL AND DEV. SOLUTIONS
6637 N. Sidney Place
Milwaukee, WI 53209
Mr. Trenton Ott

Work Order: WPD0657
Project: Direct Development #2
Project Number: 050807

Received: 04/17/06
Reported: 05/01/06 15:57

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WPD0657-02 (P-2 0-2 - Solid/Soil)						**Sampled: 04/14/06 11:15**			
General Chemistry Parameters									
% Solids	**93**		%	NA	1	04/24/06 23:59	amf	6040738	SW 5035
Metals									
Arsenic	**4.4**		mg/kg dry	2.2	1	04/24/06 12:34	mmm	6040657	SW 6010B
Barium	**15**		mg/kg dry	0.11	1	04/24/06 12:34	mmm	6040657	SW 6010B
Cadmium	<0.11		mg/kg dry	0.10	1	04/24/06 12:34	mmm	6040657	SW 6010B
Chromium	**5.6**		mg/kg dry	0.18	1	04/24/06 12:34	mmm	6040657	SW 6010B
Lead	**21**		mg/kg dry	1.2	1	04/24/06 12:34	mmm	6040657	SW 6010B
Mercury	**0.013**		mg/kg dry	0.0100	1	04/25/06 12:50	mmm	6040735	EPA 245.5
Selenium	<4.3		mg/kg dry	4.0	1	04/24/06 12:34	mmm	6040657	SW 6010B
Silver	**0.26**		mg/kg dry	0.11	1	04/24/06 12:34	mmm	6040657	SW 6010B
UST ANALYSIS PARAMETERS									
Diesel Range Organics	**2200**		mg/kg dry	5.0	90.3	04/22/06 03:38	JTS	6040640	WDNR DRO
VOCs by SW8260B									
Benzene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
Bromobenzene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
Bromochloromethane	<76		ug/kg dry	35	2	04/30/06 18:06	EML	6040941	SW 8260B
Bromodichloromethane	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
Bromoform	<110		ug/kg dry	50	2	04/30/06 18:06	EML	6040941	SW 8260B
Bromomethane	<220		ug/kg dry	100	2	04/30/06 18:06	EML	6040941	SW 8260B
n-Butylbenzene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
sec-Butylbenzene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
tert-Butylbenzene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
Carbon Tetrachloride	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
Chlorobenzene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
Chlorodibromomethane	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
Chloroethane	<110		ug/kg dry	50	2	04/30/06 18:06	EML	6040941	SW 8260B
Chloroform	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
Chloromethane	<110		ug/kg dry	50	2	04/30/06 18:06	EML	6040941	SW 8260B
2-Chlorotoluene	<110		ug/kg dry	50	2	04/30/06 18:06	EML	6040941	SW 8260B
4-Chlorotoluene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
1,2-Dibromo-3-chloropropane	<110		ug/kg dry	50	2	04/30/06 18:06	EML	6040941	SW 8260B
1,2-Dibromoethane (EDB)	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
Dibromomethane	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
1,2-Dichlorobenzene	<65		ug/kg dry	30	2	04/30/06 18:06	EML	6040941	SW 8260B
1,3-Dichlorobenzene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
1,4-Dichlorobenzene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
Dichlorodifluoromethane	<110		ug/kg dry	50	2	04/30/06 18:06	EML	6040941	SW 8260B
1,1-Dichloroethane	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
1,2-Dichloroethane	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
1,1-Dichloroethene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
cis-1,2-Dichloroethene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
trans-1,2-Dichloroethene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
1,2-Dichloropropane	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
1,3-Dichloropropane	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
2,2-Dichloropropane	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
1,1-Dichloropropene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
cis-1,3-Dichloropropene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
trans-1,3-Dichloropropene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
2,3-Dichloropropene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
Isopropyl Ether	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
Ethylbenzene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B

TestAmerica Analytical - Watertown
Brian DeJong For Warren L. Topel
Project Manager

EDS - ENVIRONMENTAL AND DEV. SOLUTIONS
6637 N. Sidney Place
Milwaukee, WI 53209
Mr. Trenton Ott

Work Order: WPD0657
Project: Direct Development #2
Project Number: 050807

Received: 04/17/06
Reported: 05/01/06 15:57

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WPD0657-02 (P-2 0-2 - Solid/Soil) - cont.						**Sampled: 04/14/06 11:15**			
VOCs by SW8260B - cont.									
Hexachlorobutadiene	<76		ug/kg dry	35	2	04/30/06 18:06	EML	6040941	SW 8260B
Isopropylbenzene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
p-Isopropyltoluene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
Methylene Chloride	<110		ug/kg dry	50	2	04/30/06 18:06	EML	6040941	SW 8260B
Methyl tert-Butyl Ether	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
Naphthalene	**7000**	R2	ug/kg dry	50	2	04/30/06 18:06	EML	6040941	SW 8260B
n-Propylbenzene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
Styrene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
1,1,1,2-Tetrachloroethane	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
1,1,2,2-Tetrachloroethane	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
Tetrachloroethene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
Toluene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
1,2,3-Trichlorobenzene	<54	R2	ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
1,2,4-Trichlorobenzene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
1,1,1-Trichloroethane	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
1,1,2-Trichloroethane	<76		ug/kg dry	35	2	04/30/06 18:06	EML	6040941	SW 8260B
Trichloroethene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
Trichlorofluoromethane	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
1,2,3-Trichloropropane	<160		ug/kg dry	75	2	04/30/06 18:06	EML	6040941	SW 8260B
1,2,4-Trimethylbenzene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
1,3,5-Trimethylbenzene	<54		ug/kg dry	25	2	04/30/06 18:06	EML	6040941	SW 8260B
Vinyl chloride	<76		ug/kg dry	35	2	04/30/06 18:06	EML	6040941	SW 8260B
Xylenes, total	<180		ug/kg dry	85	2	04/30/06 18:06	EML	6040941	SW 8260B
Surr: Dibromofluoromethane (82-112%)	*96 %*								
Surr: Toluene-d8 (91-106%)	*102 %*								
Surr: 4-Bromofluorobenzene (89-110%)	*98 %*								
PNAs by SW8310									
Acenaphthene	**78000**		ug/kg dry	50	225	04/26/06 23:05	Cin	6040669	SW 8310
Acenaphthylene	<21000		ug/kg dry	85	225	04/26/06 23:05	Cin	6040669	SW 8310
Anthracene	**110000**		ug/kg dry	5.0	225	04/26/06 23:05	Cin	6040669	SW 8310
Benzo (a) anthracene	**130000**		ug/kg dry	5.0	225	04/26/06 23:05	Cin	6040669	SW 8310
Benzo (b) fluoranthene	**79000**		ug/kg dry	5.0	225	04/26/06 23:05	Cin	6040669	SW 8310
Benzo (k) fluoranthene	**51000**		ug/kg dry	5.0	225	04/26/06 23:05	Cin	6040669	SW 8310
Benzo (a) pyrene	**110000**		ug/kg dry	5.0	225	04/26/06 23:05	Cin	6040669	SW 8310
Benzo (g,h,i) perylene	**75000**		ug/kg dry	5.0	225	04/26/06 23:05	Cin	6040669	SW 8310
Chrysene	**100000**		ug/kg dry	5.0	225	04/26/06 23:05	Cin	6040669	SW 8310
Dibenzo (a,h) anthracene	**12000**		ug/kg dry	7.5	225	04/26/06 23:05	Cin	6040669	SW 8310
Fluoranthene	**360000**		ug/kg dry	10	225	04/26/06 23:05	Cin	6040669	SW 8310
Fluorene	**55000**		ug/kg dry	10	225	04/26/06 23:05	Cin	6040669	SW 8310
Indeno (1,2,3-cd) pyrene	**69000**		ug/kg dry	5.0	225	04/26/06 23:05	Cin	6040669	SW 8310
1-Methylnaphthalene	**13000**		ug/kg dry	30	225	04/26/06 23:05	Cin	6040669	SW 8310
2-Methylnaphthalene	**210000**		ug/kg dry	25	225	04/26/06 23:05	Cin	6040669	SW 8310
Naphthalene	**20000**		ug/kg dry	30	225	04/26/06 23:05	Cin	6040669	SW 8310
Phenanthrene	**290000**		ug/kg dry	5.0	225	04/26/06 23:05	Cin	6040669	SW 8310
Pyrene	**220000**		ug/kg dry	5.0	225	04/26/06 23:05	Cin	6040669	SW 8310
Surr: 2-Fluorobiphenyl (62-124%)	*	*Z3*							

TestAmerica
ANALYTICAL TESTING CORPORATION
602 Commerce Drive Watertown, WI 53094 * 800-833-7036 * Fax 920-261-8120

EDS - ENVIRONMENTAL AND DEV. SOLUTIONS
6637 N. Sidney Place
Milwaukee, WI 53209
Mr. Trenton Ott

Work Order: WPD0657
Project: Direct Development #2
Project Number: 050807

Received: 04/17/06
Reported: 05/01/06 15:57

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WPD0657-03 (P-3 0-2 - Solid/Soil)						**Sampled: 04/14/06 11:30**			
General Chemistry Parameters									
% Solids	**87**		%	NA	1	04/25/06 23:59	ecl	6040789	SW 5035
Metals									
Arsenic	**3.7**		mg/kg dry	2.2	1	04/24/06 12:39	mmm	6040657	SW 6010B
Barium	**43**		mg/kg dry	0.11	1	04/24/06 12:39	mmm	6040657	SW 6010B
Cadmium	**0.21**		mg/kg dry	0.10	1	04/24/06 12:39	mmm	6040657	SW 6010B
Chromium	**15**		mg/kg dry	0.18	1	04/24/06 12:39	mmm	6040657	SW 6010B
Lead	**10**		mg/kg dry	1.2	1	04/24/06 12:39	mmm	6040657	SW 6010B
Mercury	**0.031**		mg/kg dry	0.0100	1	04/25/06 12:52	mmm	6040735	EPA 245.5
Selenium	<4.6		mg/kg dry	4.0	1	04/24/06 12:39	mmm	6040657	SW 6010B
Silver	<0.13		mg/kg dry	0.11	1	04/24/06 12:39	mmm	6040657	SW 6010B
VOCs by SW8260B									
Benzene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
Bromobenzene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
Bromochloromethane	<40		ug/kg dry	35	1	04/30/06 17:06	EML	6040941	SW 8260B
Bromodichloromethane	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
Bromoform	<57		ug/kg dry	50	1	04/30/06 17:06	EML	6040941	SW 8260B
Bromomethane	<110		ug/kg dry	100	1	04/30/06 17:06	EML	6040941	SW 8260B
n-Butylbenzene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
sec-Butylbenzene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
tert-Butylbenzene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
Carbon Tetrachloride	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
Chlorobenzene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
Chlorodibromomethane	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
Chloroethane	<57		ug/kg dry	50	1	04/30/06 17:06	EML	6040941	SW 8260B
Chloroform	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
Chloromethane	<57		ug/kg dry	50	1	04/30/06 17:06	EML	6040941	SW 8260B
2-Chlorotoluene	<57		ug/kg dry	50	1	04/30/06 17:06	EML	6040941	SW 8260B
4-Chlorotoluene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
1,2-Dibromo-3-chloropropane	<57		ug/kg dry	50	1	04/30/06 17:06	EML	6040941	SW 8260B
1,2-Dibromoethane (EDB)	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
Dibromomethane	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
1,2-Dichlorobenzene	<34		ug/kg dry	30	1	04/30/06 17:06	EML	6040941	SW 8260B
1,3-Dichlorobenzene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
1,4-Dichlorobenzene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
Dichlorodifluoromethane	<57		ug/kg dry	50	1	04/30/06 17:06	EML	6040941	SW 8260B
1,1-Dichloroethane	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
1,2-Dichloroethane	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
1,1-Dichloroethene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
cis-1,2-Dichloroethene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
trans-1,2-Dichloroethene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
1,2-Dichloropropane	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
1,3-Dichloropropane	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
2,2-Dichloropropane	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
1,1-Dichloropropene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
cis-1,3-Dichloropropene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
trans-1,3-Dichloropropene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
2,3-Dichloropropene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
Isopropyl Ether	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
Ethylbenzene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
Hexachlorobutadiene	<40		ug/kg dry	35	1	04/30/06 17:06	EML	6040941	SW 8260B
Isopropylbenzene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B

TestAmerica Analytical - Watertown
Brian DeJong For Warren L. Topel
Project Manager

EDS - ENVIRONMENTAL AND DEV. SOLUTIONS
6637 N. Sidney Place
Milwaukee, WI 53209
Mr. Trenton Ott

Work Order: WPD0657
Project: Direct Development #2
Project Number: 050807

Received: 04/17/06
Reported: 05/01/06 15:57

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WPD0657-03 (P-3 0-2 - Solid/Soil) - cont.						**Sampled: 04/14/06 11:30**			
VOCs by SW8260B - cont.									
p-Isopropyltoluene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
Methylene Chloride	<57		ug/kg dry	50	1	04/30/06 17:06	EML	6040941	SW 8260B
Methyl tert-Butyl Ether	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
Naphthalene	<57		ug/kg dry	50	1	05/01/06 13:21	EML	6050007	SW 8260B
n-Propylbenzene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
Styrene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
1,1,1,2-Tetrachloroethane	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
1,1,2,2-Tetrachloroethane	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
Tetrachloroethene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
Toluene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
1,2,3-Trichlorobenzene	<29	R2	ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
1,2,4-Trichlorobenzene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
1,1,1-Trichloroethane	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
1,1,2-Trichloroethane	<40		ug/kg dry	35	1	04/30/06 17:06	EML	6040941	SW 8260B
Trichloroethene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
Trichlorofluoromethane	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
1,2,3-Trichloropropane	<86		ug/kg dry	75	1	04/30/06 17:06	EML	6040941	SW 8260B
1,2,4-Trimethylbenzene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
1,3,5-Trimethylbenzene	<29		ug/kg dry	25	1	04/30/06 17:06	EML	6040941	SW 8260B
Vinyl chloride	<40		ug/kg dry	35	1	04/30/06 17:06	EML	6040941	SW 8260B
Xylenes, total	<97		ug/kg dry	85	1	04/30/06 17:06	EML	6040941	SW 8260B
Surr: Dibromofluoromethane (82-112%)	*98 %*								
Surr: Dibromofluoromethane (82-112%)	*102 %*								
Surr: Toluene-d8 (91-106%)	*104 %*								
Surr: Toluene-d8 (91-106%)	*101 %*								
Surr: 4-Bromofluorobenzene (89-110%)	*100 %*								
Surr: 4-Bromofluorobenzene (89-110%)	*98 %*								
PNAs by SW8310									
Acenaphthene	<57		ug/kg dry	50	1	04/25/06 20:32	Cin	6040669	SW 8310
Acenaphthylene	<97		ug/kg dry	85	1	04/25/06 20:32	Cin	6040669	SW 8310
Anthracene	**70**		ug/kg dry	5.0	1	04/25/06 20:32	Cin	6040669	SW 8310
Benzo (a) anthracene	**120**		ug/kg dry	5.0	1	04/25/06 20:32	Cin	6040669	SW 8310
Benzo (b) fluoranthene	**78**		ug/kg dry	5.0	1	04/25/06 20:32	Cin	6040669	SW 8310
Benzo (k) fluoranthene	**51**		ug/kg dry	5.0	1	04/25/06 20:32	Cin	6040669	SW 8310
Benzo (a) pyrene	**100**		ug/kg dry	5.0	1	04/25/06 20:32	Cin	6040669	SW 8310
Benzo (g,h,i) perylene	**79**		ug/kg dry	5.0	1	04/25/06 20:32	Cin	6040669	SW 8310
Chrysene	**99**		ug/kg dry	5.0	1	04/25/06 20:32	Cin	6040669	SW 8310
Dibenzo (a,h) anthracene	**110**		ug/kg dry	7.5	1	04/25/06 20:32	Cin	6040669	SW 8310
Fluoranthene	**340**		ug/kg dry	10	1	04/25/06 20:32	Cin	6040669	SW 8310
Fluorene	**24**		ug/kg dry	10	1	04/25/06 20:32	Cin	6040669	SW 8310
Indeno (1,2,3-cd) pyrene	**71**		ug/kg dry	5.0	1	04/25/06 20:32	Cin	6040669	SW 8310
1-Methylnaphthalene	<34		ug/kg dry	30	1	04/25/06 20:32	Cin	6040669	SW 8310
2-Methylnaphthalene	**110**		ug/kg dry	25	1	04/25/06 20:32	Cin	6040669	SW 8310
Naphthalene	<34		ug/kg dry	30	1	04/25/06 20:32	Cin	6040669	SW 8310
Phenanthrene	**210**		ug/kg dry	5.0	1	04/25/06 20:32	Cin	6040669	SW 8310
Pyrene	**240**		ug/kg dry	5.0	1	04/25/06 20:32	Cin	6040669	SW 8310
Surr: 2-Fluorobiphenyl (62-124%)	*105 %*								

TestAmerica Analytical - Watertown
Brian DeJong For Warren L. Topel
Project Manager

EDS - ENVIRONMENTAL AND DEV. SOLUTIONS
6637 N. Sidney Place
Milwaukee, WI 53209
Mr. Trenton Ott

Work Order: WPD0657
Project: Direct Development #2
Project Number: 050807

Received: 04/17/06
Reported: 05/01/06 15:57

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WPD0657-04 (P-4 4-6 - Solid/Soil)						**Sampled: 04/14/06 11:45**			
General Chemistry Parameters									
% Solids	**85**		%	NA	1	04/25/06 23:59	ecl	6040789	SW 5035
Metals									
Arsenic	**4.0**		mg/kg dry	2.2	1	04/24/06 12:45	mmm	6040657	SW 6010B
Barium	**11**		mg/kg dry	0.11	1	04/24/06 12:45	mmm	6040657	SW 6010B
Cadmium	<0.12		mg/kg dry	0.10	1	04/24/06 12:45	mmm	6040657	SW 6010B
Chromium	**6.8**		mg/kg dry	0.18	1	04/24/06 12:44	mmm	6040657	SW 6010B
Lead	**6.0**		mg/kg dry	1.2	1	04/24/06 12:45	mmm	6040657	SW 6010B
Mercury	<0.012		mg/kg dry	0.0100	1	04/25/06 12:54	mmm	6040735	EPA 245.5
Selenium	<4.7		mg/kg dry	4.0	1	04/24/06 12:45	mmm	6040657	SW 6010B
Silver	**0.13**		mg/kg dry	0.11	1	04/24/06 12:44	mmm	6040657	SW 6010B
UST ANALYSIS PARAMETERS									
Diesel Range Organics	**170**		mg/kg dry	5.0	8.77	04/22/06 02:57	JTS	6040640	WDNR DRO
VOCs by SW8260B									
Benzene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
Bromobenzene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
Bromochloromethane	<41		ug/kg dry	35	1	04/30/06 17:36	EML	6040941	SW 8260B
Bromodichloromethane	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
Bromoform	<59		ug/kg dry	50	1	04/30/06 17:36	EML	6040941	SW 8260B
Bromomethane	<120		ug/kg dry	100	1	04/30/06 17:36	EML	6040941	SW 8260B
n-Butylbenzene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
sec-Butylbenzene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
tert-Butylbenzene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
Carbon Tetrachloride	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
Chlorobenzene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
Chlorodibromomethane	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
Chloroethane	<59		ug/kg dry	50	1	04/30/06 17:36	EML	6040941	SW 8260B
Chloroform	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
Chloromethane	<59		ug/kg dry	50	1	04/30/06 17:36	EML	6040941	SW 8260B
2-Chlorotoluene	<59		ug/kg dry	50	1	04/30/06 17:36	EML	6040941	SW 8260B
4-Chlorotoluene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
1,2-Dibromo-3-chloropropane	<59		ug/kg dry	50	1	04/30/06 17:36	EML	6040941	SW 8260B
1,2-Dibromoethane (EDB)	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
Dibromomethane	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
1,2-Dichlorobenzene	<35		ug/kg dry	30	1	04/30/06 17:36	EML	6040941	SW 8260B
1,3-Dichlorobenzene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
1,4-Dichlorobenzene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
Dichlorodifluoromethane	<59		ug/kg dry	50	1	04/30/06 17:36	EML	6040941	SW 8260B
1,1-Dichloroethane	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
1,2-Dichloroethane	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
1,1-Dichloroethene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
cis-1,2-Dichloroethene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
trans-1,2-Dichloroethene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
1,2-Dichloropropane	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
1,3-Dichloropropane	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
2,2-Dichloropropane	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
1,1-Dichloropropene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
cis-1,3-Dichloropropene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
trans-1,3-Dichloropropene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
2,3-Dichloropropene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
Isopropyl Ether	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
Ethylbenzene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B

EDS - ENVIRONMENTAL AND DEV. SOLUTIONS
6637 N. Sidney Place
Milwaukee, WI 53209
Mr. Trenton Ott

Work Order: WPD0657
Project: Direct Development #2
Project Number: 050807

Received: 04/17/06
Reported: 05/01/06 15:57

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WPD0657-04 (P-4 4-6 - Solid/Soil) - cont.						**Sampled: 04/14/06 11:45**			
VOCs by SW8260B - cont.									
Hexachlorobutadiene	<41		ug/kg dry	35	1	04/30/06 17:36	EML	6040941	SW 8260B
Isopropylbenzene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
p-Isopropyltoluene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
Methylene Chloride	<59		ug/kg dry	50	1	04/30/06 17:36	EML	6040941	SW 8260B
Methyl tert-Butyl Ether	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
Naphthalene	**560**	R2	ug/kg dry	50	1	04/30/06 17:36	EML	6040941	SW 8260B
n-Propylbenzene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
Styrene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
1,1,1,2-Tetrachloroethane	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
1,1,2,2-Tetrachloroethane	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
Tetrachloroethene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
Toluene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
1,2,3-Trichlorobenzene	<29	R2	ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
1,2,4-Trichlorobenzene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
1,1,1-Trichloroethane	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
1,1,2-Trichloroethane	<41		ug/kg dry	35	1	04/30/06 17:36	EML	6040941	SW 8260B
Trichloroethene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
Trichlorofluoromethane	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
1,2,3-Trichloropropane	<88		ug/kg dry	75	1	04/30/06 17:36	EML	6040941	SW 8260B
1,2,4-Trimethylbenzene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
1,3,5-Trimethylbenzene	<29		ug/kg dry	25	1	04/30/06 17:36	EML	6040941	SW 8260B
Vinyl chloride	<41		ug/kg dry	35	1	04/30/06 17:36	EML	6040941	SW 8260B
Xylenes, total	<100		ug/kg dry	85	1	04/30/06 17:36	EML	6040941	SW 8260B
Surr: Dibromofluoromethane (82-112%)	*98 %*								
Surr: Toluene-d8 (91-106%)	*103 %*								
Surr: 4-Bromofluorobenzene (89-110%)	*98 %*								
PNAs by SW8310									
Acenaphthene	<2700		ug/kg dry	50	45	05/01/06 14:45	Cindy	6040669	SW 8310
Acenaphthylene	<4500		ug/kg dry	85	45	05/01/06 14:45	Cindy	6040669	SW 8310
Anthracene	**2400**		ug/kg dry	5.0	45	05/01/06 14:45	Cindy	6040669	SW 8310
Benzo (a) anthracene	**2100**		ug/kg dry	5.0	45	05/01/06 14:45	Cindy	6040669	SW 8310
Benzo (b) fluoranthene	**1400**		ug/kg dry	5.0	45	05/01/06 14:45	Cindy	6040669	SW 8310
Benzo (k) fluoranthene	**810**		ug/kg dry	5.0	45	05/01/06 14:45	Cindy	6040669	SW 8310
Benzo (a) pyrene	**1800**		ug/kg dry	5.0	45	05/01/06 14:45	Cindy	6040669	SW 8310
Benzo (g,h,i) perylene	**1300**		ug/kg dry	5.0	45	05/01/06 14:45	Cindy	6040669	SW 8310
Chrysene	**1700**		ug/kg dry	5.0	45	05/01/06 14:45	Cindy	6040669	SW 8310
Dibenzo (a,h) anthracene	<400		ug/kg dry	7.5	45	05/01/06 14:45	Cindy	6040669	SW 8310
Fluoranthene	**7600**		ug/kg dry	10	45	05/01/06 14:45	Cindy	6040669	SW 8310
Fluorene	**1000**		ug/kg dry	10	45	05/01/06 14:45	Cindy	6040669	SW 8310
Indeno (1,2,3-cd) pyrene	**1200**		ug/kg dry	5.0	45	05/01/06 14:45	Cindy	6040669	SW 8310
1-Methylnaphthalene	<1600		ug/kg dry	30	45	05/01/06 14:45	Cindy	6040669	SW 8310
2-Methylnaphthalene	**4800**		ug/kg dry	25	45	05/01/06 14:45	Cindy	6040669	SW 8310
Naphthalene	<1600		ug/kg dry	30	45	05/01/06 14:45	Cindy	6040669	SW 8310
Phenanthrene	**6900**		ug/kg dry	5.0	45	05/01/06 14:45	Cindy	6040669	SW 8310
Pyrene	**4700**		ug/kg dry	5.0	45	05/01/06 14:45	Cindy	6040669	SW 8310
Surr: 2-Fluorobiphenyl (62-124%)	*116%*								

EDS - ENVIRONMENTAL AND DEV. SOLUTIONS
6637 N. Sidney Place
Milwaukee, WI 53209
Mr. Trenton Ott

Work Order: WPD0657
Project: Direct Development #2
Project Number: 050807

Received: 04/17/06
Reported: 05/01/06 15:57

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WPD0657-05 (P-5 0-2 - Solid/Soil)						**Sampled: 04/14/06 12:00**			
General Chemistry Parameters									
% Solids	**92**		%	NA	1	04/25/06 23:59	ecl	6040789	SW 5035
Metals									
Arsenic	**3.3**		mg/kg dry	2.2	1	04/24/06 12:50	mmm	6040657	SW 6010B
Barium	**11**		mg/kg dry	0.11	1	04/24/06 12:50	mmm	6040657	SW 6010B
Cadmium	<0.11		mg/kg dry	0.10	1	04/24/06 12:50	mmm	6040657	SW 6010B
Chromium	**6.5**		mg/kg dry	0.18	1	04/24/06 12:50	mmm	6040657	SW 6010B
Lead	**6.6**		mg/kg dry	1.2	1	04/24/06 12:50	mmm	6040657	SW 6010B
Mercury	<0.011		mg/kg dry	0.0100	1	04/25/06 12:57	mmm	6040735	EPA 245.5
Selenium	<4.3		mg/kg dry	4.0	1	04/24/06 12:50	mmm	6040657	SW 6010B
Silver	<0.12		mg/kg dry	0.11	1	04/24/06 12:50	mmm	6040657	SW 6010B
VOCs by SW8260B									
Benzene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
Bromobenzene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
Bromochloromethane	<38		ug/kg dry	35	1	04/30/06 18:36	EML	6040941	SW 8260B
Bromodichloromethane	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
Bromoform	<54		ug/kg dry	50	1	04/30/06 18:36	EML	6040941	SW 8260B
Bromomethane	<110		ug/kg dry	100	1	04/30/06 18:36	EML	6040941	SW 8260B
n-Butylbenzene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
sec-Butylbenzene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
tert-Butylbenzene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
Carbon Tetrachloride	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
Chlorobenzene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
Chlorodibromomethane	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
Chloroethane	<54		ug/kg dry	50	1	04/30/06 18:36	EML	6040941	SW 8260B
Chloroform	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
Chloromethane	<54		ug/kg dry	50	1	04/30/06 18:36	EML	6040941	SW 8260B
2-Chlorotoluene	<54		ug/kg dry	50	1	04/30/06 18:36	EML	6040941	SW 8260B
4-Chlorotoluene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
1,2-Dibromo-3-chloropropane	<54		ug/kg dry	50	1	04/30/06 18:36	EML	6040941	SW 8260B
1,2-Dibromoethane (EDB)	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
Dibromomethane	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
1,2-Dichlorobenzene	<33		ug/kg dry	30	1	04/30/06 18:36	EML	6040941	SW 8260B
1,3-Dichlorobenzene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
1,4-Dichlorobenzene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
Dichlorodifluoromethane	<54		ug/kg dry	50	1	04/30/06 18:36	EML	6040941	SW 8260B
1,1-Dichloroethane	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
1,2-Dichloroethane	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
1,1-Dichloroethene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
cis-1,2-Dichloroethene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
trans-1,2-Dichloroethene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
1,2-Dichloropropane	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
1,3-Dichloropropane	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
2,2-Dichloropropane	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
1,1-Dichloropropene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
cis-1,3-Dichloropropene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
trans-1,3-Dichloropropene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
2,3-Dichloropropene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
Isopropyl Ether	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
Ethylbenzene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
Hexachlorobutadiene	<38		ug/kg dry	35	1	04/30/06 18:36	EML	6040941	SW 8260B
Isopropylbenzene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B

TestAmerica Analytical - Watertown
Brian DeJong For Warren L. Topel
Project Manager

EDS - ENVIRONMENTAL AND DEV. SOLUTIONS
6637 N. Sidney Place
Milwaukee, WI 53209
Mr. Trenton Ott

Work Order: WPD0657
Project: Direct Development #2
Project Number: 050807

Received: 04/17/06
Reported: 05/01/06 15:57

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WPD0657-05 (P-5 0-2 - Solid/Soil) - cont.						**Sampled: 04/14/06 12:00**			
VOCs by SW8260B - cont.									
p-Isopropyltoluene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
Methylene Chloride	<54		ug/kg dry	50	1	04/30/06 18:36	EML	6040941	SW 8260B
Methyl tert-Butyl Ether	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
Naphthalene	<54		ug/kg dry	50	1	05/01/06 13:51	EML	6050007	SW 8260B
n-Propylbenzene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
Styrene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
1,1,1,2-Tetrachloroethane	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
1,1,2,2-Tetrachloroethane	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
Tetrachloroethene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
Toluene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
1,2,3-Trichlorobenzene	<27	R2	ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
1,2,4-Trichlorobenzene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
1,1,1-Trichloroethane	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
1,1,2-Trichloroethane	<38		ug/kg dry	35	1	04/30/06 18:36	EML	6040941	SW 8260B
Trichloroethene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
Trichlorofluoromethane	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
1,2,3-Trichloropropane	<81		ug/kg dry	75	1	04/30/06 18:36	EML	6040941	SW 8260B
1,2,4-Trimethylbenzene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
1,3,5-Trimethylbenzene	<27		ug/kg dry	25	1	04/30/06 18:36	EML	6040941	SW 8260B
Vinyl chloride	<38		ug/kg dry	35	1	04/30/06 18:36	EML	6040941	SW 8260B
Xylenes, total	<92		ug/kg dry	85	1	04/30/06 18:36	EML	6040941	SW 8260B
Surr: Dibromofluoromethane (82-112%)	*90 %*								
Surr: Dibromofluoromethane (82-112%)	*96 %*								
Surr: Toluene-d8 (91-106%)	*104 %*								
Surr: Toluene-d8 (91-106%)	*100 %*								
Surr: 4-Bromofluorobenzene (89-110%)	*99 %*								
Surr: 4-Bromofluorobenzene (89-110%)	*100 %*								
PNAs by SW8310									
Acenaphthene	<54		ug/kg dry	50	1	04/26/06 20:35	Cin	6040669	SW 8310
Acenaphthylene	<92		ug/kg dry	85	1	04/26/06 20:35	Cin	6040669	SW 8310
Anthracene	**6.6**		ug/kg dry	5.0	1	04/26/06 20:35	Cin	6040669	SW 8310
Benzo (a) anthracene	**12**		ug/kg dry	5.0	1	04/26/06 20:35	Cin	6040669	SW 8310
Benzo (b) fluoranthene	**7.9**		ug/kg dry	5.0	1	04/26/06 20:35	Cin	6040669	SW 8310
Benzo (k) fluoranthene	**5.4**		ug/kg dry	5.0	1	04/26/06 20:35	Cin	6040669	SW 8310
Benzo (a) pyrene	**9.2**		ug/kg dry	5.0	1	04/26/06 20:35	Cin	6040669	SW 8310
Benzo (g,h,i) perylene	**7.9**		ug/kg dry	5.0	1	04/26/06 20:35	Cin	6040669	SW 8310
Chrysene	**9.6**		ug/kg dry	5.0	1	04/26/06 20:35	Cin	6040669	SW 8310
Dibenzo (a,h) anthracene	<8.1		ug/kg dry	7.5	1	04/26/06 20:35	Cin	6040669	SW 8310
Fluoranthene	**33**		ug/kg dry	10	1	04/26/06 20:35	Cin	6040669	SW 8310
Fluorene	<11		ug/kg dry	10	1	04/26/06 20:35	Cin	6040669	SW 8310
Indeno (1,2,3-cd) pyrene	**7.0**		ug/kg dry	5.0	1	04/26/06 20:35	Cin	6040669	SW 8310
1-Methylnaphthalene	<33		ug/kg dry	30	1	04/26/06 20:35	Cin	6040669	SW 8310
2-Methylnaphthalene	<27		ug/kg dry	25	1	04/26/06 20:35	Cin	6040669	SW 8310
Naphthalene	<33		ug/kg dry	30	1	04/26/06 20:35	Cin	6040669	SW 8310
Phenanthrene	**21**		ug/kg dry	5.0	1	04/26/06 20:35	Cin	6040669	SW 8310
Pyrene	**35**		ug/kg dry	5.0	1	04/26/06 20:35	Cin	6040669	SW 8310
Surr: 2-Fluorobiphenyl (62-124%)	*88 %*								

TestAmerica
ANALYTICAL TESTING CORPORATION
602 Commerce Drive Watertown, WI 53094 * 800-833-7036 * Fax 920-261-8120

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Work Order: WPD0657
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Project Number: 050807

Received: 04/17/06
Reported: 05/01/06 15:57

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WPD0657-06 (P-6 6-8 - Solid/Soil)						**Sampled: 04/14/06 12:15**			
General Chemistry Parameters									
% Solids	92		%	NA	1	04/25/06 23:59	ccl	6040789	SW 5035
Metals									
Arsenic	4.1		mg/kg dry	2.2	1	04/24/06 12:56	mmm	6040657	SW 6010B
Barium	19		mg/kg dry	0.11	1	04/24/06 12:56	mmm	6040657	SW 6010B
Cadmium	<0.11		mg/kg dry	0.10	1	04/24/06 12:56	mmm	6040657	SW 6010B
Chromium	11		mg/kg dry	0.18	1	04/24/06 12:55	mmm	6040657	SW 6010B
Lead	5.3		mg/kg dry	1.2	1	04/24/06 12:56	mmm	6040657	SW 6010B
Mercury	<0.011		mg/kg dry	0.0100	1	04/25/06 12:59	mmm	6040735	EPA 245.5
Selenium	<4.4		mg/kg dry	4.0	1	04/24/06 12:56	mmm	6040657	SW 6010B
Silver	<0.12		mg/kg dry	0.11	1	04/24/06 12:55	mmm	6040657	SW 6010B
UST ANALYSIS PARAMETERS									
Diesel Range Organics	8.7		mg/kg dry	5.0	0.85	04/22/06 00:51	JTS	6040640	WDNR DRO
VOCs by SW8260B									
Benzene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
Bromobenzene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
Bromochloromethane	<38		ug/kg dry	35	1	04/30/06 19:06	EML	6040941	SW 8260B
Bromodichloromethane	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
Bromoform	<55		ug/kg dry	50	1	04/30/06 19:06	EML	6040941	SW 8260B
Bromomethane	<110		ug/kg dry	100	1	04/30/06 19:06	EML	6040941	SW 8260B
n-Butylbenzene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
sec-Butylbenzene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
tert-Butylbenzene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
Carbon Tetrachloride	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
Chlorobenzene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
Chlorodibromomethane	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
Chloroethane	<55		ug/kg dry	50	1	04/30/06 19:06	EML	6040941	SW 8260B
Chloroform	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
Chloromethane	<55		ug/kg dry	50	1	04/30/06 19:06	EML	6040941	SW 8260B
2-Chlorotoluene	<55		ug/kg dry	50	1	04/30/06 19:06	EML	6040941	SW 8260B
4-Chlorotoluene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
1,2-Dibromo-3-chloropropane	<55		ug/kg dry	50	1	04/30/06 19:06	EML	6040941	SW 8260B
1,2-Dibromoethane (EDB)	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
Dibromomethane	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
1,2-Dichlorobenzene	<33		ug/kg dry	30	1	04/30/06 19:06	EML	6040941	SW 8260B
1,3-Dichlorobenzene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
1,4-Dichlorobenzene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
Dichlorodifluoromethane	<55		ug/kg dry	50	1	04/30/06 19:06	EML	6040941	SW 8260B
1,1-Dichloroethane	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
1,2-Dichloroethane	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
1,1-Dichloroethene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
cis-1,2-Dichloroethene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
trans-1,2-Dichloroethene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
1,2-Dichloropropane	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
1,3-Dichloropropane	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
2,2-Dichloropropane	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
1,1-Dichloropropene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
cis-1,3-Dichloropropene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
trans-1,3-Dichloropropene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
2,3-Dichloropropene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
Isopropyl Ether	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
Ethylbenzene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B

TestAmerica Analytical - Watertown
Brian DeJong For Warren L. Topel
Project Manager

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Mr. Trenton Ott

Work Order: WPD0657
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Project Number: 050807

Received: 04/17/06
Reported: 05/01/06 15:57

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WPD0657-06 (P-6 6-8 - Solid/Soil) - cont.						**Sampled: 04/14/06 12:15**			
VOCs by SW8260B - cont.									
Hexachlorobutadiene	<38		ug/kg dry	35	1	04/30/06 19:06	EML	6040941	SW 8260B
Isopropylbenzene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
p-Isopropyltoluene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
Methylene Chloride	<55		ug/kg dry	50	1	04/30/06 19:06	EML	6040941	SW 8260B
Methyl tert-Butyl Ether	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
Naphthalene	<55	R2	ug/kg dry	50	1	04/30/06 19:06	EML	6040941	SW 8260B
n-Propylbenzene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
Styrene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
1,1,1,2-Tetrachloroethane	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
1,1,2,2-Tetrachloroethane	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
Tetrachloroethene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
Toluene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
1,2,3-Trichlorobenzene	<27	R2	ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
1,2,4-Trichlorobenzene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
1,1,1-Trichloroethane	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
1,1,2-Trichloroethane	<38		ug/kg dry	35	1	04/30/06 19:06	EML	6040941	SW 8260B
Trichloroethene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
Trichlorofluoromethane	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
1,2,3-Trichloropropane	<82		ug/kg dry	75	1	04/30/06 19:06	EML	6040941	SW 8260B
1,2,4-Trimethylbenzene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
1,3,5-Trimethylbenzene	<27		ug/kg dry	25	1	04/30/06 19:06	EML	6040941	SW 8260B
Vinyl chloride	<38		ug/kg dry	35	1	04/30/06 19:06	EML	6040941	SW 8260B
Xylenes, total	<93		ug/kg dry	85	1	04/30/06 19:06	EML	6040941	SW 8260B
Surr: Dibromofluoromethane (82-112%)	*96 %*								
Surr: Toluene-d8 (91-106%)	*102 %*								
Surr: 4-Bromofluorobenzene (89-110%)	*101 %*								
PNAs by SW8310									
Acenaphthene	<55		ug/kg dry	50	1	04/25/06 21:32	Cin	6040669	SW 8310
Acenaphthylene	<93		ug/kg dry	85	1	04/25/06 21:32	Cin	6040669	SW 8310
Anthracene	**98**		ug/kg dry	5.0	1	04/25/06 21:32	Cin	6040669	SW 8310
Benzo (a) anthracene	**210**		ug/kg dry	5.0	1	04/25/06 21:32	Cin	6040669	SW 8310
Benzo (b) fluoranthene	**160**		ug/kg dry	5.0	1	04/25/06 21:32	Cin	6040669	SW 8310
Benzo (k) fluoranthene	**100**		ug/kg dry	5.0	1	04/25/06 21:32	Cin	6040669	SW 8310
Benzo (a) pyrene	**200**		ug/kg dry	5.0	1	04/25/06 21:32	Cin	6040669	SW 8310
Benzo (g,h,i) perylene	**170**		ug/kg dry	5.0	1	04/25/06 21:32	Cin	6040669	SW 8310
Chrysene	**180**		ug/kg dry	5.0	1	04/25/06 21:32	Cin	6040669	SW 8310
Dibenzo (a,h) anthracene	**240**		ug/kg dry	7.5	1	04/25/06 21:32	Cin	6040669	SW 8310
Fluoranthene	**580**		ug/kg dry	10	1	04/25/06 21:32	Cin	6040669	SW 8310
Fluorene	**23**		ug/kg dry	10	1	04/25/06 21:32	Cin	6040669	SW 8310
Indeno (1,2,3-cd) pyrene	**150**		ug/kg dry	5.0	1	04/25/06 21:32	Cin	6040669	SW 8310
1-Methylnaphthalene	<33		ug/kg dry	30	1	04/25/06 21:32	Cin	6040669	SW 8310
2-Methylnaphthalene	**120**		ug/kg dry	25	1	04/25/06 21:32	Cin	6040669	SW 8310
Naphthalene	<33		ug/kg dry	30	1	04/25/06 21:32	Cin	6040669	SW 8310
Phenanthrene	**210**		ug/kg dry	5.0	1	04/25/06 21:32	Cin	6040669	SW 8310
Pyrene	**430**		ug/kg dry	5.0	1	04/25/06 21:32	Cin	6040669	SW 8310
Surr: 2-Fluorobiphenyl (62-124%)	*106 %*								

TestAmerica
ANALYTICAL TESTING CORPORATION
602 Commerce Drive Watertown, WI 53094 * 800-833-7036 * Fax 920-261-8120

EDS - ENVIRONMENTAL AND DEV. SOLUTIONS
6637 N. Sidney Place
Milwaukee, WI 53209
Mr. Trenton Ott

Work Order: WPD0657
Project: Direct Development #2
Project Number: 050807

Received: 04/17/06
Reported: 05/01/06 15:57

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WPD0657-07 (P-7 0-2 - Solid/Soil)						**Sampled: 04/14/06 12:30**			
General Chemistry Parameters									
% Solids	**93**		%	NA	1	04/25/06 23:59	ecl	6040789	SW 5035
Metals									
Arsenic	**4.0**		mg/kg dry	2.2	1	04/24/06 13:07	mmm	6040657	SW 6010B
Barium	**12**		mg/kg dry	0.11	1	04/24/06 13:07	mmm	6040657	SW 6010B
Cadmium	<0.11		mg/kg dry	0.10	1	04/24/06 13:07	mmm	6040657	SW 6010B
Chromium	**6.4**		mg/kg dry	0.18	1	04/24/06 13:06	mmm	6040657	SW 6010B
Lead	**6.2**		mg/kg dry	1.2	1	04/24/06 13:07	mmm	6040657	SW 6010B
Mercury	<0.011		mg/kg dry	0.0100	1	04/25/06 13:10	mmm	6040735	EPA 245.5
Selenium	<4.3		mg/kg dry	4.0	1	04/24/06 13:07	mmm	6040657	SW 6010B
Silver	**0.15**		mg/kg dry	0.11	1	04/24/06 13:06	mmm	6040657	SW 6010B
VOCs by SW8260B									
Benzene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
Bromobenzene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
Bromochloromethane	<38		ug/kg dry	35	1	04/30/06 19:36	EML	6040941	SW 8260B
Bromodichloromethane	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
Bromoform	<54		ug/kg dry	50	1	04/30/06 19:36	EML	6040941	SW 8260B
Bromomethane	<110		ug/kg dry	100	1	04/30/06 19:36	EML	6040941	SW 8260B
n-Butylbenzene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
sec-Butylbenzene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
tert-Butylbenzene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
Carbon Tetrachloride	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
Chlorobenzene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
Chlorodibromomethane	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
Chloroethane	<54		ug/kg dry	50	1	04/30/06 19:36	EML	6040941	SW 8260B
Chloroform	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
Chloromethane	<54		ug/kg dry	50	1	04/30/06 19:36	EML	6040941	SW 8260B
2-Chlorotoluene	<54		ug/kg dry	50	1	04/30/06 19:36	EML	6040941	SW 8260B
4-Chlorotoluene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
1,2-Dibromo-3-chloropropane	<54		ug/kg dry	50	1	04/30/06 19:36	EML	6040941	SW 8260B
1,2-Dibromoethane (EDB)	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
Dibromomethane	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
1,2-Dichlorobenzene	<32		ug/kg dry	30	1	04/30/06 19:36	EML	6040941	SW 8260B
1,3-Dichlorobenzene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
1,4-Dichlorobenzene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
Dichlorodifluoromethane	<54		ug/kg dry	50	1	04/30/06 19:36	EML	6040941	SW 8260B
1,1-Dichloroethane	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
1,2-Dichloroethane	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
1,1-Dichloroethene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
cis-1,2-Dichloroethene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
trans-1,2-Dichloroethene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
1,2-Dichloropropane	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
1,3-Dichloropropane	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
2,2-Dichloropropane	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
1,1-Dichloropropene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
cis-1,3-Dichloropropene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
trans-1,3-Dichloropropene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
2,3-Dichloropropene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
Isopropyl Ether	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
Ethylbenzene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
Hexachlorobutadiene	<38		ug/kg dry	35	1	04/30/06 19:36	EML	6040941	SW 8260B
Isopropylbenzene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B

TestAmerica Analytical - Watertown
Brian DeJong For Warren L. Topel
Project Manager

EDS - ENVIRONMENTAL AND DEV. SOLUTIONS
6637 N. Sidney Place
Milwaukee, WI 53209
Mr. Trenton Ott

Work Order: WPD0657
Project: Direct Development #2
Project Number: 050807

Received: 04/17/06
Reported: 05/01/06 15:57

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WPD0657-07 (P-7 0-2 - Solid/Soil) - cont.						**Sampled: 04/14/06 12:30**			
VOCs by SW8260B - cont.									
p-Isopropyltoluene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
Methylene Chloride	<54		ug/kg dry	50	1	04/30/06 19:36	EML	6040941	SW 8260B
Methyl tert-Butyl Ether	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
Naphthalene	<54	R2	ug/kg dry	50	1	04/30/06 19:36	EML	6040941	SW 8260B
n-Propylbenzene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
Styrene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
1,1,1,2-Tetrachloroethane	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
1,1,2,2-Tetrachloroethane	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
Tetrachloroethene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
Toluene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
1,2,3-Trichlorobenzene	<27	R2	ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
1,2,4-Trichlorobenzene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
1,1,1-Trichloroethane	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
1,1,2-Trichloroethane	<38		ug/kg dry	35	1	04/30/06 19:36	EML	6040941	SW 8260B
Trichloroethene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
Trichlorofluoromethane	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
1,2,3-Trichloropropane	<80		ug/kg dry	75	1	04/30/06 19:36	EML	6040941	SW 8260B
1,2,4-Trimethylbenzene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
1,3,5-Trimethylbenzene	<27		ug/kg dry	25	1	04/30/06 19:36	EML	6040941	SW 8260B
Vinyl chloride	<38		ug/kg dry	35	1	04/30/06 19:36	EML	6040941	SW 8260B
Xylenes, total	<91		ug/kg dry	85	1	04/30/06 19:36	EML	6040941	SW 8260B
Surr: Dibromofluoromethane (82-112%)	*94 %*								
Surr: Toluene-d8 (91-106%)	*102 %*								
Surr: 4-Bromofluorobenzene (89-110%)	*99 %*								
PNAs by SW8310									
Acenaphthene	**140**		ug/kg dry	50	1	04/25/06 22:32	Cin	6040669	SW 8310
Acenaphthylene	<91		ug/kg dry	85	1	04/25/06 22:32	Cin	6040669	SW 8310
Anthracene	**270**		ug/kg dry	5.0	1	04/25/06 22:32	Cin	6040669	SW 8310
Benzo (a) anthracene	**390**		ug/kg dry	5.0	1	04/25/06 22:32	Cin	6040669	SW 8310
Benzo (b) fluoranthene	**240**		ug/kg dry	5.0	1	04/25/06 22:32	Cin	6040669	SW 8310
Benzo (k) fluoranthene	**160**		ug/kg dry	5.0	1	04/25/06 22:32	Cin	6040669	SW 8310
Benzo (a) pyrene	**300**		ug/kg dry	5.0	1	04/25/06 22:32	Cin	6040669	SW 8310
Benzo (g,h,i) perylene	**230**		ug/kg dry	5.0	1	04/25/06 22:32	Cin	6040669	SW 8310
Chrysene	**300**		ug/kg dry	5.0	1	04/25/06 22:32	Cin	6040669	SW 8310
Dibenzo (a,h) anthracene	**37**		ug/kg dry	7.5	1	04/25/06 22:32	Cin	6040669	SW 8310
Fluoranthene	**1200**		ug/kg dry	10	1	04/25/06 22:32	Cin	6040669	SW 8310
Fluorene	**120**		ug/kg dry	10	1	04/25/06 22:32	Cin	6040669	SW 8310
Indeno (1,2,3-cd) pyrene	**210**		ug/kg dry	5.0	1	04/25/06 22:32	Cin	6040669	SW 8310
1-Methylnaphthalene	<32		ug/kg dry	30	1	04/25/06 22:32	Cin	6040669	SW 8310
2-Methylnaphthalene	**470**		ug/kg dry	25	1	04/25/06 22:32	Cin	6040669	SW 8310
Naphthalene	**90**		ug/kg dry	30	1	04/25/06 22:32	Cin	6040669	SW 8310
Phenanthrene	**880**		ug/kg dry	5.0	1	04/25/06 22:32	Cin	6040669	SW 8310
Pyrene	**860**		ug/kg dry	5.0	1	04/25/06 22:32	Cin	6040669	SW 8310
Surr: 2-Fluorobiphenyl (62-124%)	*99 %*								

WPD1133

TestAmerica ANALYTICAL TESTING CORPORATION

Watertown Division
602 Commerce Drive
Watertown, WI 53094

Phone 920-261-1660 or 800-833-7036
Fax 920-261-8120

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring _____

Client Name: Todd Davies c/o EDS Client #: _____
Address: 6637 N. Sidney Pl Project Name: Direct Development #2
City/State/Zip Code: Milwaukee, WI 53209 Project #: 050807
Project Manager: Trent Ott Site/Location ID: Milwaukee State: WI
Telephone Number: (414) 228-9810 Fax: (414) 228-9840 Report To: Trent Ott
Sampler Name: (Print Name) David Menerden Invoice To: Todd Davies c/o EDS
Sampler Signature: [signature] Quote #: _____ PO#: _____

TAT: X Standard; ___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: (Y) N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOC	Metals (Non-Filtered)	PAH	Lab Filtered for Lit	QC Deliverables	REMARKS
W-2	4-26-06	1:30			GW		3				4		X	X			None	Metals
W-4	"	2:00			GW		3				2		X	X	X		Level 2 (Batch QC)	As
																	Level 3	Cr
																	Level 4	Pb
																	Other: _____	Trent+
																		WAMkw 4-27

Special Instructions: ~~Metals bottle for W-2 not full, do what you can with it.~~ Will call with metals analysis.

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 3.6C
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment: TA

	Date:	Time:		Date:	Time:
Relinquished By: [signature]	4/27/06	1115am	Received By: [signature]	4-27	1115
Relinquished By: [signature]	4-27	1450	Received By:		
Relinquished By:			Received By:	4/28	915

PAH

TestAmerica
ANALYTICAL TESTING CORPORATION
602 Commerce Drive Watertown, WI 53094 * 800-833-7036 * Fax 920-261-8120

May 10, 2006

Client:	EDS - ENVIRONMENTAL AND DEV. SOLUTIONS 6637 N. Sidney Place Milwaukee, WI 53209	Work Order: Project Name: Project Number:	WPD1133 Direct Development #2 050807
Attn:	Mr. Trenton Ott	Date Received:	04/27/06

An executed copy of the chain of custody is also included as an addendum to this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-833-7036

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
W-2	WPD1133-01	04/26/06 13:30
W-4	WPD1133-02	04/26/06 14:00

Samples were received into laboratory at a temperature of 3 °C.

Wisconsin Certification Number: 128053530, DATCP #266

The Chain of Custody, 1 page, is included and is an integral part of this report.

Unless subcontracted, volatiles analyses (including VOC, PVOC, GRO, BTEX, and TPH gasoline) performed by TestAmerica Watertown at 1101 Industrial Drive, Units 9&10. All other analyses performed at the address shown in the heading of this report.

Approved By:

Brian DeJong

TestAmerica Analytical - Watertown
Brian DeJong For Warren L. Topel
Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION
602 Commerce Drive Watertown, WI 53094 * 800-833-7036 * Fax 920-261-8120

EDS - ENVIRONMENTAL AND DEV. SOLUTIONS
6637 N. Sidney Place
Milwaukee, WI 53209
Mr. Trenton Ott

Work Order: WPD1133
Project: Direct Development #2
Project Number: 050807

Received: 04/27/06
Reported: 05/10/06 15:25

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WPD1133-01 (W-2 - Water - NonPotable)							**Sampled: 04/26/06 13:30**			
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Bromoform	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Bromomethane	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	0.83	1	05/02/06 12:39	LG	6050069	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Carbon Tetrachloride	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Chloroethane	<1.0		ug/L	1.0	3.3	1	05/02/06 12:39	LG	6050069	SW 8260B
Chloroform	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Chloromethane	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
1,4-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	0.83	1	05/02/06 12:39	LG	6050069	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	3.3	1	05/02/06 12:39	LG	6050069	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
Naphthalene	**9.3**		ug/L	0.25	0.83	1	05/02/06 12:39	LG	6050069	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
Styrene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	0.83	1	05/02/06 12:39	LG	6050069	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
Toluene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B

TestAmerica Analytical - Watertown
Brian DeJong For Warren L. Topel
Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION
602 Commerce Drive Watertown, WI 53094 * 800-833-7036 * Fax 920-261-8120

EDS - ENVIRONMENTAL AND DEV. SOLUTIONS
6637 N. Sidney Place
Milwaukee, WI 53209
Mr. Trenton Ott

Work Order: WPD1133
Project: Direct Development #2
Project Number: 050807

Received: 04/27/06
Reported: 05/10/06 15:25

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WPD1133-01 (W-2 - Water - NonPotable) - cont.							**Sampled: 04/26/06 13:30**			
VOCs by SW8260B - cont.										
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	05/02/06 12:39	LG	6050069	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	05/02/06 12:39	LG	6050069	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	0.83	1	05/02/06 12:39	LG	6050069	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
Surr: Dibromofluoromethane (89-119%)	*101 %*									
Surr: Toluene-d8 (91-109%)	*101 %*									
Surr: 4-Bromofluorobenzene (89-114%)	*95 %*									
Sample ID: WPD1133-02 (W-4 - Water - NonPotable)							**Sampled: 04/26/06 14:00**			
Metals Dissolved										
Arsenic	<0.00079		mg/L	0.00079	0.0028	1	05/01/06 14:18	gaf	6050020	EPA 206.2
Chromium	**0.0023**		mg/L	0.00019	0.00068	1	05/03/06 12:04	gaf	6050111	EPA 218.2
Lead	**0.0040**	J	mg/L	0.0014	0.0051	1	05/02/06 13:24	gaf	6050083	EPA 239.2
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Bromoform	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Bromomethane	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	0.83	1	05/02/06 12:08	LG	6050069	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Carbon Tetrachloride	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Chloroethane	<1.0		ug/L	1.0	3.3	1	05/02/06 12:08	LG	6050069	SW 8260B
Chloroform	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Chloromethane	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
1,4-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B

TestAmerica Analytical - Watertown
Brian DeJong For Warren L. Topel
Project Manager

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602 Commerce Drive Watertown, WI 53094 * 800-833-7036 * Fax 920-261-8120

EDS - ENVIRONMENTAL AND DEV. SOLUTIONS
6637 N. Sidney Place
Milwaukee, WI 53209
Mr. Trenton Ott

Work Order: WPD1133
Project: Direct Development #2
Project Number: 050807

Received: 04/27/06
Reported: 05/10/06 15:25

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WPD1133-02 (W-4 - Water - NonPotable) - cont.							**Sampled: 04/26/06 14:00**			
VOCs by SW8260B - cont.										
1,3-Dichloropropane	<0.25		ug/L	0.25	0.83	1	05/02/06 12:08	LG	6050069	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	3.3	1	05/02/06 12:08	LG	6050069	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
Naphthalene	**7.2**		ug/L	0.25	0.83	1	05/02/06 12:08	LG	6050069	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
Styrene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	0.83	1	05/02/06 12:08	LG	6050069	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
Toluene	**0.88**		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	05/02/06 12:08	LG	6050069	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	05/02/06 12:08	LG	6050069	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	0.83	1	05/02/06 12:08	LG	6050069	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
Surr: Dibromofluoromethane (89-119%)	*101 %*									
Surr: Toluene-d8 (91-109%)	*99 %*									
Surr: 4-Bromofluorobenzene (89-114%)	*95 %*									
PNAs by SW8310										
Acenaphthene	**59**		ug/L	0.33	1.2	25	05/10/06 09:57	Cindy	6050075	SW 8310
Acenaphthylene	<17		ug/L	0.69	2.4	25	05/10/06 09:57	Cindy	6050075	SW 8310
Anthracene	**50**	B	ug/L	0.038	0.13	25	05/10/06 09:57	Cindy	6050075	SW 8310
Benzo (a) anthracene	**120**		ug/L	0.044	0.15	25	05/10/06 09:57	Cindy	6050075	SW 8310
Benzo (b) fluoranthene	**100**		ug/L	0.098	0.35	25	05/10/06 09:57	Cindy	6050075	SW 8310
Benzo (k) fluoranthene	**66**	B	ug/L	0.049	0.18	25	05/10/06 09:57	Cindy	6050075	SW 8310
Benzo (a) pyrene	**150**	B	ug/L	0.032	0.11	25	05/10/06 09:57	Cindy	6050075	SW 8310
Benzo (g,h,i) perylene	**92**		ug/L	0.12	0.43	25	05/10/06 09:57	Cindy	6050075	SW 8310
Chrysene	**110**	B	ug/L	0.041	0.14	25	05/10/06 09:57	Cindy	6050075	SW 8310
Dibenzo (a,h) anthracene	**17**		ug/L	0.13	0.46	25	05/10/06 09:57	Cindy	6050075	SW 8310
Fluoranthene	**320**	B	ug/L	0.081	0.29	25	05/10/06 09:57	Cindy	6050075	SW 8310
Fluorene	**17**	B	ug/L	0.062	0.22	25	05/10/06 09:57	Cindy	6050075	SW 8310
Indeno (1,2,3-cd) pyrene	**100**		ug/L	0.062	0.22	25	05/10/06 09:57	Cindy	6050075	SW 8310
1-Methylnaphthalene	**10**	J	ug/L	0.32	1.1	25	05/10/06 09:57	Cindy	6050075	SW 8310
2-Methylnaphthalene	**110**		ug/L	0.31	1.1	25	05/10/06 09:57	Cindy	6050075	SW 8310
Naphthalene	**15**	J	ug/L	0.40	1.4	25	05/10/06 09:57	Cindy	6050075	SW 8310
Phenanthrene	**80**	B	ug/L	0.030	0.10	25	05/10/06 09:57	Cindy	6050075	SW 8310

TestAmerica Analytical - Watertown
Brian DeJong For Warren L. Topel
Project Manager

EDS - ENVIRONMENTAL AND DEV. SOLUTIONS
6637 N. Sidney Place
Milwaukee, WI 53209
Mr. Trenton Ott

Work Order: WPD1133
Project: Direct Development #2
Project Number: 050807

Received: 04/27/06
Reported: 05/10/06 15:25

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WPD1133-02RE1 (W-4 - Water - NonPotable) - cont.							**Sampled: 04/26/06 14:00**			
PNAs by SW8310 - cont.										
Pyrene	**210**	B	ug/L	0.044	0.16	25	05/10/06 09:57	Cindy	6050075	SW 8310
Surr: 2-Fluorobiphenyl (25-125%)	*73 %*									

TestAmerica
ANALYTICAL TESTING CORPORATION
602 Commerce Drive Watertown, WI 53094 * 800-833-7036 * Fax 920-261-8120

May 10, 2006

Client:	EDS - ENVIRONMENTAL AND DEV. SOLUTI	Work Order:	WPD1133
	6637 N. Sidney Place	Project Name:	Direct Development #2
	Milwaukee, WI 53209	Project Number:	050807
Attn:	Mr. Trenton Ott	Date Received:	04/27/06

An executed copy of the chain of custody is also included as an addendum to this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-833-7036

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
W-2	WPD1133-01	04/26/06 I3:30
W-4	WPD1133-02	04/26/06 14:00

Samples were received into laboratory at a temperature of 3 °C.

Wisconsin Certification Number: 128053530, DATCP #266

The Chain of Custody, 1 page, is included and is an integral part of this report.

Unless subcontracted, volatiles analyses (including VOC, PVOC, GRO, BTEX, and TPH gasoline) performed by TestAmerica Watertown at 1101 Industrial Drive, Units 9&10. All other analyses performed at the address shown in the heading of this report.

Approved By:

Brian DeJong

TestAmerica Analytical - Watertown
Brian DeJong For Warren L. Topel
Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION
602 Commerce Drive Watertown, WI 53094 * 800-833-7036 * Fax 920-261-8120

EDS - ENVIRONMENTAL AND DEV. SOLUTIONS
6637 N. Sidney Place
Milwaukee, WI 53209
Mr. Trenton Ott

Work Order: WPD1133
Project: Direct Development #2
Project Number: 050807

Received: 04/27/06
Reported: 05/10/06 15:25

ANALYTICAL REPORT

Sample ID: WPD1133-01 (W-2 - Water - NonPotable) **Sampled: 04/26/06 13:30**

VOCs by SW8260B

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Benzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Bromoform	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Bromomethane	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	0.83	1	05/02/06 12:39	LG	6050069	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Carbon Tetrachloride	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Chloroethane	<1.0		ug/L	1.0	3.3	1	05/02/06 12:39	LG	6050069	SW 8260B
Chloroform	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Chloromethane	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
1,4-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	0.83	1	05/02/06 12:39	LG	6050069	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	3.3	1	05/02/06 12:39	LG	6050069	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
Naphthalene	**9.3**		ug/L	0.25	0.83	1	05/02/06 12:39	LG	6050069	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
Styrene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	0.83	1	05/02/06 12:39	LG	6050069	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
Toluene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B

TestAmerica Analytical - Watertown
Brian DeJong For Warren L. Topel
Project Manager

EDS - ENVIRONMENTAL AND DEV. SOLUTIONS
6637 N. Sidney Place
Milwaukee, WI 53209
Mr. Trenton Ott

Work Order: WPD1133
Project: Direct Development #2
Project Number: 050807

Received: 04/27/06
Reported: 05/10/06 15:25

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WPD1133-01 (W-2 - Water - NonPotable) - cont.							**Sampled: 04/26/06 13:30**			
VOCs by SW8260B - cont.										
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	05/02/06 12:39	LG	6050069	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	05/02/06 12:39	LG	6050069	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	0.83	1	05/02/06 12:39	LG	6050069	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	0.67	1	05/02/06 12:39	LG	6050069	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	1.7	1	05/02/06 12:39	LG	6050069	SW 8260B
Surr: Dibromofluoromethane (89-119%)	*101 %*									
Surr: Toluene-d8 (91-109%)	*101 %*									
Surr: 4-Bromofluorobenzene (89-114%)	*95 %*									
Sample ID: WPD1133-02 (W-4 - Water - NonPotable)							**Sampled: 04/26/06 14:00**			
Metals Dissolved										
Arsenic	<0.00079		mg/L	0.00079	0.0028	1	05/01/06 14:18	gaf	6050020	EPA 206.2
Chromium	**0.0023**		mg/L	0.00019	0.00068	1	05/03/06 12:04	gaf	6050111	EPA 218.2
Lead	**0.0040**	J	mg/L	0.0014	0.0051	1	05/02/06 13:24	gaf	6050083	EPA 239.2
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Bromoform	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Bromomethane	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	0.83	1	05/02/06 12:08	LG	6050069	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Carbon Tetrachloride	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Chloroethane	<1.0		ug/L	1.0	3.3	1	05/02/06 12:08	LG	6050069	SW 8260B
Chloroform	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Chloromethane	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
1,4-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B

EDS - ENVIRONMENTAL AND DEV. SOLUTIONS
6637 N. Sidney Place
Milwaukee, WI 53209
Mr. Trenton Ott

Work Order: WPD1133
Project: Direct Development #2
Project Number: 050807

Received: 04/27/06
Reported: 05/10/06 15:25

Sample ID: WPD1133-02 (W-4 - Water - NonPotable) - cont. **Sampled: 04/26/06 14:00**

VOCs by SW8260B - cont.

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
1,3-Dichloropropane	<0.25		ug/L	0.25	0.83	1	05/02/06 12:08	LG	6050069	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	3.3	1	05/02/06 12:08	LG	6050069	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
Naphthalene	**7.2**		ug/L	0.25	0.83	1	05/02/06 12:08	LG	6050069	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
Styrene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	0.83	1	05/02/06 12:08	LG	6050069	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
Toluene	**0.88**		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	05/02/06 12:08	LG	6050069	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	05/02/06 12:08	LG	6050069	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	0.83	1	05/02/06 12:08	LG	6050069	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	0.67	1	05/02/06 12:08	LG	6050069	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	1.7	1	05/02/06 12:08	LG	6050069	SW 8260B
Surr: Dibromofluoromethane (89-119%)	*101 %*									
Surr: Toluene-d8 (91-109%)	*99 %*									
Surr: 4-Bromofluorobenzene (89-114%)	*95 %*									

PNAs by SW8310

Acenaphthene	**59**		ug/L	0.33	1.2	25	05/10/06 09:57	Cindy	6050075	SW 8310
Acenaphthylene	<17		ug/L	0.69	2.4	25	05/10/06 09:57	Cindy	6050075	SW 8310
Anthracene	**50**	B	ug/L	0.038	0.13	25	05/10/06 09:57	Cindy	6050075	SW 8310
Benzo (a) anthracene	**120**		ug/L	0.044	0.15	25	05/10/06 09:57	Cindy	6050075	SW 8310
Benzo (b) fluoranthene	**100**		ug/L	0.098	0.35	25	05/10/06 09:57	Cindy	6050075	SW 8310
Benzo (k) fluoranthene	**66**	B	ug/L	0.049	0.18	25	05/10/06 09:57	Cindy	6050075	SW 8310
Benzo (a) pyrene	**150**	B	ug/L	0.032	0.11	25	05/10/06 09:57	Cindy	6050075	SW 8310
Benzo (g,h,i) perylene	**92**		ug/L	0.12	0.43	25	05/10/06 09:57	Cindy	6050075	SW 8310
Chrysene	**110**	B	ug/L	0.041	0.14	25	05/10/06 09:57	Cindy	6050075	SW 8310
Dibenzo (a,h) anthracene	**17**		ug/L	0.13	0.46	25	05/10/06 09:57	Cindy	6050075	SW 8310
Fluoranthene	**320**	B	ug/L	0.081	0.29	25	05/10/06 09:57	Cindy	6050075	SW 8310
Fluorene	**17**	B	ug/L	0.062	0.22	25	05/10/06 09:57	Cindy	6050075	SW 8310
Indeno (1,2,3-cd) pyrene	**100**		ug/L	0.062	0.22	25	05/10/06 09:57	Cindy	6050075	SW 8310
1-Methylnaphthalene	**10**	J	ug/L	0.32	1.1	25	05/10/06 09:57	Cindy	6050075	SW 8310
2-Methylnaphthalene	**110**		ug/L	0.31	1.1	25	05/10/06 09:57	Cindy	6050075	SW 8310
Naphthalene	**15**	J	ug/L	0.40	1.4	25	05/10/06 09:57	Cindy	6050075	SW 8310
Phenanthrene	**80**	B	ug/L	0.030	0.10	25	05/10/06 09:57	Cindy	6050075	SW 8310

EDS - ENVIRONMENTAL AND DEV. SOLUTIONS
6637 N. Sidney Place
Milwaukee, WI 53209
Mr. Trenton Ott

Work Order: WPD1133
Project: Direct Development #2
Project Number: 050807

Received: 04/27/06
Reported: 05/10/06 15:25

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WPD1133-02RE1 (W-4 - Water - NonPotable) - cont.							**Sampled: 04/26/06 14:00**			
PNAs by SW8310 - cont.										
Pyrene	**210**	B	ug/L	0.044	0.16	25	05/10/06 09:57	Cindy	6050075	SW 8310
Surr: 2-Fluorobiphenyl (25-125%)	*73 %*									

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Reported: 05/10/06 15:25

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
PNAs by SW8310							
SW 8310	6050075	WPD1133-02	400	2	05/02/06 09:12	SLB	PNA8310/610

TestAmerica
ANALYTICAL TESTING CORPORATION
602 Commerce Drive Watertown, WI 53094 * 800-833-7036 * Fax 920-261-8120

EDS - ENVIRONMENTAL AND DEV. SOLUTIONS
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Milwaukee, WI 53209
Mr. Trenton Ott

Work Order: WPD1133
Project: Direct Development #2
Project Number: 050807

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Reported: 05/10/06 15:25

LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
VOCs by SW8260B														
Benzene	6050069			ug/L	0.20	0.67	<0.20							
Bromobenzene	6050069			ug/L	0.20	0.67	<0.20							
Bromochloromethane	6050069			ug/L	0.50	1.7	<0.50							
Bromodichloromethane	6050069			ug/L	0.20	0.67	<0.20							
Bromoform	6050069			ug/L	0.20	0.67	<0.20							
Bromomethane	6050069			ug/L	0.20	0.67	<0.20							
n-Butylbenzene	6050069			ug/L	0.20	0.67	<0.20							
sec-Butylbenzene	6050069			ug/L	0.25	0.83	<0.25							
tert-Butylbenzene	6050069			ug/L	0.20	0.67	<0.20							
Carbon Tetrachloride	6050069			ug/L	0.50	1.7	<0.50							
Chlorobenzene	6050069			ug/L	0.20	0.67	<0.20							
Chlorodibromomethane	6050069			ug/L	0.20	0.67	<0.20							
Chloroethane	6050069			ug/L	1.0	3.3	<1.0							
Chloroform	6050069			ug/L	0.20	0.67	<0.20							
Chloromethane	6050069			ug/L	0.20	0.67	<0.20							
2-Chlorotoluene	6050069			ug/L	0.50	1.7	<0.50							
4-Chlorotoluene	6050069			ug/L	0.20	0.67	<0.20							
1,2-Dibromo-3-chloropropane	6050069			ug/L	0.50	1.7	<0.50							
1,2-Dibromoethane (EDB)	6050069			ug/L	0.20	0.67	<0.20							
Dibromomethane	6050069			ug/L	0.20	0.67	<0.20							
1,2-Dichlorobenzene	6050069			ug/L	0.20	0.67	<0.20							
1,3-Dichlorobenzene	6050069			ug/L	0.20	0.67	<0.20							
1,4-Dichlorobenzene	6050069			ug/L	0.20	0.67	<0.20							
Dichlorodifluoromethane	6050069			ug/L	0.50	1.7	<0.50							
1,1-Dichloroethane	6050069			ug/L	0.50	1.7	<0.50							
1,2-Dichloroethane	6050069			ug/L	0.50	1.7	<0.50							
1,1-Dichloroethene	6050069			ug/L	0.50	1.7	<0.50							
cis-1,2-Dichloroethene	6050069			ug/L	0.50	1.7	<0.50							
trans-1,2-Dichloroethene	6050069			ug/L	0.50	1.7	<0.50							
1,2-Dichloropropane	6050069			ug/L	0.50	1.7	<0.50							
1,3-Dichloropropane	6050069			ug/L	0.25	0.83	<0.25							
2,2-Dichloropropane	6050069			ug/L	0.50	1.7	<0.50							
1,1-Dichloropropene	6050069			ug/L	0.50	1.7	<0.50							
cis-1,3-Dichloropropene	6050069			ug/L	0.20	0.67	<0.20							
trans-1,3-Dichloropropene	6050069			ug/L	0.20	0.67	<0.20							
Isopropyl Ether	6050069			ug/L	0.50	1.7	<0.50							
Ethylbenzene	6050069			ug/L	0.50	1.7	<0.50							
Hexachlorobutadiene	6050069			ug/L	0.50	1.7	<0.50							
Isopropylbenzene	6050069			ug/L	0.20	0.67	<0.20							
p-Isopropyltoluene	6050069			ug/L	0.20	0.67	<0.20							
Methylene Chloride	6050069			ug/L	1.0	3.3	<1.0							
Methyl tert-Butyl Ether	6050069			ug/L	0.50	1.7	<0.50							
Naphthalene	6050069			ug/L	0.25	0.83	<0.25							
n-Propylbenzene	6050069			ug/L	0.50	1.7	<0.50							
Styrene	6050069			ug/L	0.20	0.67	<0.20							

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EDS - ENVIRONMENTAL AND DEV. SOLUTIONS
6637 N. Sidney Place
Milwaukee, WI 53209
Mr. Trenton Ott

Work Order: WPD1133
Project: Direct Development #2
Project Number: 050807

Received: 04/27/06
Reported: 05/10/06 15:25

LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
VOCs by SW8260B														
1,1,1,2-Tetrachloroethane	6050069			ug/L	0.25	0.83	<0.25							
1,1,2,2-Tetrachloroethane	6050069			ug/L	0.20	0.67	<0.20							
Tetrachloroethene	6050069			ug/L	0.50	1.7	<0.50							
Tetrahydrofuran	6050069			ug/L	0.50	1.7	<0.50							
Toluene	6050069			ug/L	0.20	0.67	<0.20							
1,2,3-Trichlorobenzene	6050069			ug/L	0.25	0.83	<0.25							
1,2,4-Trichlorobenzene	6050069			ug/L	0.25	0.83	<0.25							
1,1,1-Trichloroethane	6050069			ug/L	0.50	1.7	<0.50							
1,1,2-Trichloroethane	6050069			ug/L	0.25	0.83	<0.25							
Trichloroethene	6050069			ug/L	0.20	0.67	<0.20							
Trichlorofluoromethane	6050069			ug/L	0.50	1.7	<0.50							
1,2,3-Trichloropropane	6050069			ug/L	0.50	1.7	<0.50							
1,2,4-Trimethylbenzene	6050069			ug/L	0.20	0.67	<0.20							
1,3,5-Trimethylbenzene	6050069			ug/L	0.20	0.67	<0.20							
Vinyl chloride	6050069			ug/L	0.20	0.67	<0.20							
Xylenes, Total	6050069			ug/L	0.50	1.7	<0.50							
Surrogate: Dibromofluoromethane	*6050069*			ug/L					*102*		*89-119*			
Surrogate: Toluene-d8	*6050069*			ug/L					*100*		*91-109*			
Surrogate: 4-Bromofluorobenzene	*6050069*			ug/L					*96*		*89-114*			
PNAs by SW8310														
Acenaphthene	6050075			ug/L	0.33	1.2	<0.33							
Acenaphthylene	6050075			ug/L	0.69	2.4	<0.69							
Anthracene	6050075			ug/L	0.038	0.13	0.104							J
Benzo (a) anthracene	6050075			ug/L	0.044	0.15	<0.044							
Benzo (b) fluoranthene	6050075			ug/L	0.098	0.35	<0.098							
Benzo (k) fluoranthene	6050075			ug/L	0.049	0.18	0.731							
Benzo (a) pyrene	6050075			ug/L	0.032	0.11	0.0593							J
Benzo (g,h,i) perylene	6050075			ug/L	0.12	0.43	<0.12							
Chrysene	6050075			ug/L	0.041	0.14	0.0807							J
Dibenzo (a,h) anthracene	6050075			ug/L	0.13	0.46	<0.13							
Fluoranthene	6050075			ug/L	0.081	0.29	0.230							J
Fluorene	6050075			ug/L	0.062	0.22	0.136							J
Indeno (1,2,3-cd) pyrene	6050075			ug/L	0.062	0.22	<0.062							
1-Methylnaphthalene	6050075			ug/L	0.32	1.1	<0.32							
2-Methylnaphthalene	6050075			ug/L	0.31	1.1	<0.31							
Naphthalene	6050075			ug/L	0.40	1.4	<0.40							
Phenanthrene	6050075			ug/L	0.030	0.10	0.409							
Pyrene	6050075			ug/L	0.044	0.16	0.0496							J
Surrogate: 2-Fluorobiphenyl	*6050075*			ug/L					*86*		*25-125*			

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Received: 04/27/06
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CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
VOCs by SW8260B														
Benzene	6E02007		50.0	ug/L	N/A	N/A	49.8		100		80-120			
Bromobenzene	6E02007		50.0	ug/L	N/A	N/A	48.4		97		80-120			
Bromochloromethane	6E02007		50.0	ug/L	N/A	N/A	47.6		95		80-120			
Bromodichloromethane	6E02007		50.0	ug/L	N/A	N/A	48.7		97		80-120			
Bromoform	6E02007		50.0	ug/L	N/A	N/A	49.3		99		80-120			
Bromomethane	6E02007		50.0	ug/L	N/A	N/A	44.7		89		80-120			
n-Butylbenzene	6E02007		50.0	ug/L	N/A	N/A	50.2		100		80-120			
sec-Butylbenzene	6E02007		50.0	ug/L	N/A	N/A	49.8		100		80-120			
tert-Butylbenzene	6E02007		50.0	ug/L	N/A	N/A	49.2		98		80-120			
Carbon Tetrachloride	6E02007		50.0	ug/L	N/A	N/A	49.9		100		80-120			
Chlorobenzene	6E02007		50.0	ug/L	N/A	N/A	48.8		98		80-120			
Chlorodibromomethane	6E02007		50.0	ug/L	N/A	N/A	49.0		98		80-120			
Chloroethane	6E02007		50.0	ug/L	N/A	N/A	47.2		94		80-120			
Chloroform	6E02007		50.0	ug/L	N/A	N/A	47.6		95		80-120			
Chloromethane	6E02007		50.0	ug/L	N/A	N/A	45.3		91		80-120			
2-Chlorotoluene	6E02007		50.0	ug/L	N/A	N/A	47.7		95		80-120			
4-Chlorotoluene	6E02007		50.0	ug/L	N/A	N/A	48.7		97		80-120			
1,2-Dibromo-3-chloropropane	6E02007		50.0	ug/L	N/A	N/A	48.2		96		80-120			
1,2-Dibromoethane (EDB)	6E02007		50.0	ug/L	N/A	N/A	47.3		95		80-120			
Dibromomethane	6E02007		50.0	ug/L	N/A	N/A	46.5		93		80-120			
1,2-Dichlorobenzene	6E02007		50.0	ug/L	N/A	N/A	48.6		97		80-120			
1,3-Dichlorobenzene	6E02007		50.0	ug/L	N/A	N/A	49.4		99		80-120			
1,4-Dichlorobenzene	6E02007		50.0	ug/L	N/A	N/A	46.8		94		80-120			
Dichlorodifluoromethane	6E02007		50.0	ug/L	N/A	N/A	45.9		92		80-120			
1,1-Dichloroethane	6E02007		50.0	ug/L	N/A	N/A	48.8		98		80-120			
1,2-Dichloroethane	6E02007		50.0	ug/L	N/A	N/A	48.3		97		80-120			
1,1-Dichloroethene	6E02007		50.0	ug/L	N/A	N/A	47.0		94		80-120			
cis-1,2-Dichloroethene	6E02007		50.0	ug/L	N/A	N/A	47.1		94		80-120			
trans-1,2-Dichloroethene	6E02007		50.0	ug/L	N/A	N/A	47.4		95		80-120			
1,2-Dichloropropane	6E02007		50.0	ug/L	N/A	N/A	48.3		97		80-120			
1,3-Dichloropropane	6E02007		50.0	ug/L	N/A	N/A	48.8		98		80-120			
2,2-Dichloropropane	6E02007		50.0	ug/L	N/A	N/A	50.8		102		80-120			
1,1-Dichloropropene	6E02007		50.0	ug/L	N/A	N/A	50.3		101		80-120			
cis-1,3-Dichloropropene	6E02007		50.0	ug/L	N/A	N/A	49.8		100		80-120			
trans-1,3-Dichloropropene	6E02007		50.0	ug/L	N/A	N/A	49.6		99		80-120			
Isopropyl Ether	6E02007		50.0	ug/L	N/A	N/A	50.2		100		80-120			
Ethylbenzene	6E02007		50.0	ug/L	N/A	N/A	50.3		101		80-120			
Hexachlorobutadiene	6E02007		50.0	ug/L	N/A	N/A	49.5		99		80-120			
Isopropylbenzene	6E02007		50.0	ug/L	N/A	N/A	51.3		103		80-120			
p-Isopropyltoluene	6E02007		50.0	ug/L	N/A	N/A	51.4		103		80-120			
Methylene Chloride	6E02007		50.0	ug/L	N/A	N/A	46.1		92		80-120			
Methyl tert-Butyl Ether	6E02007		50.0	ug/L	N/A	N/A	47.2		94		80-120			
Naphthalene	6E02007		50.0	ug/L	N/A	N/A	48.4		97		80-120			
n-Propylbenzene	6E02007		50.0	ug/L	N/A	N/A	48.6		97		80-120			
Styrene	6E02007		50.0	ug/L	N/A	N/A	50.9		102		80-120			

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Received: 04/27/06
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CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
VOCs by SW8260B														
1,1,1,2-Tetrachloroethane	6E02007		50.0	ug/L	N/A	N/A	50.4		101		80-120			
1,1,2,2-Tetrachloroethane	6E02007		50.0	ug/L	N/A	N/A	47.3		95		80-120			
Tetrachloroethene	6E02007		50.0	ug/L	N/A	N/A	46.8		94		80-120			
Toluene	6E02007		50.0	ug/L	N/A	N/A	48.3		97		80-120			
1,2,3-Trichlorobenzene	6E02007		50.0	ug/L	N/A	N/A	49.2		98		80-120			
1,2,4-Trichlorobenzene	6E02007		50.0	ug/L	N/A	N/A	48.0		96		80-120			
1,1,1-Trichloroethane	6E02007		50.0	ug/L	N/A	N/A	48.6		97		80-120			
1,1,2-Trichloroethane	6E02007		50.0	ug/L	N/A	N/A	47.5		95		80-120			
Trichloroethene	6E02007		50.0	ug/L	N/A	N/A	49.1		98		80-120			
Trichlorofluoromethane	6E02007		50.0	ug/L	N/A	N/A	48.0		96		80-120			
1,2,3-Trichloropropane	6E02007		50.0	ug/L	N/A	N/A	50.2		100		80-120			
1,2,4-Trimethylbenzene	6E02007		50.0	ug/L	N/A	N/A	49.2		98		80-120			
1,3,5-Trimethylbenzene	6E02007		50.0	ug/L	N/A	N/A	49.2		98		80-120			
Vinyl chloride	6E02007		50.0	ug/L	N/A	N/A	47.0		94		80-120			
Xylenes, Total	6E02007		150	ug/L	N/A	N/A	150		100		80-120			
Surrogate: Dibromofluoromethane	*6E02007*			ug/L					*101*		*89-119*			
Surrogate: Toluene-d8	*6E02007*			ug/L					*99*		*91-109*			
Surrogate: 4-Bromofluorobenzene	*6E02007*			ug/L					*103*		*89-114*			

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LABORATORY DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
Metals Dissolved													
QC Source Sample: WPD1136-04													
Arsenic	6050020	<0.00079		mg/L	0.00079	0.0028	<0.00079					12	
QC Source Sample: WPD1083-09													
Lead	6050083	<0.0014		mg/L	0.0014	0.0051	<0.0014					10	
QC Source Sample: WPD0938-05													
Chromium	6050111	0.00039		mg/L	0.00019	0.00068	0.000320				20	19	R2,J

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LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Dup Result	Dup % REC	% REC Limits	RPD	RPD Limit	Q
PNAs by SW8310												
Acenaphthene	6050075		10.0	ug/L	0.33	1.2	8.20	82	64-121			
Acenaphthylene	6050075		20.0	ug/L	0.69	2.4	16.8	84	64-122			
Anthracene	6050075		1.00	ug/L	0.038	0.13	0.815	82	52-118			B
Benzo (a) anthracene	6050075		1.00	ug/L	0.044	0.15	0.797	80	59-122			
Benzo (b) fluoranthene	6050075		2.00	ug/L	0.098	0.35	1.76	88	64-117			
Benzo (k) fluoranthene	6050075		1.00	ug/L	0.049	0.18	0.858	86	60-119			B
Benzo (a) pyrene	6050075		1.00	ug/L	0.032	0.11	0.806	81	50-115			B
Benzo (g,h,i) perylene	6050075		2.00	ug/L	0.12	0.43	1.47	74	56-118			
Chrysene	6050075		1.00	ug/L	0.041	0.14	0.797	80	64-119			B
Dibenzo (a,h) anthracene	6050075		2.00	ug/L	0.13	0.46	1.73	86	46-126			
Fluoranthene	6050075		2.00	ug/L	0.081	0.29	1.65	82	68-122			B
Fluorene	6050075		2.00	ug/L	0.062	0.22	1.76	88	61-126			B
Indeno (1,2,3-cd) pyrene	6050075		1.00	ug/L	0.062	0.22	1.03	103	58-119			
1-Methylnaphthalene	6050075		10.0	ug/L	0.32	1.1	7.60	76	57-118			
2-Methylnaphthalene	6050075		10.0	ug/L	0.31	1.1	7.46	75	51-119			
Naphthalene	6050075		10.0	ug/L	0.40	1.4	7.82	78	55-113			
Phenanthrene	6050075		1.00	ug/L	0.030	0.10	0.924	92	66-122			B
Pyrene	6050075		1.00	ug/L	0.044	0.16	0.880	88	56-123			B
Surrogate: 2-Fluorobiphenyl	*6050075*			ug/L				*85*	*51-122*			

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MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
Metals Dissolved														
QC Source Sample: WPD1136-05														
Arsenic	6050020	<0.00079	0.0200	mg/L	0.00079	0.0028	0.0155	0.0190	78	95	69-134	20	12	R2
QC Source Sample: WPD1133-02														
Lead	6050083	0.0040	0.0200	mg/L	0.0014	0.0051	0.0239	0.0242	100	101	73-122	1	10	
QC Source Sample: WPD1133-02														
Chromium	6050111	0.0023	0.00100	mg/L	0.00019	0.00068	0.00341	0.00346	111	116	77-137	1	19	
VOCs by SW8260B														
QC Source Sample: WPD1133-02														
Benzene	6050069	<0.20	50.0	ug/L	0.20	0.67	51.0	50.4	102	101	80-121	1	11	
Bromobenzene	6050069	<0.20	50.0	ug/L	0.20	0.67	49.0	48.7	98	97	70-130	1	20	
Bromochloromethane	6050069	<0.50	50.0	ug/L	0.50	1.7	48.8	47.6	98	95	70-130	2	20	
Bromodichloromethane	6050069	<0.20	50.0	ug/L	0.20	0.67	50.5	49.2	101	98	70-130	3	20	
Bromoform	6050069	<0.20	50.0	ug/L	0.20	0.67	52.7	51.1	105	102	70-130	3	20	
Bromomethane	6050069	<0.20	50.0	ug/L	0.20	0.67	47.6	47.8	95	96	70-130	0	20	
n-Butylbenzene	6050069	<0.20	50.0	ug/L	0.20	0.67	52.2	51.0	104	102	70-130	2	20	
sec-Butylbenzene	6050069	<0.25	50.0	ug/L	0.25	0.83	52.0	50.3	104	101	70-130	3	20	
tert-Butylbenzene	6050069	<0.20	50.0	ug/L	0.20	0.67	50.5	50.4	101	101	70-130	0	20	
Carbon Tetrachloride	6050069	<0.50	50.0	ug/L	0.50	1.7	51.7	51.0	103	102	70-130	1	20	
Chlorobenzene	6050069	<0.20	50.0	ug/L	0.20	0.67	50.1	48.8	100	98	85-116	3	9	
Chlorodibromomethane	6050069	<0.20	50.0	ug/L	0.20	0.67	51.1	49.5	102	99	70-130	3	20	
Chloroethane	6050069	<1.0	50.0	ug/L	1.0	3.3	46.4	46.0	93	92	70-130	1	20	
Chloroform	6050069	<0.20	50.0	ug/L	0.20	0.67	49.8	48.0	100	96	70-130	4	20	
Chloromethane	6050069	<0.20	50.0	ug/L	0.20	0.67	49.2	48.1	98	96	70-130	2	20	
2-Chlorotoluene	6050069	<0.50	50.0	ug/L	0.50	1.7	49.2	48.8	98	98	70-130	1	20	
4-Chlorotoluene	6050069	<0.20	50.0	ug/L	0.20	0.67	49.5	49.4	99	99	70-130	0	20	
1,2-Dibromo-3-chloropropane	6050069	<0.50	50.0	ug/L	0.50	1.7	52.5	52.2	105	104	70-130	1	20	
1,2-Dibromoethane (EDB)	6050069	<0.20	50.0	ug/L	0.20	0.67	49.8	47.5	100	95	70-130	5	20	
Dibromomethane	6050069	<0.20	50.0	ug/L	0.20	0.67	48.7	46.9	97	94	70-130	4	20	
1,2-Dichlorobenzene	6050069	<0.20	50.0	ug/L	0.20	0.67	49.5	48.6	99	97	70-130	2	20	
1,3-Dichlorobenzene	6050069	<0.20	50.0	ug/L	0.20	0.67	50.2	49.0	100	98	70-130	2	20	
1,4-Dichlorobenzene	6050069	<0.20	50.0	ug/L	0.20	0.67	49.4	48.6	99	97	70-130	2	20	
Dichlorodifluoromethane	6050069	<0.50	50.0	ug/L	0.50	1.7	52.4	51.9	105	104	70-130	1	20	
1,1-Dichloroethane	6050069	<0.50	50.0	ug/L	0.50	1.7	50.3	49.5	101	99	70-130	2	20	
1,2-Dichloroethane	6050069	<0.50	50.0	ug/L	0.50	1.7	49.3	47.5	99	95	70-130	4	20	
1,1-Dichloroethene	6050069	<0.50	50.0	ug/L	0.50	1.7	49.5	49.2	99	98	72-131	1	17	
cis-1,2-Dichloroethene	6050069	<0.50	50.0	ug/L	0.50	1.7	48.1	47.8	96	96	70-130	1	20	
trans-1,2-Dichloroethene	6050069	<0.50	50.0	ug/L	0.50	1.7	49.8	49.3	100	99	70-130	1	20	
1,2-Dichloropropane	6050069	<0.50	50.0	ug/L	0.50	1.7	50.2	48.8	100	98	70-130	3	20	
1,3-Dichloropropane	6050069	<0.25	50.0	ug/L	0.25	0.83	50.9	49.4	102	99	70-130	3	20	
2,2-Dichloropropane	6050069	<0.50	50.0	ug/L	0.50	1.7	53.6	51.9	107	104	70-130	3	20	
1,1-Dichloropropene	6050069	<0.50	50.0	ug/L	0.50	1.7	50.8	49.9	102	100	70-130	2	20	
cis-1,3-Dichloropropene	6050069	<0.20	50.0	ug/L	0.20	0.67	51.9	50.7	104	101	70-130	2	20	
trans-1,3-Dichloropropene	6050069	<0.20	50.0	ug/L	0.20	0.67	52.6	50.9	105	102	70-130	3	20	
Isopropyl Ether	6050069	<0.50	50.0	ug/L	0.50	1.7	50.4	50.0	101	100	68-128	1	16	
Ethylbenzene	6050069	<0.50	50.0	ug/L	0.50	1.7	51.5	49.7	103	99	83-118	4	13	
Hexachlorobutadiene	6050069	<0.50	50.0	ug/L	0.50	1.7	49.8	46.0	100	92	70-130	8	20	

TestAmerica
ANALYTICAL TESTING CORPORATION
602 Commerce Drive Watertown, WI 53094 * 800-833-7036 * Fax 920-261-8120

EDS - ENVIRONMENTAL AND DEV. SOLUTIONS
6637 N. Sidney Place
Milwaukee, WI 53209
Mr. Trenton Ott

Work Order: WPD1133
Project: Direct Development #2
Project Number: 050807

Received: 04/27/06
Reported: 05/10/06 15:25

MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL		Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
VOCs by SW8260B														
QC Source Sample: WPD1133-02														
Isopropylbenzene	6050069	<0.20	50.0	ug/L	0.20	0.67	52.6	50.6	105	101	70-130	4	20	
p-Isopropyltoluene	6050069	<0.20	50.0	ug/L	0.20	0.67	52.4	51.1	105	102	70-130	3	20	
Methylene Chloride	6050069	<1.0	50.0	ug/L	1.0	3.3	48.8	49.7	98	99	70-130	2	20	
Methyl tert-Butyl Ether	6050069	<0.50	50.0	ug/L	0.50	1.7	49.4	49.3	99	99	71-127	0	22	
Naphthalene	6050069	7.2	50.0	ug/L	0.25	0.83	68.7	66.4	123	118	70-130	3	20	
n-Propylbenzene	6050069	<0.50	50.0	ug/L	0.50	1.7	50.5	49.4	101	99	70-130	2	20	
Styrene	6050069	<0.20	50.0	ug/L	0.20	0.67	53.0	50.3	106	101	70-130	5	20	
1,1,1,2-Tetrachloroethane	6050069	<0.25	50.0	ug/L	0.25	0.83	51.7	48.9	103	98	70-130	6	20	
1,1,2,2-Tetrachloroethane	6050069	<0.20	50.0	ug/L	0.20	0.67	50.2	49.7	100	99	70-130	1	20	
Tetrachloroethene	6050069	<0.50	50.0	ug/L	0.50	1.7	49.3	48.9	99	98	70-130	1	20	
Toluene	6050069	0.88	50.0	ug/L	0.20	0.67	50.9	50.2	100	99	82-116	1	11	
1,2,3-Trichlorobenzene	6050069	<0.25	50.0	ug/L	0.25	0.83	53.0	50.7	106	101	70-130	4	20	
1,2,4-Trichlorobenzene	6050069	<0.25	50.0	ug/L	0.25	0.83	53.1	50.4	106	101	70-130	5	20	
1,1,1-Trichloroethane	6050069	<0.50	50.0	ug/L	0.50	1.7	50.8	50.0	102	100	70-130	2	20	
1,1,2-Trichloroethane	6050069	<0.25	50.0	ug/L	0.25	0.83	50.2	48.1	100	96	70-130	4	20	
Trichloroethene	6050069	<0.20	50.0	ug/L	0.20	0.67	49.2	48.3	98	97	80-117	2	13	
Trichlorofluoromethane	6050069	<0.50	50.0	ug/L	0.50	1.7	53.7	53.5	107	107	70-130	0	20	
1,2,3-Trichloropropane	6050069	<0.50	50.0	ug/L	0.50	1.7	52.7	51.3	105	103	70-130	3	20	
1,2,4-Trimethylbenzene	6050069	<0.20	50.0	ug/L	0.20	0.67	50.3	50.3	101	101	80-122	0	14	
1,3,5-Trimethylbenzene	6050069	<0.20	50.0	ug/L	0.20	0.67	50.3	49.1	101	98	83-122	2	12	
Vinyl chloride	6050069	<0.20	50.0	ug/L	0.20	0.67	51.8	50.9	104	102	70-130	2	20	
Xylenes, Total	6050069	<0.50	150	ug/L	0.50	1.7	153	147	102	98	84-119	4	12	
Surrogate: Dibromofluoromethane	*6050069*			ug/L					*99*	*100*	*89-119*			
Surrogate: Toluene-d8	*6050069*			ug/L					*100*	*99*	*91-109*			
Surrogate: 4-Bromofluorobenzene	*6050069*			ug/L					*102*	*101*	*89-114*			

TestAmerica Analytical - Watertown
Brian DeJong For Warren L. Topel
Project Manager

EDS - ENVIRONMENTAL AND DEV. SOLUTIONS	Work Order:	WPD1133	Received: 04/27/06
6637 N. Sidney Place	Project:	Direct Development #2	Reported: 05/10/06 15:25
Milwaukee, WI 53209	Project Number:	050807	
Mr. Trenton Ott			

CERTIFICATION SUMMARY

TestAmerica Analytical - Watertown

Method	Matrix	Nelac	Wisconsin
EPA 206.2	Water - NonPotable		X
EPA 218.2	Water - NonPotable	X	X
EPA 239.2	Water - NonPotable	X	X
SW 8260B	Water - NonPotable	X	X
SW 8310	Water - NonPotable		X

DATA QUALIFIERS AND DEFINITIONS

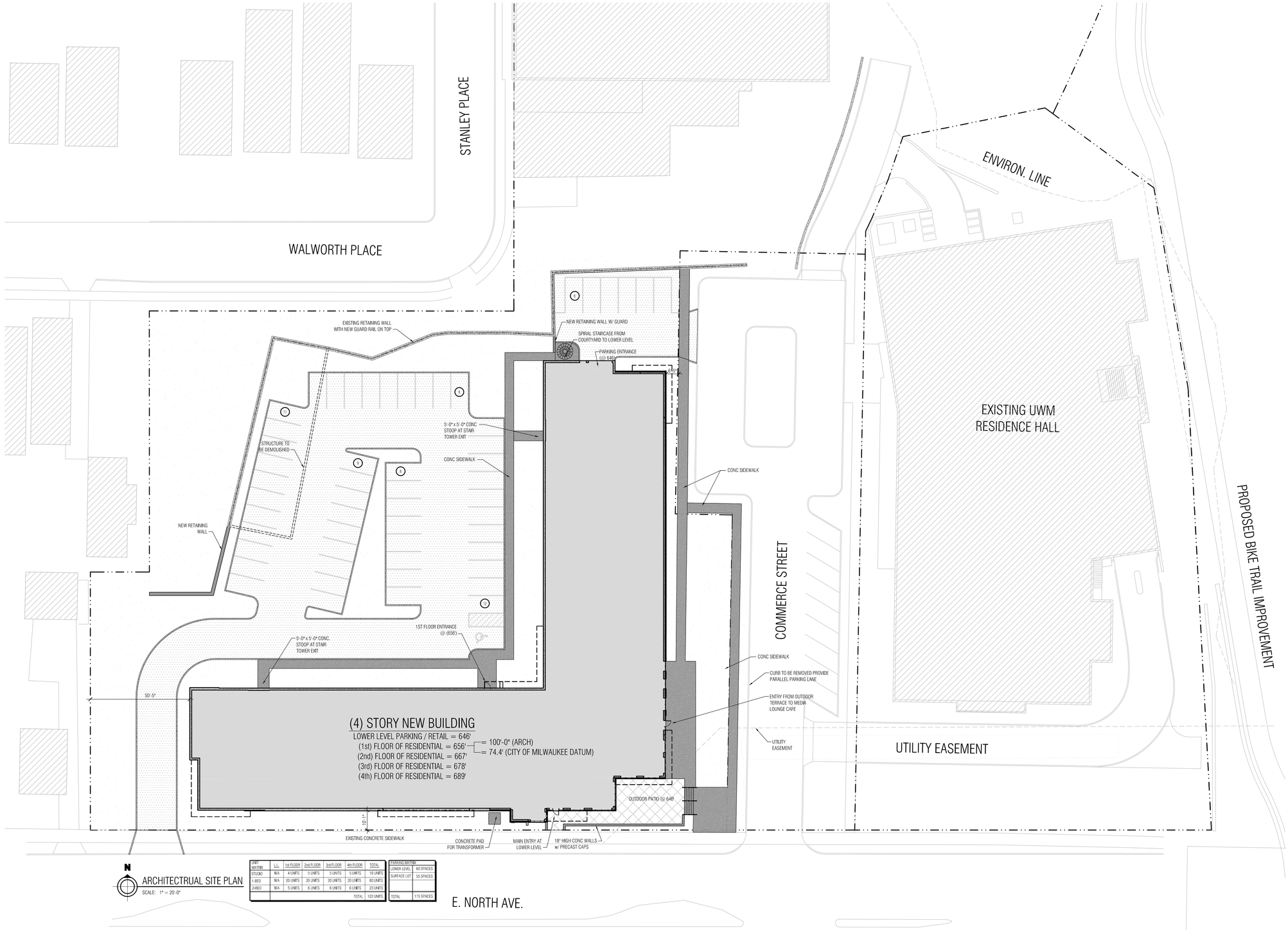
B Analyte was detected in the associated Method Blank.

J Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.

R2 The RPD exceeded the acceptance limit.

ADDITIONAL COMMENTS

APPENDIX D
Proposed Site Plan



N

ARCHITECTRUAL SITE PLAN

SCALE: 1" = 20'-0"

UNIT MATRIX	L.L.	1st FLOOR	2nd FLOOR	3rd FLOOR	4th FLOOR	TOTAL
STUDIO	N/A	4 UNITS	5 UNITS	5 UNITS	5 UNITS	19 UNITS
1-BED	N/A	20 UNITS	20 UNITS	20 UNITS	20 UNITS	80 UNITS
2-BED	N/A	5 UNITS	6 UNITS	6 UNITS	6 UNITS	23 UNITS
					TOTAL	122 UNITS

PARKING MATRIX	
LOWER LEVEL	60 SPACES
SURFACE LOT	55 SPACES
TOTAL	115 SPACES

SITE PLAN

ZAS Project # 0055.59 | Date Issued: 08.02.2011

1150 NORTH

MILWAUKEE, WI

ZIMMERMAN ARCHITECTURAL STUDIOS, INC.

5106 N. Port Washington Rd. | Glendale, WI 53217 | zastudios.com

APPENDIX E
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
1150 E. North Avenue	-	B-1

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tim Elbert PSI	7/28/2011	7/28/2011	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		MW-1	Feet MSL	Feet MSL	8.3 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/(N)
SW 1/4 of SE 1/4 of Section 16, T 7 N, R 22 E
Lat ___ ° ___ ' ___ "
Long ___ ° ___ ' ___ "
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

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

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 SS	24 24	NR NR NR NR	1	Gravelly sand fill, brown	SW			0.0						
2 SS	24 24	NR NR NR NR	3	Gravel fill, brown	GW			0.0						
3 SS	24 21	NR NR NR NR	5	Gravelly silty sand, brown	SM			0.0						Lab sample
4 SS	24 24	NR NR NR NR	7	Silty sand, brown, dense				0.0						
5 SS	24 23	NR NR NR NR	9		SM			0.0						
6 SS	24 3	NR NR NR NR	11	Silty gravel, brown				0.0						
7 SS	24 8	NR NR NR NR	13	brick debris	GM			0.0						

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

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

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number B-1 Use only as an attachment to Form 4400-122.

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
8 SS	24 20	NR NR NR NR	15	Silt, reddish brown	ML			0.0						
9 SS	24 10	NR NR NR NR	16 17	Silty sand, reddish brown, dense				0.0						
10 SS	24 1	NR NR NR NR	18 19					0.0						
11 SS	24 2	NR NR NR NR	20 21		SM			0.0						
12 SS	24 16	NR NR NR NR	22 23					0.0						
13 SS	24 8	NR NR NR NR	24 25	Wet				0.0						
14 SS	24 20	NR NR NR NR	26 27	Sandy silt, brown, wet	ML			0.0						
			28	End of boring. Monitoring well MW-1 installed.										

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
1150 E. North Avenue	-	B-4

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tim Elbert PSI	7/28/2011	7/29/2011	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	8.3 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/(N)
SW 1/4 of SE 1/4 of Section 16, T 7 N, R 22 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N Feet ☐ S ☐ E 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	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 SS	24 10	NR NR NR NR	1	Gravel fill, tr. organic material	GW			0.0						
2 SS	24 24	NR NR NR NR	2 3	Sandy silt, lt. brown	ML			5						Lab sample
3 SS	24 24	NR NR NR NR	4 5	Dark brown				0.0						
4 SS	24 24	NR NR NR NR	6 7	Sand, brown, some fill	SW			5						
5 SS	24 22	NR NR NR NR	8 9	Silt, dark brown, damp	ML			0.0						
6 SS	24 24	NR NR NR NR	10 11	Silty sand, brown	SM			0.0						
7 SS	24 22	NR NR NR NR	12 13 14	Sandy gravel, lt. brown	GW			0.0						

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

Signature	Firm	Tel:
	Sigma Environmental Services, Inc. 1300 W. Canal Street Milwaukee, WI 53233	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 may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number B-4 Use only as an attachment to Form 4400-122.

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
8 SS	24 21	NR NR NR NR	15	Sandy gravel, lt. brown *(continued)*	GW			0.0						
9 SS	24 20	NR NR NR NR	16 17	Gravelly sand, lt. brown	SW			0.0						
10 SS	24 22	NR NR NR NR	18 19					0.0						
11 SS	24 24	NR NR NR NR	20 21	Sand w/some gravel, reddish brown	SW			0.0						
12 SS	24 24	NR NR NR NR	22 23	Silty				0.0						
13 SS	24 24	NR NR NR NR	24 25	Silt w/gravel, reddish brown, dense	ML			0.0						
14 SS	24 24	NR NR NR NR	26 27					0.0						
			28	End of boring.										
			29											
			30											

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
1150 E. North Avenue	-	B-8

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tim Elbert PSI	7/29/2011	7/29/2011	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		MW-2	Feet MSL	Feet MSL	8.3 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/(N)
SW 1/4 of SE 1/4 of Section 16, 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	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 SS	24 20	NR NR NR NR	1	Clayey silt, brown	CL-ML			0.0						
			2	Sandy gravel fill, gray, loose	GW									
2 SS	24 24	NR NR NR NR	3	Silt fill, brick debris, dark brown w/rusty patches	ML			0.0						
			4	Silty clay w/tr. gravel, brown, damp, sl. stiff	CL									
3 SS	24 16	NR NR NR NR	5	Clayey silt, tr. gravel, brown, sl. stiff				0.0						
4 SS	24 24	NR NR NR NR	6 7	Dark brown	CL-ML			0.0						
5 SS	24 24	NR NR NR NR	8 9					0.0						
			10	Clay w/some sand, tr. brick debris, tr. wood, v. dark brown/black, sl. moist, soft	CL									
6 SS	24 24	NR NR NR NR	11	Clayey silt w/little sand and gravel, poss. fill, brown, moist, soft	CL-ML			0.0						
7 SS	24 24	NR NR NR NR	12 13	Clayey sand, dark gray, v. moist	SC			0.0						
			14	Silty clay, tr. gravel, brown, moist	CL									

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

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

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number B-8 Use only as an attachment to Form 4400-122.

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
8 SS	24 / 24	NR NR NR NR	15	Silty sand, tr. gravel, brown, moist	SM			0.0						
9 SS	24 / 24	NR NR NR NR	16 17					0.0						
				Clayey silt, brown, v. moist, soft										
10 SS	24 / 24	NR NR NR NR	18 19	Grayish brown, wet				0.0						
11 SS	24 / 12	NR NR NR NR	20 21 22		ML			0.0						
			23	Clayey silt, brown, damp, stiff										
12 SS	18 / 18	NR NR NR NR	24 25		CL-ML			0.0						
				End of boring, monitoring well MW-2 installed.										

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
1150 E. North Avenue	-	B-9

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tim Elbert PSI	7/29/2011	7/29/2011	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	8.3 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/(N)
SW 1/4 of SE 1/4 of Section 16, T 7 N, R 22 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

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

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 SS	24 24	NR NR NR NR	1	Clayey silt, brown, damp, stiff	CL-ML			0.0						
2 SS	24 24	NR NR NR NR	3	Silt w/some sand and gravel, tr. cinders, brown, damp, loose	ML			0.0						
3 SS	24 24	NR NR NR NR	5	Silty clay, little gravel, brown, sl. stiff, sl. moist	CL			0.0						
4 SS	24 24	NR NR NR NR	7					0.0						
5 SS	24 24	NR NR NR NR	9					0.0						
6 SS	24 24	NR NR NR NR	11					0.0						
7 SS	24 24	NR NR NR NR	13	Clayey silt, reddish brown, sl. moist, stiff	CL-ML			0.0						

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 SUPPLEMENT
Form 4400-122A

Boring Number B-9 Use only as an attachment to Form 4400-122.

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
8 SS	24 8	NR NR NR NR	15	Clayey silt, reddish brown, sl. moist, stiff *(continued)*				0.0						
9 SS	24 24	NR NR NR NR	16 17	Brown, tr. gravel, stiff	CL-ML			0.0						
10 SS	24 24	NR NR NR NR	18 19	Silt, tr. gravel, brown, damp, stiff	ML			0.0						
11 SS	24 24	NR NR NR NR	20 21 22 23	Not sampled				0.0						
12 SS	18 18	NR NR NR NR	24	Silty sand, brown, dense	SM			0.0						
			25 26 27 28	Not sampled										
13 SS	18 18	NR NR NR NR	29	Sandy silt, tr. gravel, brown, dry, dense	ML			0.0						
			30	End of boring.										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
1150 E. North Avenue	-	B-11

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Joe Sikora Sigma	7/29/2011	7/29/2011	direct push

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

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
SW 1/4 of SE 1/4 of Section 16, T 7 N, R 22 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N Feet ☐ S ☐ E 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	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	24 24	PUSH	1	Clayey silt, tr. gravel, brown, dry, loose				1.4						
2 GP	24 24	PUSH	2 3					1.4						
3 GP	24 24	PUSH	4 5	Moist, sl. stiff w/depth	CL-ML			1.4						
4 GP	24 24	PUSH	6 7					1.4						
5 GP	24 24	PUSH	8 9	Silt w/tr. sand and gravel, sl. moist	ML			1.4						
			10	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
1150 E. North Avenue	-	B-12

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Joe Sikora Sigma	7/29/2011	7/29/2011	direct push

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

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/(N)
SW 1/4 of SE 1/4 of Section 16, 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	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	24 24	PUSH	1	Silt w/some sand and gravel, fill, dark brown, loose, sl. moist				1.4						Lab sample
2 GP	24 24	PUSH	2 3		ML			1.4						
3 GP	24 24	PUSH	4 5	Clayey silt, tr. gravel, brown, sl. moist, stiff	CL-ML			1.4						
4 GP	24 24	PUSH	6 7	Clayey silt/silty clay, little gravel and sand, moist, soft				1.4						
5 GP	24 24	PUSH	8 9 10		CL-ML			1.4						
				End of boring.										

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

Signature	Firm	Tel:
	Sigma Environmental Services, Inc. 1300 W. Canal Street Milwaukee, WI 53233	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 may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
1150 E. North Avenue	-	GP-1

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Joe Sikora Sigma	7/29/2011	7/29/2011	direct push

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

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/(N)
SW 1/4 of SE 1/4 of Section 16, 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	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	24 24	PUSH	1	Gravelly silty sand fill, tr. asphalt debris	SM			1.4						Lab sample
2 GP	24 24	PUSH	2 3	Clayey silt, tr. gravel, brown, sl. moist, stiff				1.4						
3 GP	24 12	PUSH	4 5	Tr. gravel and sand, moist, soft				1.4						
4 GP	24 12	PUSH	6 7		CL-ML			1.4						
5 GP	24 24	PUSH	8 9					1.4						
6 GP	24 24	PUSH	10					1.4						
				Silty sand, brown, sl. moist, loose	SM									
				End of boring.										

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

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

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
1150 E. North Avenue	-	GP-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Joe Sikora Sigma	7/29/2011	7/29/2011	direct push

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

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/(N)
SW 1/4 of SE 1/4 of Section 16, T 7 N, R 22 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N Feet ☐ S ☐ E 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	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	24 -	PUSH	1	Refusal at 1-2 feet, probably concrete, no recovery.				-						
			2											
			3											
			4											
			5											
			6											
			7											
			8											
			9											
			10											

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

Signature	Firm	Tel:
	Sigma Environmental Services, Inc. 1300 W. Canal Street Milwaukee, WI 53233	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
1150 E. North Avenue	-	GP-3

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Joe Sikora Sigma	7/29/2011	7/29/2011	direct push

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

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/(N)
SW 1/4 of SE 1/4 of Section 16, T 7 N, R 22 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N Feet ☐ S ☐ E 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	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	24 -	PUSH	1	Refusal at 1-2 feet, probably concrete, no recovery.				-						
			2											
			3											
			4											
			5											
			6											
			7											
			8											
			9											
			10											

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

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
1150 E. North Avenue	-	GP-4

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Joe Sikora Sigma	7/29/2011	7/29/2011	direct push

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

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
SW 1/4 of SE 1/4 of Section 16, 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	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	24 24	PUSH	1	Asphalt pavement				1.4						
				Silt w/some sand and gravel, dry to damp, brown, sl. stiff										
2 GP	24 24	PUSH	2 3					1.4						
3 GP	24 24	PUSH	4 5		ML			1.4						
4 GP	24 24	PUSH	6 7					1.4						
5 GP	24 24	PUSH	8 9					1.4						
				Silty fine sand, moist, dense	SM									
6 GP	24 24	PUSH	10	Refusal encountered, end of boring.				1.4						

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

Signature	Firm	Tel:
	Sigma Environmental Services, Inc. 1300 W. Canal Street Milwaukee, WI 53233	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 may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

APPENDIX F
Monitoring Well Construction Forms and Borehole Abandonment 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: Commerce St. Lofts	Local Grid Location of Well ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W.	Well Name: MW1 B1
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: __/__/____ (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: Tim Ebert / PSI
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 3.45 ft. MSL
B. Well casing, top elevation 3 ft. MSL
C. Land surface elevation _____ ft. MSL
D. Surface seal, bottom 5 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 ☐ _____

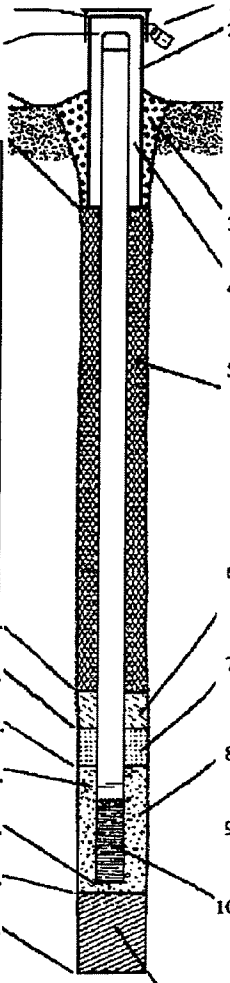
15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No

Describe _____

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

E. Bentonite seal, top _____ ft. MSL or _____ ft.
F. Fine sand, top _____ ft. MSL or 5 ft.
G. Filter pack, top _____ ft. MSL or 6 ft.
H. Screen joint, top _____ ft. MSL or 7 ft.
I. Well bottom _____ ft. MSL or 17 ft.
J. Filter pack, bottom _____ ft. MSL or 28 ft.
K. Borehole, bottom _____ ft. MSL or 28 ft.
L. Borehole, diameter 6.25 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: 4 in.
b. Length: 5 ft.
c. Material: Steel ☒ 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____
3. Surface seal: Bentonite ☒ 30 / Concrete ☐ 01 / Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐ _____
5. Annular space seal: a. Granular/Chipped Bentonite ☐ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. _____
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: Sch 40 PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ .010 PVC
b. Manufacturer _____
c. Slot size: 0.10 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☐ 14 / Other ☐ #40 Red Flint

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

Signature _____ Firm PSI

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

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Commerce St Lofts	Local Grid Location of Well ☐ ft. ☐ N. ☐ S. ☐ ft. ☐ E. ☐ W.	Well Name: B-8 MW2
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 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
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 3.5 ft. MSL

B. Well casing, top elevation 3.0 ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or 7.0 ft.

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

13. Sieve analysis performed? ☐ Yes ☐ No

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

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

16. Drilling additives used? ☐ Yes ☒ No

Describe _____

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

E. Bentonite seal, top _____ ft. MSL or 6" ft.

F. Fine sand, top _____ ft. MSL or 7 ft.

G. Filter pack, top _____ ft. MSL or 8 ft.

H. Screen joint, top _____ ft. MSL or 9 ft.

I. Well bottom _____ ft. MSL or 19 ft.

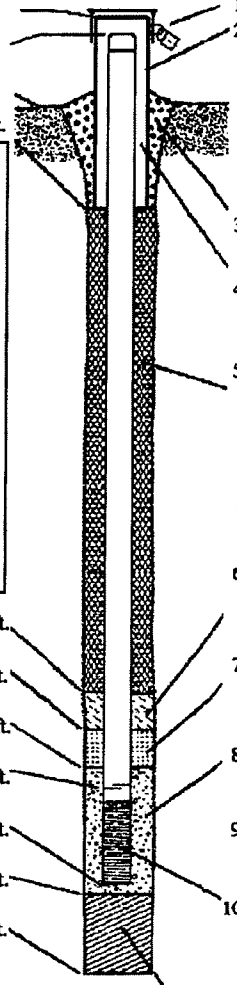
J. Filter pack, bottom _____ ft. MSL or 25 ft.

K. Borehole, bottom _____ ft. MSL or 25 ft.

L. Borehole, diameter 6.25 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: 4 in.
b. Length: 5 ft.
c. Material: Steel ☒ 04 / Other ☐
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

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

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

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

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

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

8. Filter pack material: Manufacturer, product name & mesh size
a. #40 sand Flint
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: 0.10 in.
d. Slotted length: 10 ft.

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

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

Signature _____ Firm PSF

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 Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, 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. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ **Verification Only of Fill and Seal**

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Milwaukee	_ _ _ _ _ _	

Latitude / Longitude (Degrees and Minutes) — Method Code (see instructions)

__ __ ° __ __ . __ __ __ 'N
__ __ ° __ __ . __ __ __ 'W

¼ / ¼	¼	Section	Township	Range
or Gov't Lot #			N	☐ E ☐ W

Well Street Address: 1150 North Ave

Well City, Village or Town: Milwaukee — Well ZIP Code

Subdivision Name — Lot #

Reason For Removal From Service — WI Unique Well # of Replacement Well: _ _ _ _ _ _

2. Facility / Owner Information

Facility Name: B-4

Facility ID (FID or PWS)

License/Permit/Monitoring #

Original Well Owner

Present Well Owner

Mailing Address of Present Owner

City of Present Owner — State — ZIP Code

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 7-29-11

If a Well Construction Report is available, please attach.

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

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
28'	
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
6.5	

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 and piping removed?	☐ Yes	☐ No	☐ N/A
Liner(s) removed?	☐ Yes	☐ No	☐ N/A
Screen removed?	☐ Yes	☐ No	☐ N/A
Casing left in place?	☐ Yes	☐ No	☐ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☐ N/A
Did sealing material rise to surface?	☐ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☐ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☐ Yes	☐ No	☐ N/A

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☒ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite chips	Surface	28'	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
PSI		7-29-11

Street or Route: N237 W2878 Woodgate rd — Telephone Number: ( )

City: Pewaukee — State: WI — ZIP Code — Signature of Person Doing Work — Date Signed: 7-29-11

DNR Use Only

Date Received	Noted By
Comments	

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, 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. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ **Verification Only of Fill and Seal**

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Milwaukee	_ _ _ _ _	

Lattitude / Longitude (Degrees and Minutes) — Method Code (see instructions)

_ _ ° _ _ . _ _ _ 'N
_ _ ° _ _ . _ _ _ 'W

¼ / ¼	¼	Section	Township	Range
or Gov't Lot #			N	☐ E ☐ W

Well Street Address: 1150 North Ave.

Well City, Village or Town: Milwaukee — Well ZIP Code

Subdivision Name — Lot #

Reason For Removal From Service — WI Unique Well # of Replacement Well: _ _ _ _ _

2. Facility / Owner Information

Facility Name: B-9

Facility ID (FID or PWS)

License/Permit/Monitoring #

Original Well Owner

Present Well Owner

Mailing Address of Present Owner

City of Present Owner — State — ZIP Code

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well ☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 7/29/11

If a Well Construction Report is available, please attach.

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

Formation Type: ☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.) — Casing Diameter (in.)

Lower Drillhole Diameter (in.): 6.25 — Casing Depth (ft.)

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 and piping removed?	☐ Yes	☐ No	☐ N/A
Liner(s) removed?	☐ Yes	☐ No	☐ N/A
Screen removed?	☐ Yes	☐ No	☐ N/A
Casing left in place?	☐ Yes	☐ No	☐ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☐ N/A
Did sealing material rise to surface?	☐ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☐ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☐ Yes	☐ No	☐ N/A

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☒ Bentonite Chips ☐ Bentonite - Cement Grout ☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite chip	Surface	30		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
PSI		7-30-11

Street or Route: W237 W2878 Woodgate rd — Telephone Number: ( )

City: Pewaukee — State: WI — ZIP Code: [redacted]

Signature of Person Doing Work: [redacted] — Date Signed: 7-30-11

DNR Use Only

Date Received	Noted By

Comments

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5 2/2000 Page 1 of 2

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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-1 Gov't Lot (if applicable)

Grid Location: SW 1/4 of SE 1/4 of Sec. 16 ; 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: 1150 E. North Avenue

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

Street Address of Well:

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) _____ Casing Diameter (in.) _____
(From ground surface)
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)
(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
3/8" bentonite chips	Surface	12.0		

(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work: Sigma Environmental

Date of Abandonment: 7/29/11

Signature of Person Doing Work

Date Signed: 7/29/11

Street or Route: 1300 W. 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 Page 1 of 2

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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: SW 1/4 of SE 1/4 of Sec. 16 ; 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: 1150 E. North Avenue

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

Street Address of Well:

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)
(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
3/8" bentonite chips	Surface	2.0		

(6) Comments _____

(7) Name of Person or Firm Doing Sealing Work: Sigma Environmental

Date of Abandonment: 7/29/11

Signature of Person Doing Work

Date Signed: 7/29/11

Street or Route: 1300 W. 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: SW 1/4 of SE 1/4 of Sec. 16 ; 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: 1150 E. North Avenue

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

Street Address of Well:

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)
(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
3/8" bentonite chips	Surface	1.0		

(6) Comments _____

(7) Name of Person or Firm Doing Sealing Work: Sigma Environmental | Date of Abandonment: 7/29/11

Signature of Person Doing Work | Date Signed: 7/29/11

Street or Route: 1300 W. 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: SW 1/4 of SE 1/4 of Sec. 16 ; T. 7 N; R. 22 ☒ E ☐ W

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

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

Lat ° ' " Long ° ' "

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: 1150 E. North Avenue

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

Street Address of Well:

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)
(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
3/8" bentonite chips	Surface	10.0		

(6) Comments _____

(7) Name of Person or Firm Doing Sealing Work: Sigma Environmental | Date of Abandonment: 7/29/11

Signature of Person Doing Work | Date Signed: 7/29/11

Street or Route: 1300 W. 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: B-11 Gov't Lot (if applicable)

Grid Location: SW 1/4 of SE 1/4 of Sec. 16 ; 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: 1150 E. North Avenue

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

Street Address of Well:

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)
(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
3/8" bentonite chips	Surface	10.0		

(6) Comments _____

(7) Name of Person or Firm Doing Sealing Work: Sigma Environmental

Date of Abandonment: 7/29/11

Signature of Person Doing Work

Date Signed: 7/28/11

Street or Route: 1300 W. 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 Page 1 of 2

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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: B-12 Gov't Lot (if applicable)

Grid Location: SW 1/4 of SE 1/4 of Sec. 16 ; 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: 1150 E. North Avenue

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

Street Address of Well:

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)
(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
3/8" bentonite chips	Surface	10.0		

(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work: Sigma Environmental

Date of Abandonment: 7/29/11

Signature of Person Doing Work:

Date Signed: 7/29/11

Street or Route: 1300 W. 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 G
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 *12-Aug-11*

Project Name 1150 NORTH
Project # 12053

Invoice # E22583

Lab Code 5022583A
Sample ID B-1 4-6
Sample Matrix soil
Sample Date 7/28/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	91.0	%			1	5021		8/4/2011	MDK	1
Inorganic										
Metals										
Lead, Total	2.0	mg/Kg	0.3	0.96	1	6010B		8/10/2011	CWT	1
Organic										
PAH SIM										
Acenaphthene	< 9.7	ug/kg	9.7	30.8	1	M8270D	8/3/2011	8/3/2011	MDK	1
Acenaphthylene	< 8.4	ug/kg	8.4	26.8	1	M8270D	8/3/2011	8/3/2011	MDK	1
Anthracene	49	ug/kg	10.2	32.4	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(a)anthracene	69	ug/kg	14.6	46.6	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(a)pyrene	41 "J"	ug/kg	16.6	52.8	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(b)fluoranthene	85	ug/kg	16.7	53.2	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(g,h,i)perylene	36	ug/kg	8.2	25.9	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(k)fluoranthene	32 "J"	ug/kg	16.1	51.4	1	M8270D	8/3/2011	8/3/2011	MDK	1
Chrysene	66	ug/kg	9.2	29.3	1	M8270D	8/3/2011	8/3/2011	MDK	1
Dibenzo(a,h)anthracene	< 10.5	ug/kg	10.5	33.5	1	M8270D	8/3/2011	8/3/2011	MDK	1
Fluoranthene	200	ug/kg	9.8	31.3	1	M8270D	8/3/2011	8/3/2011	MDK	1
Fluorene	11 "J"	ug/kg	10.7	33.9	1	M8270D	8/3/2011	8/3/2011	MDK	1
Indeno(1,2,3-cd)pyrene	27.6 "J"	ug/kg	9.5	30.2	1	M8270D	8/3/2011	8/3/2011	MDK	1
1-Methyl naphthalene	< 17.9	ug/kg	17.9	56.9	1	M8270D	8/3/2011	8/3/2011	MDK	1
2-Methyl naphthalene	< 9.6	ug/kg	9.6	30.4	1	M8270D	8/3/2011	8/3/2011	MDK	1
Naphthalene	< 10.8	ug/kg	10.8	34.5	1	M8270D	8/3/2011	8/3/2011	MDK	1
Phenanthrene	96	ug/kg	9.8	31.1	1	M8270D	8/3/2011	8/3/2011	MDK	1
Pyrene	156	ug/kg	9.5	30.3	1	M8270D	8/3/2011	8/3/2011	MDK	1
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		8/2/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		8/2/2011	CJR	1

Project Name 1150 NORTH
Project # 12053

Invoice # E22583

Lab Code 5022583A
Sample ID B-1 4-6
Sample Matrix soil
Sample Date 7/28/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		8/2/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		8/2/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		8/2/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		8/2/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		8/2/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		8/2/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		8/2/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		8/2/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		8/2/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		8/2/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		8/2/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		8/2/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		8/2/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		8/2/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		8/2/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		8/2/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		8/2/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		8/2/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		8/2/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		8/2/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		8/2/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		8/2/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		8/2/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		8/2/2011	CJR	8
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		8/2/2011	CJR	4 7 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		8/2/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		8/2/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		8/2/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		8/2/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		8/2/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		8/2/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		8/2/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		8/2/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		8/2/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		8/2/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		8/2/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		8/2/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		8/2/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		8/2/2011	CJR	4 8
Toluene	< 50	ug/kg	50	159	1	8260B		8/2/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		8/2/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		8/2/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		8/2/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		8/2/2011	CJR	1
Trichloroethene (TCE)	< 17	ug/kg	17	53	1	8260B		8/2/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		8/2/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		8/2/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		8/2/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		8/2/2011	CJR	8
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		8/2/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		8/2/2011	CJR	1
SUR - 4-Bromofluorobenzene	102	Rec %			1	8260B		8/2/2011	CJR	1

Project Name 1150 NORTH **Invoice #** E22583
Project # 12053

Lab Code 5022583A
Sample ID B-1 4-6
Sample Matrix soil
Sample Date 7/28/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - Dibromofluoromethane	96	Rec %			1	8260B		8/2/2011	CJR	1
SUR - Toluene-d8	84	Rec %			1	8260B		8/2/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	108	Rec %			1	8260B		8/2/2011	CJR	1

Lab Code 5022583B
Sample ID B-4 2-4
Sample Matrix soil
Sample Date 7/28/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	95.2	%			1	5021		8/4/2011	MDK	1
Inorganic										
Metals										
Lead, Total	3.8	mg/Kg	0.3	0.96	1	6010B		8/10/2011	CWT	1
Organic										
PAH SIM										
Acenaphthene	< 9.7	ug/kg	9.7	30.8	1	M8270D	8/3/2011	8/3/2011	MDK	1
Acenaphthylene	< 8.4	ug/kg	8.4	26.8	1	M8270D	8/3/2011	8/3/2011	MDK	1
Anthracene	< 10.2	ug/kg	10.2	32.4	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(a)anthracene	< 14.6	ug/kg	14.6	46.6	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(a)pyrene	< 16.6	ug/kg	16.6	52.8	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(b)fluoranthene	< 16.7	ug/kg	16.7	53.2	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(g,h,i)perylene	< 8.2	ug/kg	8.2	25.9	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(k)fluoranthene	< 16.1	ug/kg	16.1	51.4	1	M8270D	8/3/2011	8/3/2011	MDK	1
Chrysene	13.7 "J"	ug/kg	9.2	29.3	1	M8270D	8/3/2011	8/3/2011	MDK	1
Dibenzo(a,h)anthracene	< 10.5	ug/kg	10.5	33.5	1	M8270D	8/3/2011	8/3/2011	MDK	1
Fluoranthene	22.3 "J"	ug/kg	9.8	31.3	1	M8270D	8/3/2011	8/3/2011	MDK	1
Fluorene	< 10.7	ug/kg	10.7	33.9	1	M8270D	8/3/2011	8/3/2011	MDK	1
Indeno(1,2,3-cd)pyrene	< 9.5	ug/kg	9.5	30.2	1	M8270D	8/3/2011	8/3/2011	MDK	1
1-Methyl naphthalene	< 17.9	ug/kg	17.9	56.9	1	M8270D	8/3/2011	8/3/2011	MDK	1
2-Methyl naphthalene	< 9.6	ug/kg	9.6	30.4	1	M8270D	8/3/2011	8/3/2011	MDK	1
Naphthalene	< 10.8	ug/kg	10.8	34.5	1	M8270D	8/3/2011	8/3/2011	MDK	1
Phenanthrene	16 "J"	ug/kg	9.8	31.1	1	M8270D	8/3/2011	8/3/2011	MDK	1
Pyrene	21 "J"	ug/kg	9.5	30.3	1	M8270D	8/3/2011	8/3/2011	MDK	1
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		8/2/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		8/2/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		8/2/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		8/2/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		8/2/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		8/2/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		8/2/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		8/2/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		8/2/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		8/2/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		8/2/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		8/2/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		8/2/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		8/2/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		8/2/2011	CJR	1

Project Name 1150 NORTH
Project # 12053

Invoice # E22583

Lab Code 5022583B
Sample ID B-4 2-4
Sample Matrix soil
Sample Date 7/28/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		8/2/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		8/2/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		8/2/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		8/2/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		8/2/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		8/2/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		8/2/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		8/2/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		8/2/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		8/2/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		8/2/2011	CJR	8
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		8/2/2011	CJR	4 7 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		8/2/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		8/2/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		8/2/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		8/2/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		8/2/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		8/2/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		8/2/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		8/2/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		8/2/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		8/2/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		8/2/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		8/2/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		8/2/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		8/2/2011	CJR	4 8
Toluene	< 50	ug/kg	50	159	1	8260B		8/2/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		8/2/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		8/2/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		8/2/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		8/2/2011	CJR	1
Trichloroethene (TCE)	< 17	ug/kg	17	53	1	8260B		8/2/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		8/2/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		8/2/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		8/2/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		8/2/2011	CJR	8
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		8/2/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		8/2/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	114	Rec %			1	8260B		8/2/2011	CJR	1
SUR - 4-Bromofluorobenzene	102	Rec %			1	8260B		8/2/2011	CJR	1
SUR - Dibromofluoromethane	97	Rec %			1	8260B		8/2/2011	CJR	1
SUR - Toluene-d8	102	Rec %			1	8260B		8/2/2011	CJR	1

Lab Code 5022583C
Sample ID B-4 18-20
Sample Matrix soil
Sample Date 7/29/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	96.1	%			1	5021		8/4/2011	MDK	1
Organic										

Project Name 1150 NORTH
Project # 12053

Invoice # E22583

Lab Code 5022583C
Sample ID B-4 18-20
Sample Matrix soil
Sample Date 7/29/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
PAH SIM										
Acenaphthene	< 9.7	ug/kg	9.7	30.8	1	M8270D	8/3/2011	8/3/2011	MDK	1
Acenaphthylene	< 8.4	ug/kg	8.4	26.8	1	M8270D	8/3/2011	8/3/2011	MDK	1
Anthracene	< 10.2	ug/kg	10.2	32.4	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(a)anthracene	< 14.6	ug/kg	14.6	46.6	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(a)pyrene	< 16.6	ug/kg	16.6	52.8	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(b)fluoranthene	< 16.7	ug/kg	16.7	53.2	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(g,h,i)perylene	< 8.2	ug/kg	8.2	25.9	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(k)fluoranthene	< 16.1	ug/kg	16.1	51.4	1	M8270D	8/3/2011	8/3/2011	MDK	1
Chrysene	< 9.2	ug/kg	9.2	29.3	1	M8270D	8/3/2011	8/3/2011	MDK	1
Dibenzo(a,h)anthracene	< 10.5	ug/kg	10.5	33.5	1	M8270D	8/3/2011	8/3/2011	MDK	1
Fluoranthene	< 9.8	ug/kg	9.8	31.3	1	M8270D	8/3/2011	8/3/2011	MDK	1
Fluorene	< 10.7	ug/kg	10.7	33.9	1	M8270D	8/3/2011	8/3/2011	MDK	1
Indeno(1,2,3-cd)pyrene	< 9.5	ug/kg	9.5	30.2	1	M8270D	8/3/2011	8/3/2011	MDK	1
1-Methyl naphthalene	< 17.9	ug/kg	17.9	56.9	1	M8270D	8/3/2011	8/3/2011	MDK	1
2-Methyl naphthalene	< 9.6	ug/kg	9.6	30.4	1	M8270D	8/3/2011	8/3/2011	MDK	1
Naphthalene	< 10.8	ug/kg	10.8	34.5	1	M8270D	8/3/2011	8/3/2011	MDK	1
Phenanthrene	< 9.8	ug/kg	9.8	31.1	1	M8270D	8/3/2011	8/3/2011	MDK	1
Pyrene	< 9.5	ug/kg	9.5	30.3	1	M8270D	8/3/2011	8/3/2011	MDK	1
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		8/2/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		8/2/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		8/2/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		8/2/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		8/2/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		8/2/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		8/2/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		8/2/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		8/2/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		8/2/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		8/2/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		8/2/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		8/2/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		8/2/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		8/2/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		8/2/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		8/2/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		8/2/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		8/2/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		8/2/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		8/2/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		8/2/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		8/2/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		8/2/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		8/2/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		8/2/2011	CJR	8
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		8/2/2011	CJR	4 7 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		8/2/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		8/2/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		8/2/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		8/2/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		8/2/2011	CJR	1

Project Name 1150 NORTH
Project # 12053

Invoice # E22583

Lab Code 5022583C
Sample ID B-4 18-20
Sample Matrix soil
Sample Date 7/29/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		8/2/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		8/2/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		8/2/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		8/2/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		8/2/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		8/2/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		8/2/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		8/2/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		8/2/2011	CJR	4 8
Toluene	< 50	ug/kg	50	159	1	8260B		8/2/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		8/2/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		8/2/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		8/2/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		8/2/2011	CJR	1
Trichloroethene (TCE)	< 17	ug/kg	17	53	1	8260B		8/2/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		8/2/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		8/2/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		8/2/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		8/2/2011	CJR	8
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		8/2/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		8/2/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	104	Rec %			1	8260B		8/2/2011	CJR	1
SUR - Toluene-d8	102	Rec %			1	8260B		8/2/2011	CJR	1
SUR - 4-Bromofluorobenzene	103	Rec %			1	8260B		8/2/2011	CJR	1
SUR - Dibromofluoromethane	92	Rec %			1	8260B		8/2/2011	CJR	1

Lab Code 5022583D
Sample ID B-8 2-4
Sample Matrix soil
Sample Date 7/29/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	89.3	%			1	5021		8/4/2011	MDK	1
Inorganic										
Metals										
Lead, Total	307	mg/Kg	0.3	0.96	1	6010B		8/10/2011	CWT	1
Organic										
PAH SIM										
Acenaphthene	13.2 "J"	ug/kg	9.7	30.8	1	M8270D	8/3/2011	8/3/2011	MDK	1
Acenaphthylene	< 8.4	ug/kg	8.4	26.8	1	M8270D	8/3/2011	8/3/2011	MDK	1
Anthracene	47	ug/kg	10.2	32.4	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(a)anthracene	96	ug/kg	14.6	46.6	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(a)pyrene	67	ug/kg	16.6	52.8	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(b)fluoranthene	103	ug/kg	16.7	53.2	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(g,h,i)perylene	54	ug/kg	8.2	25.9	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(k)fluoranthene	38 "J"	ug/kg	16.1	51.4	1	M8270D	8/3/2011	8/3/2011	MDK	1
Chrysene	84	ug/kg	9.2	29.3	1	M8270D	8/3/2011	8/3/2011	MDK	1
Dibenzo(a,h)anthracene	< 10.5	ug/kg	10.5	33.5	1	M8270D	8/3/2011	8/3/2011	MDK	1
Fluoranthene	211	ug/kg	9.8	31.3	1	M8270D	8/3/2011	8/3/2011	MDK	1
Fluorene	11.5 "J"	ug/kg	10.7	33.9	1	M8270D	8/3/2011	8/3/2011	MDK	1

Project Name 1150 NORTH **Invoice #** E22583
Project # 12053

Lab Code 5022583D
Sample ID B-8 2-4
Sample Matrix soil
Sample Date 7/29/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Indeno(1,2,3-cd)pyrene	37	ug/kg	9.5	30.2	1	M8270D	8/3/2011	8/3/2011	MDK	1
1-Methyl naphthalene	< 17.9	ug/kg	17.9	56.9	1	M8270D	8/3/2011	8/3/2011	MDK	1
2-Methyl naphthalene	11 "J"	ug/kg	9.6	30.4	1	M8270D	8/3/2011	8/3/2011	MDK	1
Naphthalene	< 10.8	ug/kg	10.8	34.5	1	M8270D	8/3/2011	8/3/2011	MDK	1
Phenanthrene	138	ug/kg	9.8	31.1	1	M8270D	8/3/2011	8/3/2011	MDK	1
Pyrene	179	ug/kg	9.5	30.3	1	M8270D	8/3/2011	8/3/2011	MDK	1
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		8/2/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		8/2/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		8/2/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		8/2/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		8/2/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		8/2/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		8/2/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		8/2/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		8/2/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		8/2/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		8/2/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		8/2/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		8/2/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		8/2/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		8/2/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		8/2/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		8/2/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		8/2/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		8/2/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		8/2/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		8/2/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		8/2/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		8/2/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		8/2/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		8/2/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		8/2/2011	CJR	8
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		8/2/2011	CJR	4 7 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		8/2/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		8/2/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		8/2/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		8/2/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		8/2/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		8/2/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		8/2/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		8/2/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		8/2/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		8/2/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		8/2/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		8/2/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		8/2/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		8/2/2011	CJR	4 8
Toluene	< 50	ug/kg	50	159	1	8260B		8/2/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		8/2/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		8/2/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		8/2/2011	CJR	1

Project Name 1150 NORTH
Project # 12053

Invoice # E22583

Lab Code 5022583D
Sample ID B-8 2-4
Sample Matrix soil
Sample Date 7/29/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		8/2/2011	CJR	1
Trichloroethene (TCE)	< 17	ug/kg	17	53	1	8260B		8/2/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		8/2/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		8/2/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		8/2/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		8/2/2011	CJR	8
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		8/2/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		8/2/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	109	Rec %			1	8260B		8/2/2011	CJR	1
SUR - 4-Bromofluorobenzene	102	Rec %			1	8260B		8/2/2011	CJR	1
SUR - Dibromofluoromethane	98	Rec %			1	8260B		8/2/2011	CJR	1
SUR - Toluene-d8	104	Rec %			1	8260B		8/2/2011	CJR	1

Lab Code 5022583E
Sample ID B-12 0-10
Sample Matrix soil
Sample Date 7/29/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.8	%			1	5021		8/4/2011	MDK	1
Inorganic										
Metals										
Arsenic, Total	2.3 "j"	mg/Kg	3.6	11.5	5	6010B		8/10/2011	CWT	1 49
Barium, Total	45.7	mg/Kg	0.18	0.58	1	6010B		8/10/2011	CWT	1
Cadmium, Total	< 0.08	mg/Kg	0.08	0.25	1	6010B		8/10/2011	CWT	1
Chromium, Total	11.7	mg/Kg	0.13	0.41	1	6010B		8/10/2011	CWT	1
Lead, Total	9.48	mg/Kg	0.3	0.96	1	6010B		8/10/2011	CWT	1
Mercury, Total	0.019	mg/kg	0.003	0.01	1	7471		8/10/2011	CWT	1
Selenium, Total	< 3.5	mg/Kg	3.5	11.15	5	6010B		8/10/2011	CWT	1 49
Silver, Total	< 1.7	mg/Kg	1.7	5.45	5	6010B		8/10/2011	CWT	1 49
Organic										
PAH SIM										
Acenaphthene	145	ug/kg	9.7	30.8	1	M8270D	8/3/2011	8/3/2011	MDK	1
Acenaphthylene	26.4 "J"	ug/kg	8.4	26.8	1	M8270D	8/3/2011	8/3/2011	MDK	1
Anthracene	450	ug/kg	10.2	32.4	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(a)anthracene	820	ug/kg	14.6	46.6	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(a)pyrene	720	ug/kg	16.6	52.8	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(b)fluoranthene	1010	ug/kg	16.7	53.2	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(g,h,i)perylene	500	ug/kg	8.2	25.9	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(k)fluoranthene	400	ug/kg	16.1	51.4	1	M8270D	8/3/2011	8/3/2011	MDK	1
Chrysene	680	ug/kg	9.2	29.3	1	M8270D	8/3/2011	8/3/2011	MDK	1
Dibenzo(a,h)anthracene	98	ug/kg	10.5	33.5	1	M8270D	8/3/2011	8/3/2011	MDK	1
Fluoranthene	1720	ug/kg	9.8	31.3	1	M8270D	8/3/2011	8/3/2011	MDK	1
Fluorene	160	ug/kg	10.7	33.9	1	M8270D	8/3/2011	8/3/2011	MDK	1
Indeno(1,2,3-cd)pyrene	410	ug/kg	9.5	30.2	1	M8270D	8/3/2011	8/3/2011	MDK	1
1-Methyl naphthalene	94	ug/kg	17.9	56.9	1	M8270D	8/3/2011	8/3/2011	MDK	1
2-Methyl naphthalene	142	ug/kg	9.6	30.4	1	M8270D	8/3/2011	8/3/2011	MDK	1
Naphthalene	94	ug/kg	10.8	34.5	1	M8270D	8/3/2011	8/3/2011	MDK	1
Phenanthrene	1280	ug/kg	9.8	31.1	1	M8270D	8/3/2011	8/3/2011	MDK	1
Pyrene	1460	ug/kg	9.5	30.3	1	M8270D	8/3/2011	8/3/2011	MDK	1

Project Name 1150 NORTH
Project # 12053

Invoice # E22583

Lab Code 5022583E
Sample ID B-12 0-10
Sample Matrix soil
Sample Date 7/29/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		8/2/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		8/2/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		8/2/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		8/2/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		8/2/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		8/2/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		8/2/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		8/2/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		8/2/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		8/2/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		8/2/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		8/2/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		8/2/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		8/2/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		8/2/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		8/2/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		8/2/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		8/2/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		8/2/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		8/2/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		8/2/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		8/2/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		8/2/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		8/2/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		8/2/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		8/2/2011	CJR	8
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		8/2/2011	CJR	4 7 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		8/2/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		8/2/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		8/2/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		8/2/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		8/2/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		8/2/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		8/2/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		8/2/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		8/2/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		8/2/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		8/2/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		8/2/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		8/2/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		8/2/2011	CJR	4 8
Toluene	< 50	ug/kg	50	159	1	8260B		8/2/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		8/2/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		8/2/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		8/2/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		8/2/2011	CJR	1
Trichloroethene (TCE)	< 17	ug/kg	17	53	1	8260B		8/2/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		8/2/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		8/2/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		8/2/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		8/2/2011	CJR	8

Project Name 1150 NORTH
Project # 12053

Invoice # E22583

Lab Code 5022583E
Sample ID B-12 0-10
Sample Matrix soil
Sample Date 7/29/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		8/2/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		8/2/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	113	Rec %			1	8260B		8/2/2011	CJR	1
SUR - 4-Bromofluorobenzene	126	Rec %			1	8260B		8/2/2011	CJR	6
SUR - Dibromofluoromethane	96	Rec %			1	8260B		8/2/2011	CJR	1
SUR - Toluene-d8	94	Rec %			1	8260B		8/2/2011	CJR	1

Lab Code 5022583F
Sample ID GP-1 2-4
Sample Matrix soil
Sample Date 7/29/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.6	%			1	5021		8/4/2011	MDK	1
Inorganic										
Metals										
Lead, Total	5.0	mg/Kg	0.3	0.96	1	6010B		8/10/2011	CWT	1
Organic										
PAH SIM										
Acenaphthene	< 9.7	ug/kg	9.7	30.8	1	M8270D	8/3/2011	8/3/2011	MDK	1
Acenaphthylene	< 8.4	ug/kg	8.4	26.8	1	M8270D	8/3/2011	8/3/2011	MDK	1
Anthracene	< 10.2	ug/kg	10.2	32.4	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(a)anthracene	< 14.6	ug/kg	14.6	46.6	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(a)pyrene	< 16.6	ug/kg	16.6	52.8	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(b)fluoranthene	< 16.7	ug/kg	16.7	53.2	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(g,h,i)perylene	< 8.2	ug/kg	8.2	25.9	1	M8270D	8/3/2011	8/3/2011	MDK	1
Benzo(k)fluoranthene	< 16.1	ug/kg	16.1	51.4	1	M8270D	8/3/2011	8/3/2011	MDK	1
Chrysene	< 9.2	ug/kg	9.2	29.3	1	M8270D	8/3/2011	8/3/2011	MDK	1
Dibenzo(a,h)anthracene	< 10.5	ug/kg	10.5	33.5	1	M8270D	8/3/2011	8/3/2011	MDK	1
Fluoranthene	< 9.8	ug/kg	9.8	31.3	1	M8270D	8/3/2011	8/3/2011	MDK	1
Fluorene	< 10.7	ug/kg	10.7	33.9	1	M8270D	8/3/2011	8/3/2011	MDK	1
Indeno(1,2,3-cd)pyrene	< 9.5	ug/kg	9.5	30.2	1	M8270D	8/3/2011	8/3/2011	MDK	1
1-Methyl naphthalene	< 17.9	ug/kg	17.9	56.9	1	M8270D	8/3/2011	8/3/2011	MDK	1
2-Methyl naphthalene	< 9.6	ug/kg	9.6	30.4	1	M8270D	8/3/2011	8/3/2011	MDK	1
Naphthalene	< 10.8	ug/kg	10.8	34.5	1	M8270D	8/3/2011	8/3/2011	MDK	1
Phenanthrene	< 9.8	ug/kg	9.8	31.1	1	M8270D	8/3/2011	8/3/2011	MDK	1
Pyrene	< 9.5	ug/kg	9.5	30.3	1	M8270D	8/3/2011	8/3/2011	MDK	1
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		8/2/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		8/2/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		8/2/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		8/2/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		8/2/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		8/2/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		8/2/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		8/2/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		8/2/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		8/2/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		8/2/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		8/2/2011	CJR	1

Project Name 1150 NORTH
Project # 12053

Invoice # E22583

Lab Code 5022583F
Sample ID GP-1 2-4
Sample Matrix soil
Sample Date 7/29/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		8/2/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		8/2/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		8/2/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		8/2/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		8/2/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		8/2/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		8/2/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		8/2/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		8/2/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		8/2/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		8/2/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		8/2/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		8/2/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		8/2/2011	CJR	8
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		8/2/2011	CJR	4 7 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		8/2/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		8/2/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		8/2/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		8/2/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		8/2/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		8/2/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		8/2/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		8/2/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		8/2/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		8/2/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		8/2/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		8/2/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		8/2/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		8/2/2011	CJR	4 8
Toluene	< 50	ug/kg	50	159	1	8260B		8/2/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		8/2/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		8/2/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		8/2/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		8/2/2011	CJR	1
Trichloroethene (TCE)	< 17	ug/kg	17	53	1	8260B		8/2/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		8/2/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		8/2/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		8/2/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		8/2/2011	CJR	8
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		8/2/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		8/2/2011	CJR	1
SUR - Dibromofluoromethane	97	Rec %			1	8260B		8/2/2011	CJR	1
SUR - 4-Bromofluorobenzene	118	Rec %			1	8260B		8/2/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	113	Rec %			1	8260B		8/2/2011	CJR	1
SUR - Toluene-d8	104	Rec %			1	8260B		8/2/2011	CJR	1

Project Name 1150 NORTH
Project # 12053

Invoice # E22583

Lab Code 5022583G
Sample ID GP-4 8-10
Sample Matrix soil
Sample Date 7/29/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	89.7	%			1	5021		8/4/2011	MDK	1
Inorganic										
Metals										
Lead, Total	3.5	mg/Kg	0.3	0.96	1	6010B		8/10/2011	CWT	1
Organic										
PAH SIM										
Acenaphthene	< 9.7	ug/kg	9.7	30.8	1	M8270D	8/3/2011	8/4/2011	MDK	1
Acenaphthylene	< 8.4	ug/kg	8.4	26.8	1	M8270D	8/3/2011	8/4/2011	MDK	1
Anthracene	11.9 "J"	ug/kg	10.2	32.4	1	M8270D	8/3/2011	8/4/2011	MDK	1
Benzo(a)anthracene	25.2 "J"	ug/kg	14.6	46.6	1	M8270D	8/3/2011	8/4/2011	MDK	1
Benzo(a)pyrene	< 16.6	ug/kg	16.6	52.8	1	M8270D	8/3/2011	8/4/2011	MDK	1
Benzo(b)fluoranthene	29.2 "J"	ug/kg	16.7	53.2	1	M8270D	8/3/2011	8/4/2011	MDK	1
Benzo(g,h,i)perylene	< 8.2	ug/kg	8.2	25.9	1	M8270D	8/3/2011	8/4/2011	MDK	1
Benzo(k)fluoranthene	< 16.1	ug/kg	16.1	51.4	1	M8270D	8/3/2011	8/4/2011	MDK	1
Chrysene	24.6 "J"	ug/kg	9.2	29.3	1	M8270D	8/3/2011	8/4/2011	MDK	1
Dibenzo(a,h)anthracene	< 10.5	ug/kg	10.5	33.5	1	M8270D	8/3/2011	8/4/2011	MDK	1
Fluoranthene	66	ug/kg	9.8	31.3	1	M8270D	8/3/2011	8/4/2011	MDK	1
Fluorene	< 10.7	ug/kg	10.7	33.9	1	M8270D	8/3/2011	8/4/2011	MDK	1
Indeno(1,2,3-cd)pyrene	< 9.5	ug/kg	9.5	30.2	1	M8270D	8/3/2011	8/4/2011	MDK	1
1-Methyl naphthalene	< 17.9	ug/kg	17.9	56.9	1	M8270D	8/3/2011	8/4/2011	MDK	1
2-Methyl naphthalene	< 9.6	ug/kg	9.6	30.4	1	M8270D	8/3/2011	8/4/2011	MDK	1
Naphthalene	< 10.8	ug/kg	10.8	34.5	1	M8270D	8/3/2011	8/4/2011	MDK	1
Phenanthrene	22.2 "J"	ug/kg	9.8	31.1	1	M8270D	8/3/2011	8/4/2011	MDK	1
Pyrene	54	ug/kg	9.5	30.3	1	M8270D	8/3/2011	8/4/2011	MDK	1
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		8/2/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		8/2/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		8/2/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		8/2/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		8/2/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		8/2/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		8/2/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		8/2/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		8/2/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		8/2/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		8/2/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		8/2/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		8/2/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		8/2/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		8/2/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		8/2/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		8/2/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		8/2/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		8/2/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		8/2/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		8/2/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		8/2/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		8/2/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		8/2/2011	CJR	1

Project Name 1150 NORTH **Invoice #** E22583
Project # 12053

Lab Code 5022583G
Sample ID GP-4 8-10
Sample Matrix soil
Sample Date 7/29/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		8/2/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		8/2/2011	CJR	8
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		8/2/2011	CJR	4 7 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		8/2/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		8/2/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		8/2/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		8/2/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		8/2/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		8/2/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		8/2/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		8/2/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		8/2/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		8/2/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		8/2/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		8/2/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		8/2/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		8/2/2011	CJR	4 8
Toluene	< 50	ug/kg	50	159	1	8260B		8/2/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		8/2/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		8/2/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		8/2/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		8/2/2011	CJR	1
Trichloroethene (TCE)	< 17	ug/kg	17	53	1	8260B		8/2/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		8/2/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		8/2/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		8/2/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		8/2/2011	CJR	8
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		8/2/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		8/2/2011	CJR	1
SUR - Dibromofluoromethane	97	Rec %			1	8260B		8/2/2011	CJR	1
SUR - 4-Bromofluorobenzene	80	Rec %			1	8260B		8/2/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	111	Rec %			1	8260B		8/2/2011	CJR	1
SUR - Toluene-d8	103	Rec %			1	8260B		8/2/2011	CJR	1

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	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	92.1	%			1	5021		8/4/2011	MDK	1
Inorganic										
Metals										
Lead, Total	39.2	mg/Kg	0.3	0.96	1	6010B		8/10/2011	CWT	1
Organic										
PAH SIM										
Acenaphthene	10.9 "J"	ug/kg	9.7	30.8	1	M8270D	8/3/2011	8/4/2011	MDK	1
Acenaphthylene	17.7 "J"	ug/kg	8.4	26.8	1	M8270D	8/3/2011	8/4/2011	MDK	1
Anthracene	80	ug/kg	10.2	32.4	1	M8270D	8/3/2011	8/4/2011	MDK	1
Benzo(a)anthracene	244	ug/kg	14.6	46.6	1	M8270D	8/3/2011	8/4/2011	MDK	1

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	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Benzo(a)pyrene	213	ug/kg	16.6	52.8	1	M8270D	8/3/2011	8/4/2011	MDK	1
Benzo(b)fluoranthene	320	ug/kg	16.7	53.2	1	M8270D	8/3/2011	8/4/2011	MDK	1
Benzo(g,h,i)perylene	162	ug/kg	8.2	25.9	1	M8270D	8/3/2011	8/4/2011	MDK	1
Benzo(k)fluoranthene	122	ug/kg	16.1	51.4	1	M8270D	8/3/2011	8/4/2011	MDK	1
Chrysene	254	ug/kg	9.2	29.3	1	M8270D	8/3/2011	8/4/2011	MDK	1
Dibenzo(a,h)anthracene	29 "J"	ug/kg	10.5	33.5	1	M8270D	8/3/2011	8/4/2011	MDK	1
Fluoranthene	510	ug/kg	9.8	31.3	1	M8270D	8/3/2011	8/4/2011	MDK	1
Fluorene	12.6 "J"	ug/kg	10.7	33.9	1	M8270D	8/3/2011	8/4/2011	MDK	1
Indeno(1,2,3-cd)pyrene	123	ug/kg	9.5	30.2	1	M8270D	8/3/2011	8/4/2011	MDK	1
1-Methyl naphthalene	< 17.9	ug/kg	17.9	56.9	1	M8270D	8/3/2011	8/4/2011	MDK	1
2-Methyl naphthalene	< 9.6	ug/kg	9.6	30.4	1	M8270D	8/3/2011	8/4/2011	MDK	1
Naphthalene	< 10.8	ug/kg	10.8	34.5	1	M8270D	8/3/2011	8/4/2011	MDK	1
Phenanthrene	298	ug/kg	9.8	31.1	1	M8270D	8/3/2011	8/4/2011	MDK	1
Pyrene	500	ug/kg	9.5	30.3	1	M8270D	8/3/2011	8/4/2011	MDK	1
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		8/2/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		8/2/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		8/2/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		8/2/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		8/2/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		8/2/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		8/2/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		8/2/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		8/2/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		8/2/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		8/2/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		8/2/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		8/2/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		8/2/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		8/2/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		8/2/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		8/2/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		8/2/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		8/2/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		8/2/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		8/2/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		8/2/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		8/2/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		8/2/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		8/2/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		8/2/2011	CJR	8
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		8/2/2011	CJR	4 7 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		8/2/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		8/2/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		8/2/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		8/2/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		8/2/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		8/2/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		8/2/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		8/2/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		8/2/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		8/2/2011	CJR	1

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	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		8/2/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		8/2/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		8/2/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		8/2/2011	CJR	4 8
Toluene	< 50	ug/kg	50	159	1	8260B		8/2/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		8/2/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		8/2/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		8/2/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		8/2/2011	CJR	1
Trichloroethene (TCE)	< 17	ug/kg	17	53	1	8260B		8/2/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		8/2/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		8/2/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		8/2/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		8/2/2011	CJR	8
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		8/2/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		8/2/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	115	Rec %			1	8260B		8/2/2011	CJR	1
SUR - 4-Bromofluorobenzene	91	Rec %			1	8260B		8/2/2011	CJR	1
SUR - Dibromofluoromethane	97	Rec %			1	8260B		8/2/2011	CJR	1
SUR - Toluene-d8	90	Rec %			1	8260B		8/2/2011	CJR	1

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	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.6	%			1	5021		8/4/2011	MDK	1
Inorganic										
Metals										
Lead, Total	25.1	mg/Kg	0.3	0.96	1	6010B		8/10/2011	CWT	1
Organic										
PAH SIM										
Acenaphthene	< 9.7	ug/kg	9.7	30.8	1	M8270D	8/3/2011	8/4/2011	MDK	1
Acenaphthylene	< 8.4	ug/kg	8.4	26.8	1	M8270D	8/3/2011	8/4/2011	MDK	1
Anthracene	20.5 "J"	ug/kg	10.2	32.4	1	M8270D	8/3/2011	8/4/2011	MDK	1
Benzo(a)anthracene	81	ug/kg	14.6	46.6	1	M8270D	8/3/2011	8/4/2011	MDK	1
Benzo(a)pyrene	74	ug/kg	16.6	52.8	1	M8270D	8/3/2011	8/4/2011	MDK	1
Benzo(b)fluoranthene	127	ug/kg	16.7	53.2	1	M8270D	8/3/2011	8/4/2011	MDK	1
Benzo(g,h,i)perylene	66	ug/kg	8.2	25.9	1	M8270D	8/3/2011	8/4/2011	MDK	1
Benzo(k)fluoranthene	47 "J"	ug/kg	16.1	51.4	1	M8270D	8/3/2011	8/4/2011	MDK	1
Chrysene	91	ug/kg	9.2	29.3	1	M8270D	8/3/2011	8/4/2011	MDK	1
Dibenzo(a,h)anthracene	< 10.5	ug/kg	10.5	33.5	1	M8270D	8/3/2011	8/4/2011	MDK	1
Fluoranthene	167	ug/kg	9.8	31.3	1	M8270D	8/3/2011	8/4/2011	MDK	1
Fluorene	< 10.7	ug/kg	10.7	33.9	1	M8270D	8/3/2011	8/4/2011	MDK	1
Indeno(1,2,3-cd)pyrene	49	ug/kg	9.5	30.2	1	M8270D	8/3/2011	8/4/2011	MDK	1
1-Methyl naphthalene	< 17.9	ug/kg	17.9	56.9	1	M8270D	8/3/2011	8/4/2011	MDK	1
2-Methyl naphthalene	< 9.6	ug/kg	9.6	30.4	1	M8270D	8/3/2011	8/4/2011	MDK	1
Naphthalene	32 "J"	ug/kg	10.8	34.5	1	M8270D	8/3/2011	8/4/2011	MDK	1
Phenanthrene	67	ug/kg	9.8	31.1	1	M8270D	8/3/2011	8/4/2011	MDK	1

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	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Pyrene	149	ug/kg	9.5	30.3	1	M8270D	8/3/2011	8/4/2011	MDK	1
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		8/2/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		8/2/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		8/2/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		8/2/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		8/2/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		8/2/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		8/2/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		8/2/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		8/2/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		8/2/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		8/2/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		8/2/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		8/2/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		8/2/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		8/2/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		8/2/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		8/2/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		8/2/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		8/2/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		8/2/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		8/2/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		8/2/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		8/2/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		8/2/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		8/2/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		8/2/2011	CJR	8
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		8/2/2011	CJR	4 7 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		8/2/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		8/2/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		8/2/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		8/2/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		8/2/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		8/2/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		8/2/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		8/2/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		8/2/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		8/2/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		8/2/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		8/2/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		8/2/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		8/2/2011	CJR	4 8
Toluene	< 50	ug/kg	50	159	1	8260B		8/2/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		8/2/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		8/2/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		8/2/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		8/2/2011	CJR	1
Trichloroethene (TCE)	< 17	ug/kg	17	53	1	8260B		8/2/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		8/2/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		8/2/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		8/2/2011	CJR	1

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Sample Matrix soil
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	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		8/2/2011	CJR	8
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		8/2/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		8/2/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	112	Rec %			1	8260B		8/2/2011	CJR	1
SUR - 4-Bromofluorobenzene	86	Rec %			1	8260B		8/2/2011	CJR	1
SUR - Dibromofluoromethane	96	Rec %			1	8260B		8/2/2011	CJR	1
SUR - Toluene-d8	91	Rec %			1	8260B		8/2/2011	CJR	1

Lab Code 5022583J
Sample ID B-9 2-4
Sample Matrix soil
Sample Date 7/29/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	93.5	%			1	5021		8/4/2011	MDK	1
Inorganic										
Metals										
Lead, Total	716	mg/Kg	0.3	0.96	1	6010B		8/10/2011	CWT	1
Organic										
PAH SIM										
Acenaphthene	99	ug/kg	9.7	30.8	1	M8270D	8/3/2011	8/4/2011	MDK	1
Acenaphthylene	72	ug/kg	8.4	26.8	1	M8270D	8/3/2011	8/4/2011	MDK	1
Anthracene	550	ug/kg	10.2	32.4	1	M8270D	8/3/2011	8/4/2011	MDK	1
Benzo(a)anthracene	1470	ug/kg	14.6	46.6	1	M8270D	8/3/2011	8/4/2011	MDK	1
Benzo(a)pyrene	1370	ug/kg	16.6	52.8	1	M8270D	8/3/2011	8/4/2011	MDK	1
Benzo(b)fluoranthene	1960	ug/kg	16.7	53.2	1	M8270D	8/3/2011	8/4/2011	MDK	1
Benzo(g,h,i)perylene	950	ug/kg	8.2	25.9	1	M8270D	8/3/2011	8/4/2011	MDK	1
Benzo(k)fluoranthene	720	ug/kg	16.1	51.4	1	M8270D	8/3/2011	8/4/2011	MDK	1
Chrysene	1240	ug/kg	9.2	29.3	1	M8270D	8/3/2011	8/4/2011	MDK	1
Dibenzo(a,h)anthracene	183	ug/kg	10.5	33.5	1	M8270D	8/3/2011	8/4/2011	MDK	1
Fluoranthene	2740	ug/kg	9.8	31.3	1	M8270D	8/3/2011	8/4/2011	MDK	1
Fluorene	126	ug/kg	10.7	33.9	1	M8270D	8/3/2011	8/4/2011	MDK	1
Indeno(1,2,3-cd)pyrene	770	ug/kg	9.5	30.2	1	M8270D	8/3/2011	8/4/2011	MDK	1
1-Methyl naphthalene	56 "J"	ug/kg	17.9	56.9	1	M8270D	8/3/2011	8/4/2011	MDK	1
2-Methyl naphthalene	67	ug/kg	9.6	30.4	1	M8270D	8/3/2011	8/4/2011	MDK	1
Naphthalene	74	ug/kg	10.8	34.5	1	M8270D	8/3/2011	8/4/2011	MDK	1
Phenanthrene	1320	ug/kg	9.8	31.1	1	M8270D	8/3/2011	8/4/2011	MDK	1
Pyrene	2360	ug/kg	9.5	30.3	1	M8270D	8/3/2011	8/4/2011	MDK	1
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		8/3/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		8/3/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		8/3/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		8/3/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		8/3/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		8/3/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		8/3/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		8/3/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		8/3/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		8/3/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		8/3/2011	CJR	1

Project Name 1150 NORTH
Project # 12053

Invoice # E22583

Lab Code 5022583J
Sample ID B-9 2-4
Sample Matrix soil
Sample Date 7/29/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Chloromethane	< 207	ug/kg	207	658	1	8260B		8/3/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		8/3/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		8/3/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		8/3/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		8/3/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		8/3/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		8/3/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		8/3/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		8/3/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		8/3/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		8/3/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		8/3/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		8/3/2011	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		8/3/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		8/3/2011	CJR	8
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		8/3/2011	CJR	4 7 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		8/3/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		8/3/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		8/3/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		8/3/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		8/3/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		8/3/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		8/3/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		8/3/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		8/3/2011	CJR	1
Naphthalene	120 "J"	ug/kg	107	340	1	8260B		8/3/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		8/3/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		8/3/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		8/3/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		8/3/2011	CJR	4 8
Toluene	< 50	ug/kg	50	159	1	8260B		8/3/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		8/3/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		8/3/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		8/3/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		8/3/2011	CJR	1
Trichloroethene (TCE)	< 17	ug/kg	17	53	1	8260B		8/3/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		8/3/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		8/3/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		8/3/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		8/3/2011	CJR	8
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		8/3/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		8/3/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	113	Rec %			1	8260B		8/3/2011	CJR	1
SUR - 4-Bromofluorobenzene	90	Rec %			1	8260B		8/3/2011	CJR	1
SUR - Dibromofluoromethane	99	Rec %			1	8260B		8/3/2011	CJR	1
SUR - Toluene-d8	91	Rec %			1	8260B		8/3/2011	CJR	1

Project Name 1150 NORTH
Project # 12053

Invoice # E22583

Lab Code 5022583K
Sample ID B-9 8-10
Sample Matrix soil
Sample Date 7/29/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.5	%			1	5021		8/4/2011	MDK	1
Inorganic										
Metals										
Lead, Total	41.8	mg/Kg	0.3	0.96	1	6010B		8/10/2011	CWT	1
Organic										
PAH SIM										
Acenaphthene	< 9.7	ug/kg	9.7	30.8	1	M8270D	8/3/2011	8/4/2011	MDK	1
Acenaphthylene	< 8.4	ug/kg	8.4	26.8	1	M8270D	8/3/2011	8/4/2011	MDK	1
Anthracene	17.1 "J"	ug/kg	10.2	32.4	1	M8270D	8/3/2011	8/4/2011	MDK	1
Benzo(a)anthracene	43 "J"	ug/kg	14.6	46.6	1	M8270D	8/3/2011	8/4/2011	MDK	1
Benzo(a)pyrene	35 "J"	ug/kg	16.6	52.8	1	M8270D	8/3/2011	8/4/2011	MDK	1
Benzo(b)fluoranthene	56	ug/kg	16.7	53.2	1	M8270D	8/3/2011	8/4/2011	MDK	1
Benzo(g,h,i)perylene	27.1	ug/kg	8.2	25.9	1	M8270D	8/3/2011	8/4/2011	MDK	1
Benzo(k)fluoranthene	20.7 "J"	ug/kg	16.1	51.4	1	M8270D	8/3/2011	8/4/2011	MDK	1
Chrysene	41	ug/kg	9.2	29.3	1	M8270D	8/3/2011	8/4/2011	MDK	1
Dibenzo(a,h)anthracene	< 10.5	ug/kg	10.5	33.5	1	M8270D	8/3/2011	8/4/2011	MDK	1
Fluoranthene	81	ug/kg	9.8	31.3	1	M8270D	8/3/2011	8/4/2011	MDK	1
Fluorene	< 10.7	ug/kg	10.7	33.9	1	M8270D	8/3/2011	8/4/2011	MDK	1
Indeno(1,2,3-cd)pyrene	21.9 "J"	ug/kg	9.5	30.2	1	M8270D	8/3/2011	8/4/2011	MDK	1
1-Methyl naphthalene	< 17.9	ug/kg	17.9	56.9	1	M8270D	8/3/2011	8/4/2011	MDK	1
2-Methyl naphthalene	< 9.6	ug/kg	9.6	30.4	1	M8270D	8/3/2011	8/4/2011	MDK	1
Naphthalene	< 10.8	ug/kg	10.8	34.5	1	M8270D	8/3/2011	8/4/2011	MDK	1
Phenanthrene	46	ug/kg	9.8	31.1	1	M8270D	8/3/2011	8/4/2011	MDK	1
Pyrene	73	ug/kg	9.5	30.3	1	M8270D	8/3/2011	8/4/2011	MDK	1
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		8/3/2011	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		8/3/2011	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		8/3/2011	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		8/3/2011	CJR	1
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		8/3/2011	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		8/3/2011	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		8/3/2011	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		8/3/2011	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		8/3/2011	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		8/3/2011	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		8/3/2011	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		8/3/2011	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		8/3/2011	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		8/3/2011	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		8/3/2011	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		8/3/2011	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		8/3/2011	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		8/3/2011	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		8/3/2011	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		8/3/2011	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		8/3/2011	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		8/3/2011	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		8/3/2011	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		8/3/2011	CJR	1

Project Name 1150 NORTH
Project # 12053

Invoice # E22583

Lab Code 5022583K
Sample ID B-9 8-10
Sample Matrix soil
Sample Date 7/29/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		8/3/2011	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		8/3/2011	CJR	8
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		8/3/2011	CJR	4 7 8
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		8/3/2011	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		8/3/2011	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		8/3/2011	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		8/3/2011	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		8/3/2011	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		8/3/2011	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		8/3/2011	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		8/3/2011	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		8/3/2011	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		8/3/2011	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		8/3/2011	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		8/3/2011	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		8/3/2011	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		8/3/2011	CJR	4 8
Toluene	< 50	ug/kg	50	159	1	8260B		8/3/2011	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		8/3/2011	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		8/3/2011	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		8/3/2011	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		8/3/2011	CJR	1
Trichloroethene (TCE)	< 17	ug/kg	17	53	1	8260B		8/3/2011	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		8/3/2011	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		8/3/2011	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		8/3/2011	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		8/3/2011	CJR	8
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		8/3/2011	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		8/3/2011	CJR	1
SUR - Toluene-d8	91	Rec %			1	8260B		8/3/2011	CJR	1
SUR - 1,2-Dichloroethane-d4	105	Rec %			1	8260B		8/3/2011	CJR	1
SUR - 4-Bromofluorobenzene	86	Rec %			1	8260B		8/3/2011	CJR	1
SUR - Dibromofluoromethane	96	Rec %			1	8260B		8/3/2011	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.
6	The surrogate recovery not within established limits.
7	The LCS not within established limits.
8	Closing calibration standard not within established limits.
49	Sample diluted to compensate for matrix interference.
	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 # No 0483

Page 1 of 1

Sample Handling Request
___ Rush Analysis Date Required ____
(Rushes accepted only with prior authorization)
X Normal Turn Around
5 day for VOCs/PAHs if possible

Lab I.D. #

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

Project #: 12053

Sampler: (signature) Matt E. Schmidt

Project (Name / Location): 1150 North

Reports To: Steve Meer	Invoice To: same
Company Sigma Env.	Company
Address 1300 N. Canal	Address
City State Zip Milw WI 53233	City State Zip
Phone 414-643-1200	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
5022583 A	MW-1 / B-1	7/28	1120		X	N	3	Soil	MeOH				X		X					X												0
B	B-4 4-6	7/28	0930		X	N	3	Soil	MeOH				X		X					X													5
C	B-4 18-20	7/29	8:40		X	N	2	"	"						X					X													0
D	B-8 2-4	7/29	9:00		X	N	3	"	"				X		X					X													0
E	B-12 0-10	7/29	9:30	X		N	3	"	"						X					X	X												0
F	GP-1 2-4	7/29	9:45		X	N	3	"	"				X		X					X													0
G	GP-4 8-10	7/29	10:15		X	N	3	"	"				X		X					X													0
H	B-11 0-2	7/29	10:45		X	N	3	"	"				X		X					X													0
I	B-11 6-8	7/29	11:20		X	N	3	"	"				X		X					X													0
J	~~B-9 8-10~~	~~7/29~~	~~12:05~~		~~X~~	~~N~~	~~3~~	~~S~~	~~"~~				~~X~~		~~X~~					~~X~~													~~0~~
K																																

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
	1000	8/1			
			Received in Laboratory By:	Time: 8:30	Date: 8-2-11

APPENDIX H
Groundwater 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 *11-Aug-11*

Project Name C.O.M. 1146 E. NORTH AVE. **Invoice #** E22618
Project # 12053

Lab Code 5022618A
Sample ID MW-1
Sample Matrix Water
Sample Date 8/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Arsenic, Dissolved	< 5.4	ug/l	5.4	20	1	EPA 6010B		8/11/2011	ESC	1
Barium, Dissolved	130	ug/l	1	5	1	EPA 6010B		8/11/2011	ESC	1
Cadmium, Dissolved	1.3	ug/l	1	5	1	EPA 6010B		8/11/2011	ESC	1
Chromium, Dissolved	< 1.7	ug/l	1.7	10	1	EPA 6010B		8/11/2011	ESC	1
Lead, Dissolved	< 1.8	ug/l	1.8	5	1	EPA 6010B		8/11/2011	ESC	1
Mercury, Dissolved	< 0.017	ug/l	0.017	0.2	1	7470A		8/11/2011	ESC	1
Selenium, Dissolved	< 6.3	ug/l	6.3	20	1	EPA 6010B		8/11/2011	ESC	1
Silver, Dissolved	< 3.3	ug/l	3.3	10	1	EPA 6010B		8/11/2011	ESC	1
Organic										
PAH SIM										
Acenaphthene	0.83	ug/l	0.01	0.031	1	M8270D	8/9/2011	8/10/2011	MDK	1
Acenaphthylene	< 0.014	ug/l	0.014	0.043	1	M8270D	8/9/2011	8/10/2011	MDK	1
Anthracene	0.256	ug/l	0.009	0.03	1	M8270D	8/9/2011	8/10/2011	MDK	1
Benzo(a)anthracene	0.028 "J"	ug/l	0.014	0.044	1	M8270D	8/9/2011	8/10/2011	MDK	1
Benzo(a)pyrene	< 0.011	ug/l	0.011	0.034	1	M8270D	8/9/2011	8/10/2011	MDK	1
Benzo(b)fluoranthene	< 0.013	ug/l	0.013	0.041	1	M8270D	8/9/2011	8/10/2011	MDK	1
Benzo(g,h,i)perylene	< 0.015	ug/l	0.015	0.048	1	M8270D	8/9/2011	8/10/2011	MDK	1
Benzo(k)fluoranthene	< 0.015	ug/l	0.015	0.047	1	M8270D	8/9/2011	8/10/2011	MDK	1
Chrysene	0.014 "J"	ug/l	0.013	0.042	1	M8270D	8/9/2011	8/10/2011	MDK	1
Dibenzo(a,h)anthracene	< 0.016	ug/l	0.016	0.05	1	M8270D	8/9/2011	8/10/2011	MDK	1
Fluoranthene	0.254	ug/l	0.012	0.039	1	M8270D	8/9/2011	8/10/2011	MDK	1
Fluorene	0.49	ug/l	0.008	0.025	1	M8270D	8/9/2011	8/10/2011	MDK	1
Indeno(1,2,3-cd)pyrene	< 0.015	ug/l	0.015	0.049	1	M8270D	8/9/2011	8/10/2011	MDK	1
1-Methyl naphthalene	0.082	ug/l	0.009	0.028	1	M8270D	8/9/2011	8/10/2011	MDK	1
2-Methyl naphthalene	0.076	ug/l	0.013	0.04	1	M8270D	8/9/2011	8/10/2011	MDK	1
Naphthalene	0.115	ug/l	0.015	0.047	1	M8270D	8/9/2011	8/10/2011	MDK	1
Phenanthrene	0.92	ug/l	0.01	0.033	1	M8270D	8/9/2011	8/10/2011	MDK	1
Pyrene	0.188	ug/l	0.013	0.042	1	M8270D	8/9/2011	8/10/2011	MDK	1

Project Name C.O.M. 1146 E. NORTH AVE. **Invoice #** E22618
Project # 12053

Lab Code 5022618A
Sample ID MW-1
Sample Matrix Water
Sample Date 8/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
VOC's										
Benzene	< 0.5	ug/l	0.5	1.6	1	8260B	8/9/2011	8/9/2011	MJR	1
Bromobenzene	< 0.74	ug/l	0.74	2.4	1	8260B	8/9/2011	8/9/2011	MJR	1
Bromodichloromethane	< 0.68	ug/l	0.68	2.2	1	8260B	8/9/2011	8/9/2011	MJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B	8/9/2011	8/9/2011	MJR	1
tert-Butylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B	8/9/2011	8/9/2011	MJR	1
sec-Butylbenzene	< 1	ug/l	1	3.3	1	8260B	8/9/2011	8/9/2011	MJR	1
n-Butylbenzene	< 0.9	ug/l	0.9	2.9	1	8260B	8/9/2011	8/9/2011	MJR	1
Carbon Tetrachloride	< 0.47	ug/l	0.47	1.5	1	8260B	8/9/2011	8/9/2011	MJR	1
Chlorobenzene	< 0.51	ug/l	0.51	1.6	1	8260B	8/9/2011	8/9/2011	MJR	1
Chloroethane	< 1.4	ug/l	1.4	4.5	1	8260B	8/9/2011	8/9/2011	MJR	1
Chloroform	< 0.49	ug/l	0.49	1.5	1	8260B	8/9/2011	8/9/2011	MJR	1
Chloromethane	< 1.9	ug/l	1.9	6.1	1	8260B	8/9/2011	8/9/2011	MJR	1
2-Chlorotoluene	< 0.7	ug/l	0.7	2.2	1	8260B	8/9/2011	8/9/2011	MJR	1
4-Chlorotoluene	< 0.44	ug/l	0.44	1.4	1	8260B	8/9/2011	8/9/2011	MJR	1
1,2-Dibromo-3-chloropropane	< 2.8	ug/l	2.8	8.9	1	8260B	8/9/2011	8/9/2011	MJR	1
Dibromochloromethane	< 0.55	ug/l	0.55	1.8	1	8260B	8/9/2011	8/9/2011	MJR	1
1,4-Dichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B	8/9/2011	8/9/2011	MJR	1
1,3-Dichlorobenzene	< 0.87	ug/l	0.87	2.8	1	8260B	8/9/2011	8/9/2011	MJR	1
1,2-Dichlorobenzene	< 0.76	ug/l	0.76	2.4	1	8260B	8/9/2011	8/9/2011	MJR	1
Dichlorodifluoromethane	< 1.8	ug/l	1.8	5.9	1	8260B	8/9/2011	8/9/2011	MJR	1
1,2-Dichloroethane	< 0.5	ug/l	0.5	1.6	1	8260B	8/9/2011	8/9/2011	MJR	1
1,1-Dichloroethane	< 0.98	ug/l	0.98	3.1	1	8260B	8/9/2011	8/9/2011	MJR	1
1,1-Dichloroethene	< 0.6	ug/l	0.6	1.9	1	8260B	8/9/2011	8/9/2011	MJR	1
cis-1,2-Dichloroethene	< 0.74	ug/l	0.74	2.4	1	8260B	8/9/2011	8/9/2011	MJR	1
trans-1,2-Dichloroethene	< 0.79	ug/l	0.79	2.5	1	8260B	8/9/2011	8/9/2011	MJR	1
1,2-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B	8/9/2011	8/9/2011	MJR	1
2,2-Dichloropropane	< 1.9	ug/l	1.9	5.9	1	8260B	8/9/2011	8/9/2011	MJR	8
1,3-Dichloropropane	< 0.71	ug/l	0.71	2.3	1	8260B	8/9/2011	8/9/2011	MJR	1
Di-isopropyl ether	< 0.69	ug/l	0.69	2.2	1	8260B	8/9/2011	8/9/2011	MJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B	8/9/2011	8/9/2011	MJR	1
Ethylbenzene	< 0.78	ug/l	0.78	2.5	1	8260B	8/9/2011	8/9/2011	MJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	6.8	1	8260B	8/9/2011	8/9/2011	MJR	1
Isopropylbenzene	< 0.92	ug/l	0.92	2.9	1	8260B	8/9/2011	8/9/2011	MJR	1
p-Isopropyltoluene	< 0.92	ug/l	0.92	2.9	1	8260B	8/9/2011	8/9/2011	MJR	1
Methylene chloride	< 1.1	ug/l	1.1	3.4	1	8260B	8/9/2011	8/9/2011	MJR	1
Methyl tert-butyl ether (MTBE)	< 0.8	ug/l	0.8	2.5	1	8260B	8/9/2011	8/9/2011	MJR	1
Naphthalene	< 2.1	ug/l	2.1	6.8	1	8260B	8/9/2011	8/9/2011	MJR	1
n-Propylbenzene	< 0.59	ug/l	0.59	1.9	1	8260B	8/9/2011	8/9/2011	MJR	1
1,1,2,2-Tetrachloroethane	< 0.53	ug/l	0.53	1.7	1	8260B	8/9/2011	8/9/2011	MJR	1
1,1,1,2-Tetrachloroethane	< 1	ug/l	1	3.2	1	8260B	8/9/2011	8/9/2011	MJR	1
Tetrachloroethene	< 0.44	ug/l	0.44	1.4	1	8260B	8/9/2011	8/9/2011	MJR	1
Toluene	< 0.53	ug/l	0.53	1.7	1	8260B	8/9/2011	8/9/2011	MJR	1
1,2,4-Trichlorobenzene	< 1.5	ug/l	1.5	4.6	1	8260B	8/9/2011	8/9/2011	MJR	1
1,2,3-Trichlorobenzene	< 1.3	ug/l	1.3	4.2	1	8260B	8/9/2011	8/9/2011	MJR	1
1,1,1-Trichloroethane	< 0.85	ug/l	0.85	2.7	1	8260B	8/9/2011	8/9/2011	MJR	1
1,1,2-Trichloroethane	< 0.47	ug/l	0.47	1.5	1	8260B	8/9/2011	8/9/2011	MJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B	8/9/2011	8/9/2011	MJR	1
Trichlorofluoromethane	< 1.7	ug/l	1.7	5.3	1	8260B	8/9/2011	8/9/2011	MJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.5	1	8260B	8/9/2011	8/9/2011	MJR	1
1,3,5-Trimethylbenzene	< 0.74	ug/l	0.74	2.4	1	8260B	8/9/2011	8/9/2011	MJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.56	1	8260B	8/9/2011	8/9/2011	MJR	1

Project Name C.O.M. 1146 E. NORTH AVE. **Invoice #** E22618
Project # 12053

Lab Code 5022618A
Sample ID MW-1
Sample Matrix Water
Sample Date 8/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B	8/9/2011	8/9/2011	MJR	1
o-Xylene	< 0.8	ug/l	0.8	2.6	1	8260B	8/9/2011	8/9/2011	MJR	1
SUR - Toluene-d8	100	REC %			1	8260B	8/9/2011	8/9/2011	MJR	1
SUR - Dibromofluoromethane	94	REC %			1	8260B	8/9/2011	8/9/2011	MJR	1
SUR - 4-Bromofluorobenzene	104	REC %			1	8260B	8/9/2011	8/9/2011	MJR	1
SUR - 1,2-Dichloroethane-d4	108	REC %			1	8260B	8/9/2011	8/9/2011	MJR	1

Lab Code 5022618B
Sample ID EQUIP. BLANK
Sample Matrix Water
Sample Date 8/5/2011

	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	8/9/2011	8/9/2011	MJR	1
Bromobenzene	< 0.74	ug/l	0.74	2.4	1	8260B	8/9/2011	8/9/2011	MJR	1
Bromodichloromethane	< 0.68	ug/l	0.68	2.2	1	8260B	8/9/2011	8/9/2011	MJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B	8/9/2011	8/9/2011	MJR	1
tert-Butylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B	8/9/2011	8/9/2011	MJR	1
sec-Butylbenzene	< 1	ug/l	1	3.3	1	8260B	8/9/2011	8/9/2011	MJR	1
n-Butylbenzene	< 0.9	ug/l	0.9	2.9	1	8260B	8/9/2011	8/9/2011	MJR	1
Carbon Tetrachloride	< 0.47	ug/l	0.47	1.5	1	8260B	8/9/2011	8/9/2011	MJR	1
Chlorobenzene	< 0.51	ug/l	0.51	1.6	1	8260B	8/9/2011	8/9/2011	MJR	1
Chloroethane	< 1.4	ug/l	1.4	4.5	1	8260B	8/9/2011	8/9/2011	MJR	1
Chloroform	< 0.49	ug/l	0.49	1.5	1	8260B	8/9/2011	8/9/2011	MJR	1
Chloromethane	< 1.9	ug/l	1.9	6.1	1	8260B	8/9/2011	8/9/2011	MJR	1
2-Chlorotoluene	< 0.7	ug/l	0.7	2.2	1	8260B	8/9/2011	8/9/2011	MJR	1
4-Chlorotoluene	< 0.44	ug/l	0.44	1.4	1	8260B	8/9/2011	8/9/2011	MJR	1
1,2-Dibromo-3-chloropropane	< 2.8	ug/l	2.8	8.9	1	8260B	8/9/2011	8/9/2011	MJR	1
Dibromochloromethane	< 0.55	ug/l	0.55	1.8	1	8260B	8/9/2011	8/9/2011	MJR	1
1,4-Dichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B	8/9/2011	8/9/2011	MJR	1
1,3-Dichlorobenzene	< 0.87	ug/l	0.87	2.8	1	8260B	8/9/2011	8/9/2011	MJR	1
1,2-Dichlorobenzene	< 0.76	ug/l	0.76	2.4	1	8260B	8/9/2011	8/9/2011	MJR	1
Dichlorodifluoromethane	< 1.8	ug/l	1.8	5.9	1	8260B	8/9/2011	8/9/2011	MJR	1
1,2-Dichloroethane	< 0.5	ug/l	0.5	1.6	1	8260B	8/9/2011	8/9/2011	MJR	1
1,1-Dichloroethane	< 0.98	ug/l	0.98	3.1	1	8260B	8/9/2011	8/9/2011	MJR	1
1,1-Dichloroethene	< 0.6	ug/l	0.6	1.9	1	8260B	8/9/2011	8/9/2011	MJR	1
cis-1,2-Dichloroethene	< 0.74	ug/l	0.74	2.4	1	8260B	8/9/2011	8/9/2011	MJR	1
trans-1,2-Dichloroethene	< 0.79	ug/l	0.79	2.5	1	8260B	8/9/2011	8/9/2011	MJR	1
1,2-Dichloropropane	< 0.4	ug/l	0.4	1.3	1	8260B	8/9/2011	8/9/2011	MJR	1
2,2-Dichloropropane	< 1.9	ug/l	1.9	5.9	1	8260B	8/9/2011	8/9/2011	MJR	8
1,3-Dichloropropane	< 0.71	ug/l	0.71	2.3	1	8260B	8/9/2011	8/9/2011	MJR	1
Di-isopropyl ether	< 0.69	ug/l	0.69	2.2	1	8260B	8/9/2011	8/9/2011	MJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B	8/9/2011	8/9/2011	MJR	1
Ethylbenzene	< 0.78	ug/l	0.78	2.5	1	8260B	8/9/2011	8/9/2011	MJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	6.8	1	8260B	8/9/2011	8/9/2011	MJR	1
Isopropylbenzene	< 0.92	ug/l	0.92	2.9	1	8260B	8/9/2011	8/9/2011	MJR	1
p-Isopropyltoluene	< 0.92	ug/l	0.92	2.9	1	8260B	8/9/2011	8/9/2011	MJR	1
Methylene chloride	< 1.1	ug/l	1.1	3.4	1	8260B	8/9/2011	8/9/2011	MJR	1
Methyl tert-butyl ether (MTBE)	< 0.8	ug/l	0.8	2.5	1	8260B	8/9/2011	8/9/2011	MJR	1
Naphthalene	< 2.1	ug/l	2.1	6.8	1	8260B	8/9/2011	8/9/2011	MJR	1
n-Propylbenzene	< 0.59	ug/l	0.59	1.9	1	8260B	8/9/2011	8/9/2011	MJR	1

Project Name C.O.M. 1146 E. NORTH AVE. **Invoice #** E22618
Project # 12053

Lab Code 5022618B
Sample ID EQUIP. BLANK
Sample Matrix Water
Sample Date 8/5/2011

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1,2,2-Tetrachloroethane	< 0.53	ug/l	0.53	1.7	1	8260B	8/9/2011	8/9/2011	MJR	1
1,1,1,2-Tetrachloroethane	< 1	ug/l	1	3.2	1	8260B	8/9/2011	8/9/2011	MJR	1
Tetrachloroethene	< 0.44	ug/l	0.44	1.4	1	8260B	8/9/2011	8/9/2011	MJR	1
Toluene	< 0.53	ug/l	0.53	1.7	1	8260B	8/9/2011	8/9/2011	MJR	1
1,2,4-Trichlorobenzene	< 1.5	ug/l	1.5	4.6	1	8260B	8/9/2011	8/9/2011	MJR	1
1,2,3-Trichlorobenzene	< 1.3	ug/l	1.3	4.2	1	8260B	8/9/2011	8/9/2011	MJR	1
1,1,1-Trichloroethane	< 0.85	ug/l	0.85	2.7	1	8260B	8/9/2011	8/9/2011	MJR	1
1,1,2-Trichloroethane	< 0.47	ug/l	0.47	1.5	1	8260B	8/9/2011	8/9/2011	MJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B	8/9/2011	8/9/2011	MJR	1
Trichlorofluoromethane	< 1.7	ug/l	1.7	5.3	1	8260B	8/9/2011	8/9/2011	MJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.5	1	8260B	8/9/2011	8/9/2011	MJR	1
1,3,5-Trimethylbenzene	< 0.74	ug/l	0.74	2.4	1	8260B	8/9/2011	8/9/2011	MJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.56	1	8260B	8/9/2011	8/9/2011	MJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B	8/9/2011	8/9/2011	MJR	1
o-Xylene	< 0.8	ug/l	0.8	2.6	1	8260B	8/9/2011	8/9/2011	MJR	1
SUR - 1,2-Dichloroethane-d4	108	REC %			1	8260B	8/9/2011	8/9/2011	MJR	1
SUR - 4-Bromofluorobenzene	106	REC %			1	8260B	8/9/2011	8/9/2011	MJR	1
SUR - Dibromofluoromethane	102	REC %			1	8260B	8/9/2011	8/9/2011	MJR	1
SUR - Toluene-d8	104	REC %			1	8260B	8/9/2011	8/9/2011	MJR	1

Lab Code 5022618C
Sample ID TRIP BLANK
Sample Matrix Water
Sample Date 8/5/2011

	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	8/9/2011	8/9/2011	MJR	1
Bromobenzene	< 0.74	ug/l	0.74	2.4	1	8260B	8/9/2011	8/9/2011	MJR	1
Bromodichloromethane	< 0.68	ug/l	0.68	2.2	1	8260B	8/9/2011	8/9/2011	MJR	1
Bromoform	< 0.43	ug/l	0.43	1.4	1	8260B	8/9/2011	8/9/2011	MJR	1
tert-Butylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B	8/9/2011	8/9/2011	MJR	1
sec-Butylbenzene	< 1	ug/l	1	3.3	1	8260B	8/9/2011	8/9/2011	MJR	1
n-Butylbenzene	< 0.9	ug/l	0.9	2.9	1	8260B	8/9/2011	8/9/2011	MJR	1
Carbon Tetrachloride	< 0.47	ug/l	0.47	1.5	1	8260B	8/9/2011	8/9/2011	MJR	1
Chlorobenzene	< 0.51	ug/l	0.51	1.6	1	8260B	8/9/2011	8/9/2011	MJR	1
Chloroethane	< 1.4	ug/l	1.4	4.5	1	8260B	8/9/2011	8/9/2011	MJR	1
Chloroform	< 0.49	ug/l	0.49	1.5	1	8260B	8/9/2011	8/9/2011	MJR	1
Chloromethane	< 1.9	ug/l	1.9	6.1	1	8260B	8/9/2011	8/9/2011	MJR	1
2-Chlorotoluene	< 0.7	ug/l	0.7	2.2	1	8260B	8/9/2011	8/9/2011	MJR	1
4-Chlorotoluene	< 0.44	ug/l	0.44	1.4	1	8260B	8/9/2011	8/9/2011	MJR	1
1,2-Dibromo-3-chloropropane	< 2.8	ug/l	2.8	8.9	1	8260B	8/9/2011	8/9/2011	MJR	1
Dibromochloromethane	< 0.55	ug/l	0.55	1.8	1	8260B	8/9/2011	8/9/2011	MJR	1
1,4-Dichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B	8/9/2011	8/9/2011	MJR	1
1,3-Dichlorobenzene	< 0.87	ug/l	0.87	2.8	1	8260B	8/9/2011	8/9/2011	MJR	1
1,2-Dichlorobenzene	< 0.76	ug/l	0.76	2.4	1	8260B	8/9/2011	8/9/2011	MJR	1
Dichlorodifluoromethane	< 1.8	ug/l	1.8	5.9	1	8260B	8/9/2011	8/9/2011	MJR	1
1,2-Dichloroethane	< 0.5	ug/l	0.5	1.6	1	8260B	8/9/2011	8/9/2011	MJR	1
1,1-Dichloroethane	< 0.98	ug/l	0.98	3.1	1	8260B	8/9/2011	8/9/2011	MJR	1
1,1-Dichloroethene	< 0.6	ug/l	0.6	1.9	1	8260B	8/9/2011	8/9/2011	MJR	1
cis-1,2-Dichloroethene	< 0.74	ug/l	0.74	2.4	1	8260B	8/9/2011	8/9/2011	MJR	1
trans-1,2-Dichloroethene	< 0.79	ug/l	0.79	2.5	1	8260B	8/9/2011	8/9/2011	MJR	1

Project Name C.O.M. 1146 E. NORTH AVE. **Invoice #** E22618
Project # 12053

Lab Code 5022618C
Sample ID TRIP BLANK
Sample Matrix Water
Sample Date 8/5/2011

	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	8/9/2011	8/9/2011	MJR	1
2,2-Dichloropropane	< 1.9	ug/l	1.9	5.9	1	8260B	8/9/2011	8/9/2011	MJR	8
1,3-Dichloropropane	< 0.71	ug/l	0.71	2.3	1	8260B	8/9/2011	8/9/2011	MJR	1
Di-isopropyl ether	< 0.69	ug/l	0.69	2.2	1	8260B	8/9/2011	8/9/2011	MJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B	8/9/2011	8/9/2011	MJR	1
Ethylbenzene	< 0.78	ug/l	0.78	2.5	1	8260B	8/9/2011	8/9/2011	MJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	6.8	1	8260B	8/9/2011	8/9/2011	MJR	1
Isopropylbenzene	< 0.92	ug/l	0.92	2.9	1	8260B	8/9/2011	8/9/2011	MJR	1
p-Isopropyltoluene	< 0.92	ug/l	0.92	2.9	1	8260B	8/9/2011	8/9/2011	MJR	1
Methylene chloride	< 1.1	ug/l	1.1	3.4	1	8260B	8/9/2011	8/9/2011	MJR	1
Methyl tert-butyl ether (MTBE)	< 0.8	ug/l	0.8	2.5	1	8260B	8/9/2011	8/9/2011	MJR	1
Naphthalene	< 2.1	ug/l	2.1	6.8	1	8260B	8/9/2011	8/9/2011	MJR	1
n-Propylbenzene	< 0.59	ug/l	0.59	1.9	1	8260B	8/9/2011	8/9/2011	MJR	1
1,1,2,2-Tetrachloroethane	< 0.53	ug/l	0.53	1.7	1	8260B	8/9/2011	8/9/2011	MJR	1
1,1,1,2-Tetrachloroethane	< 1	ug/l	1	3.2	1	8260B	8/9/2011	8/9/2011	MJR	1
Tetrachloroethene	< 0.44	ug/l	0.44	1.4	1	8260B	8/9/2011	8/9/2011	MJR	1
Toluene	< 0.53	ug/l	0.53	1.7	1	8260B	8/9/2011	8/9/2011	MJR	1
1,2,4-Trichlorobenzene	< 1.5	ug/l	1.5	4.6	1	8260B	8/9/2011	8/9/2011	MJR	1
1,2,3-Trichlorobenzene	< 1.3	ug/l	1.3	4.2	1	8260B	8/9/2011	8/9/2011	MJR	1
1,1,1-Trichloroethane	< 0.85	ug/l	0.85	2.7	1	8260B	8/9/2011	8/9/2011	MJR	1
1,1,2-Trichloroethane	< 0.47	ug/l	0.47	1.5	1	8260B	8/9/2011	8/9/2011	MJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B	8/9/2011	8/9/2011	MJR	1
Trichlorofluoromethane	< 1.7	ug/l	1.7	5.3	1	8260B	8/9/2011	8/9/2011	MJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.5	1	8260B	8/9/2011	8/9/2011	MJR	1
1,3,5-Trimethylbenzene	< 0.74	ug/l	0.74	2.4	1	8260B	8/9/2011	8/9/2011	MJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.56	1	8260B	8/9/2011	8/9/2011	MJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.5	1	8260B	8/9/2011	8/9/2011	MJR	1
o-Xylene	< 0.8	ug/l	0.8	2.6	1	8260B	8/9/2011	8/9/2011	MJR	1
SUR - Toluene-d8	97	REC %			1	8260B	8/9/2011	8/9/2011	MJR	1
SUR - 1,2-Dichloroethane-d4	94	REC %			1	8260B	8/9/2011	8/9/2011	MJR	1
SUR - 4-Bromofluorobenzene	109	REC %			1	8260B	8/9/2011	8/9/2011	MJR	1
SUR - Dibromofluoromethane	102	REC %			1	8260B	8/9/2011	8/9/2011	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.
8	Closing calibration standard not within established limits.

ESC denotes sub contract lab - Certification #998093910

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 C. CUSTODY RECORD

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

Chain # Nº 0995
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 #: 12053
Sampler: (signature) David Dailey
Project (Name / Location): City of Milw. "C O M" 1146 E. North 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

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
502618A	MW-1	8-5-11	12:00		G	**	5	GW	HCl, HNO_3
B	Equip Blk								
C	Trip Blk								

Analysis Requested / Other Analysis

DRO (Mod DRO Sep 96)	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
					X					X	X	
										X		
										X		

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

** only the HNO_3 is Filtered

Sample Integrity - To be completed by receiving lab.
Method of Shipment : Dunham xpress
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
David Dailey	12:30 PM	8-5-11			

Received in Laboratory By: [signature] Time: 7:30 AM Date: 8/6/11