

GIS REGISTRY  
Cover Sheet

March, 2010  
(RR 5367)

Source Property Information

CLOSURE DATE: 09/14/10

BRRTS #: 02-41531327 & 03-41-111395  
ACTIVITY NAME: VACANT LOT & ADELMAN CLEANERS LAUNDRY MAT  
PROPERTY ADDRESS: 3009 N. Humboldt Blvd  
MUNICIPALITY: Milwaukee  
PARCEL ID #: 2811049000

FID #: 241853150  
DATCP #:  
COMM #:

\*WTM COORDINATES:

WTM COORDINATES REPRESENT:

X: 691114 Y: 291080

Approximate Center Of Contaminant Source

\* Coordinates are in  
WTM83, NAD83 (1991)

Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

Groundwater Contamination > ES (236)

Soil Contamination > \*RCL or \*\*SSRCL (232)

Contamination in ROW

Contamination in ROW

Off-Source Contamination

Off-Source Contamination

(note: for list of off-source properties  
see "Impacted Off-Source Property" form)

(note: for list of off-source properties  
see "Impacted Off-Source Property" form)

Land Use Controls:

N/A (Not Applicable)

Cover or Barrier (222)

Soil: maintain industrial zoning (220)

(note: maintenance plan for  
groundwater or direct contact)

(note: soil contamination concentrations  
between non-industrial and industrial levels)

Vapor Mitigation (226)

Structural Impediment (224)

Maintain Liability Exemption (230)

Site Specific Condition (228)

(note: local government unit or economic  
development corporation was directed to  
take a response action)

Monitoring Wells:

Are all monitoring wells properly abandoned per NR 141? (234)

Yes  No  N/A

\* Residual Contaminant Level

\*\*Site Specific Residual Contaminant Level



BRRTS #: 02-41531327 & 03-41-111395

VACANT LOT & ADELMAN CLEANERS LAUNDRY MAT

**MAPS (continued)**

- Geologic Cross-Section Map:** A map showing the source location and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL). If groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES) when closure is requested, show the source location and vertical extent, water table and piezometric elevations, and locations and elevations of geologic units, bedrock and confining units, if any.

**Figure #:**                      **Title:**

**Figure #:**                      **Title:**

- Groundwater Isoconcentration Map:** For sites closing with residual groundwater contamination, this map shows the horizontal extent of all groundwater contamination exceeding a ch. NR140 Preventive Action Limit (PAL) and an Enforcement Standard (ES). Indicate the direction and date of groundwater flow, based on the most recent sampling data.

**Note:** *This is intended to show the total area of contaminated groundwater.*

**Figure #: 6**                      **Title: Groundwater Quality Map**

- Groundwater Flow Direction Map:** A map that represents groundwater movement at the site. If the flow direction varies by more than 20° over the history of the site, submit 2 groundwater flow maps showing the maximum variation in flow direction.

**Figure #: 7**                      **Title: Groundwater Contour Map**

**Figure #:**                      **Title:**

**TABLES (meeting the requirements of s. NR 716.15(2)(h)(3))**

Tables must be no larger than 11 x 17 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

- Soil Analytical Table:** A table showing remaining soil contamination with analytical results and collection dates.  
**Note:** This is one table of results for the contaminants of concern. Contaminants of concern are those that were found during the site investigation, that remain after remediation. It may be necessary to create a new table to meet this requirement.

**Table #: 2**                      **Title: Soil Analytical Results**

- Groundwater Analytical Table:** Table(s) that show the most recent analytical results and collection dates, for all monitoring wells and any potable wells for which samples have been collected.

**Table #: 3**                      **Title: Groundwater Quality Results**

- Water Level Elevations:** Table(s) that show the previous four (at minimum) water level elevation measurements/dates from all monitoring wells. If present, free product is to be noted on the table.

**Table #: 1**                      **Title: Static Groundwater Elevations**

**IMPROPERLY ABANDONED MONITORING WELLS**

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.

**Note:** *If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.*

- Not Applicable**

- Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.

**Note:** *If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.*

**Figure #:**                      **Title:**

- Well Construction Report:** Form 4440-113A for the applicable monitoring wells.

- Deed:** The most recent deed as well as legal descriptions for each property where a monitoring well was not properly abandoned.

- Notification Letter:** Copy of the notification letter to the affected property owner(s).

BRRTS #: 02-41531327 & 03-41-111395

VACANT LOT & ADELMAN CLEANERS LAUNDRY MAT

## NOTIFICATIONS

### Source Property

**Not Applicable**

**Letter To Current Source Property Owner:** If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.

**Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying current source property owner.

### Off-Source Property

Group the following information per individual property and label each group according to alphabetic listing on the "Impacted Off-Source Property" attachment.

**Not Applicable**

**Letter To "Off-Source" Property Owners:** Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.

**Note:** Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.

**Number of "Off-Source" Letters: 1**

**Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.

**Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies)**. This does not apply to right-of-ways.

**Note:** If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.

**Letter To "Governmental Unit/Right-Of-Way" Owners:** Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).

**Number of "Governmental Unit/Right-Of-Way Owner" Letters: 1**

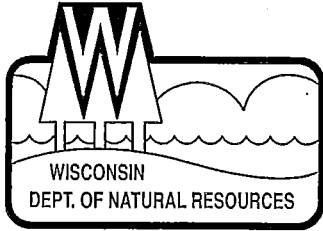
This fillable form is intended to provide a list of information that must be submitted for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request (Section H). The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

**NOTICE: Completion of this form is mandatory** for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #: 02-41531327 & 03-41-111395

ACTIVITY NAME: VACANT LOT & ADELMAN CLEANERS LAUNDRY MAT- FORMER

ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
A	3017 N Humboldt Blvd, Milwaukee	281-1048-000	691119	291107
B				
C				
D				
E				
F				
G				
H				
I				



**State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES**

Jim Doyle, Governor  
Matthew J. Frank, Secretary  
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters  
2300 N. Dr. Martin Luther King, Jr. Drive  
Milwaukee, Wisconsin 53212-0436  
Telephone 414-263-8500  
FAX 414-263-8716  
TTY 414-263-8713

September 14, 2010

Ms. Karen Dettmer  
Redevelopment Authority, City of Milwaukee  
P.O. Box 324  
Milwaukee, WI 53202-0324

File Ref: FID#241853150  
BRRTS#02-41-531327  
#03-41-111395

SUBJECT: Final Case Closure with Continuing Obligations  
3009 N. Humboldt Drive, Milwaukee, WI

Dear Ms. Dettmer:

On June 3, 2010, the Southeast Region Closure Committee reviewed the above referenced case for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On July 28, 2010, you were notified that the Department had granted conditional closure to this case.

On August 6, 2010, the Department received information or documentation indicating that you have complied with the requirements for final closure. Your consultant, Sigma Environmental Services, submitted forms to document the abandonment of all groundwater monitoring wells at the property, and indicated that all investigative waste had been removed from the property.

The Department reviewed the case closure request regarding the chlorinated solvents in soil and groundwater at this site. Chlorinated solvent contamination was found in soil and groundwater at the site, and remedial actions were undertaken to address the impacts, including excavation, in-situ treatment, installation of surface and vapor barriers and a passive soil venting trench, and natural attenuation monitoring. After careful review of the closure request, the Department has determined that the chlorinated solvent contamination on the site from the former dry cleaning operation appears to have been investigated and remediated to the extent practicable under site conditions. Residual soil and groundwater contamination will remain at the site, and maintenance of the surface and vapor barriers and the passive vapor trench will be required as conditions of case closure. Underground petroleum storage tanks were removed from the site and petroleum impacts were identified visually during the removals. Soil and groundwater sampling in the vicinity of these tanks did not identify petroleum contaminants above any residual contaminant levels and no conditions will be required for the closure of the apparent petroleum releases. Based on the correspondence and data provided, it appears that your case meets the closure requirements in ch. NR 726, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation is required at this time. However, you and future property owners must comply with certain continuing obligations as explained in this letter.

## GIS Registry

This site will be listed on the Remediation and Redevelopment Program's GIS Registry. The specific reasons are summarized below:

- Residual soil contamination exists that must be properly managed should it be excavated or removed
- Pavement, an engineered cover or a soil barrier must be maintained over contaminated soil and the state must approve any changes to this barrier
- Groundwater contamination is present above Chapter NR 140 enforcement standards
- A soil vapor venting trench and a separate vertical vapor barrier must be maintained

This letter and information that was submitted with your closure request application will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit the RR Sites Map page at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. If the property is listed on the GIS Registry because of remaining contamination and you intend to construct or reconstruct a well, you will need prior Department approval in accordance with s. NR 812.09(4)(w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line <http://dnr.wi.gov/org/water/dwg/3300254.pdf> or at the web address listed above for the GIS Registry.

## Closure Conditions

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. You must pass on the information about these continuing obligations to the next property owner or owners. If these requirements are not followed or if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment, the Department may take enforcement action under s. 292.11 Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property or this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code. The Department intends to conduct inspections in the future to ensure that the conditions included in this letter including compliance with referenced maintenance plans are met.

Cover or Barrier: Pursuant to s. 292.12(2)(a), Wis. Stats., the pavement or other impervious cap that currently exists in the location shown on the attached map (Soil Quality Map) shall be maintained in compliance with the attached "Barrier Maintenance Plan – March 2010" in order to minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code, and to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health. If soil on the property is excavated in the future, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken during excavation activities to prevent a health threat to humans.

The attached maintenance plan and inspection log are to be kept up-to-date and on-site. Please submit a copy of the inspection log to the Department on an annual basis, and provide the current “on-site” location for the maintenance plan storage, to the following: ***Victoria Stovall, Program Associate, Remediation and Redevelopment Program, Wisconsin Department of Natural Resources, 2300 N. Dr. M.L. King, Jr. Drive, Milwaukee, WI 53212***

Prohibited Activities: The following activities are prohibited on any portion of the property where pavement, a building foundation, soil cover, engineered cap or other barrier is required as shown on the attached map, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources: 1) removal of the existing barrier; 2) replacement with another barrier; 3) excavating or grading of the land surface; 4) filling on capped or paved areas; 5) plowing for agricultural cultivation; 6) construction or placement of a building or other structure.

Residual Groundwater Contamination: Groundwater impacted by tetrachloroethylene and compounds resulting from the degradation of PCE, including trichloroethylene, cis-1,2-dichloroethylene and vinyl chloride, contamination greater than enforcement standards set forth in ch. NR140, Wis. Adm. Code, is present on this contaminated property and within Humboldt Avenue right-of-way east of this contaminated property. Off-property owners have been notified of the presence of groundwater contamination. For more detailed information regarding the locations where groundwater samples have been collected (i.e., monitoring well locations) and the associated contaminant concentrations, refer to the Remediation and Redevelopment Program’s GIS Registry at the RR Sites Map page at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>.

Vapor Mitigation Features: The vertical vapor barrier trench and passive vapor venting trench in the locations shown on the attached map (As-Built Site Layout) shall be maintained in compliance with the attached “Barrier Maintenance Plan – March 2010” to prevent vapor phase chlorinated solvent compounds from migrating off the property.

The attached maintenance plan and inspection log are to be kept up-to-date and on-site. Please submit a copy of the inspection log to the Department on an annual basis, and provide the current “on-site” location for the maintenance plan storage, to the following: ***Victoria Stovall, Program Associate, Remediation and Redevelopment Program, Wisconsin Department of Natural Resources, 2300 N. Dr. M.L. King, Jr. Drive, Milwaukee, WI 53212***

Vapor Migration: In addition, depending on site-specific conditions, construction over contaminated materials may result in vapor migration of contaminants into enclosed structures or migration along newly placed underground utility lines. The potential for vapor inhalation and means of mitigation should be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protection of public health, safety, welfare and the environment at the site.

Dewatering Permits: The Department’s Watershed Management Program regulates point source discharges of contaminated water, including discharges to surface waters, storm sewers, pits or to the ground surface. This includes discharges from construction related dewatering activities, including utility and building construction.



Based on the concentrations of contaminants remaining in groundwater at this location, it appears likely that dewatering activities would require a permit from the Watershed Management Program. If you or any other person plan to conduct such activities, you or that person must contact that program, and if necessary, apply for the necessary discharge permit. Additional information regarding discharge permits is available at <http://www.dnr.state.wi.us/org/water/wm/ww/>

### **Post-Closure Notification Requirements**

In accordance with ss, 292.12 and 292.13, Wis. Stats., you must notify the Department before making changes that affect or relate to the conditions of closure in this letter. For this case, examples of changed conditions requiring prior notification include, but are not limited to:

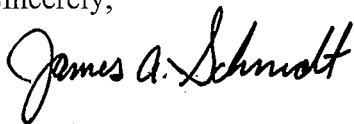
- Disturbance, construction on, change or removal in whole or part of pavement, an engineered cover or a soil barrier that must be maintained over contaminated soil
- Discontinuing maintenance or making changes to the soil vapor venting trench or the vertical vapor barrier

Please send written notifications in accordance with the above requirements to the WDNR Southeast Region Headquarters, Remediation and Redevelopment Program, to the attention of Victoria Stovall, Program Associate, at 2300 N. Dr. Martin Luther King, Jr. Drive, Milwaukee, WI 53212.

The following DNR fact sheet, RR-819, "Continuing Obligations for Environmental Protection" has been included with this letter, to help explain a property owner's responsibility for continuing obligations on their property. If the fact sheet is lost, you may obtain a copy at <http://dnr.wi.gov/org/aw/rr/archives/pubs/RR819.pdf>.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Pam Mylotta at (414) 263-8758.

Sincerely,



James A. Schmidt, Team Supervisor  
Southeast Region Remediation & Redevelopment Program

#### Attachments:

- Barrier Maintenance plan – March 2010, which includes
  - o Soil Quality Map – 3009 N. Humboldt Blvd (Figure 5 – included with Barrier Maintenance Plan)
  - o As-Built Site Layout map
- RR 819 - Continuing Obligations for Environmental Protection

cc: Mafizul Islam – Sigma Group  
Shiloh Holdings LLC

**BARRIER MAINTENANCE PLAN  
MARCH 2010  
PROPERTY LOCATED AT:  
3009 NORTH HUMBOLDT BOULEVARD  
MILWAUKEE, WISCONSIN**

**FID#241853150  
BRRTS# 02-41-531327  
03-41-111395**

**Legal Description:** Lots 17 to 20, inclusive in Block 8, in Moses Kneeland's Partition of Lots 33, 34 and 35 in Section 16, Township 7 North, Range 22 East, and Lots 15 and 16 in the Subdivision of the East ½ of the Southwest ¼ of Section 9, Township 7 North, Range 22 East in the City of Milwaukee, County of Milwaukee, State of Wisconsin.

**Parcel ID Number:** 2811049000

**Introduction:** This document is the Maintenance Plan for a barrier and passive vent system at the above referenced property in accordance with the requirements of Ch. NR 724.13(2), Wis. Admin. Code. The maintenance activities relate to the existing asphalt pavement, concrete pavement and landscaped areas at the site occupying the area over the contaminated soil on-site and also relate to the passive vent system installed beneath the asphalt pavement at the site.

More site-specific information about this property may be found in:

- The case file in the DNR Southeast regional office
- BRRTS on the Web (DNR's internet based data base of contaminated sites):  
<http://botw.dnr.state.wi.us/botw/SetUpBasicSearchForm.do>
- GIS Registry PDF file for further information on the nature and extent of contamination: <http://dnrmaps.wisconsin.gov/imf/imfApplyTheme.jsp?index=1>; and
- The DNR project manager for Milwaukee County.

**Description of Contamination:** Soil contaminated by chlorinated volatile organic compounds is located at a depth of 4 to 18 feet beneath the asphalt pavement located in the northeast area of the property located at 3009 North Humboldt Boulevard, Milwaukee, Wisconsin. The extent of the soil contamination is shown on the attached Figure 5.

**Description of the Barrier and System to be Maintained:** The Barrier consists of asphalt pavement, brick pavement, and landscaped topsoil areas. The passive vent system consists of the vent pipe and gravel fill installed in the northeast area of the site. The Barrier and passive vent system are located as shown on the attached Figure 3.

**Cover Barrier Purpose:** The asphalt, concrete pavement, and landscaped barriers over the contaminated soil serve as a barrier to prevent direct human contact with residual soil contamination that might otherwise pose a threat to human health. These barriers also act

as a partial infiltration barrier to minimize future soil to groundwater contamination migration that would violate the groundwater standards in ch. NR 140, Wisconsin Administrative Code. Based on the current future use of the property, the barrier should function as intended unless disturbed.

**Passive Vent System Purpose:** The passive vent system serves as means for volatile vapors associated with the residual soil and groundwater contamination at the site to escape from beneath the asphalt pavement. The passive vent system will function as intended unless disturbed.

**Annual Inspection:** The asphalt, brick, and landscaped barrier overlying the contaminated soil and as depicted in Figure 3, along with the passive vent system, will be inspected once a year, normally in the spring after all snow and ice is gone, for deterioration, cracks and other potential problems that can cause additional infiltration to or exposure to underlying soils. The passive vent system exhaust pipe will be inspected for damage. The inspections will be performed by the property owner or their designated representative. The inspections will be performed to evaluate damage due to settling, exposure to the weather, wear from traffic, increasing age and other factors. Any area where soils have become or are likely to become exposed and where infiltration from the surface will not be effectively minimized will be documented. A log of the inspections and any repairs will be maintained by the property owner and is included as Exhibit B, Cap Inspection Log. The log will include recommendations for necessary repair of any areas where underlying soils are exposed and where infiltration from the surface will not be effectively minimized or for the passive vent system pipe if damage is apparent. Once repairs are completed, they will be documented in the inspection log. A copy of the inspection log will be kept at the address of the property owner and available for submittal or inspection by Wisconsin Department of Natural Resources ("WDNR") representatives upon their request.

**Maintenance Activities:** If problems are noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. Repairs can include patching and filling or larger resurfacing or construction operations, including repair of the passive vent system piping. In the event that necessary maintenance activities expose the underlying soil, the owner must inform maintenance workers of the direct contact exposure hazard and provide them with appropriate personal protection equipment ("PPE"). The owner must also sample any soil that is excavated from the site prior to disposal to ascertain if contamination remains. The soil must be treated, stored and disposed of by the owner in accordance with applicable local, state and federal law.

In the event the barrier materials overlying the contaminated soil are removed or replaced, the replacement barrier must be equally impervious. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by the WDNR or its successor.

The property owner, in order to maintain the integrity of the asphalt pavement, brick and landscaped areas, and passive vent system will maintain a copy of this Maintenance Plan

on-site and make it available to all interested parties (i.e. on-site employees, contractors, future property owners, etc.) for viewing.

**Prohibition of Activities and Notification of DNR Prior to Actions Affecting a Cover or Cap:**

The following activities are prohibited on any portion of the property where pavement, brick, or landscaped areas are to be maintained as shown on the attached map, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources: 1) removal of the existing barrier and passive vent system; 2) replacement with another barrier; 3) excavating or grading of the land surface; 4) filling on capped or paved areas; 5) plowing for agricultural cultivation; or 6) construction or placement of a building or other structure.

**Amendment or Withdrawal of Maintenance Plan:** This Maintenance Plan can be amended or withdrawn by the property owner and its successors with the written approval of WDNR.

**Contact Information**

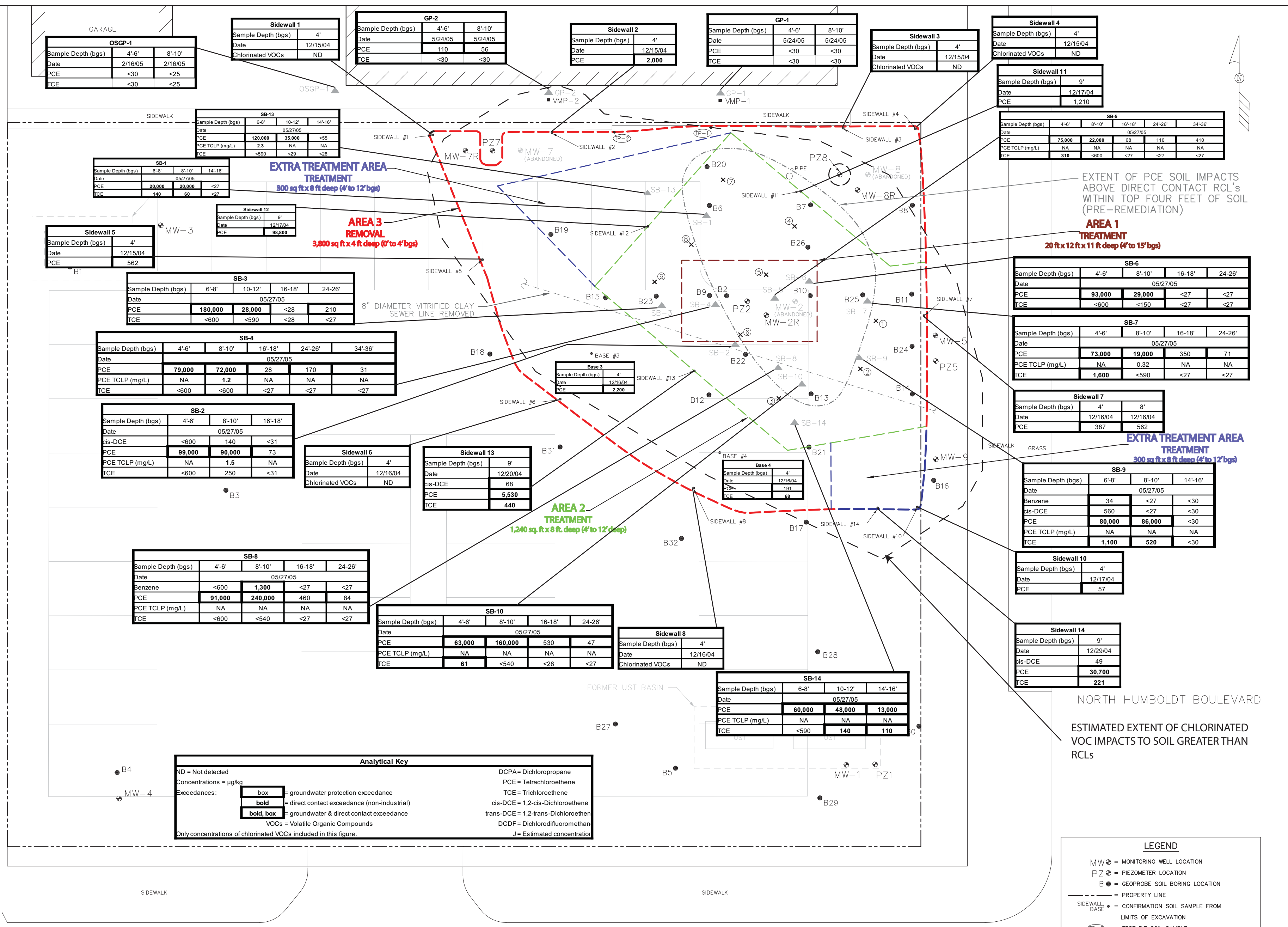
March 2010

Site Owner: 3009 North Humboldt Boulevard  
Redevelopment Authority of the City of Milwaukee  
Attention: Ms. Karen Dettmer, P.E.  
809 N. Broadway  
Milwaukee, WI 53202  
Phone: (414) 286-5642

Consultant: Mafizul Islam, P.E.  
Sigma Environmental Services, Inc.  
1300 W. Canal Street  
Milwaukee, WI 53233  
Phone: (414) 643-4200

WDNR: Ms. Pam Mylotta  
Wisconsin Department of Natural Resources  
Bureau of Remediation and Redevelopment  
2300 N. Dr. Martin Luther King Jr. Drive  
Milwaukee, WI 53212  
Phone: (414) 263-8500

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NOTE:  
MAP BASED ON SITE FEATURE MAP DEVELOPED BY  
GILES ENGINEERING ASSOCIATES, INC., DATED 11-11-04.

SCALE - 1" = 10'

NO	DATE	REVISIONS	BY	APVD

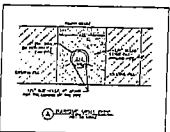
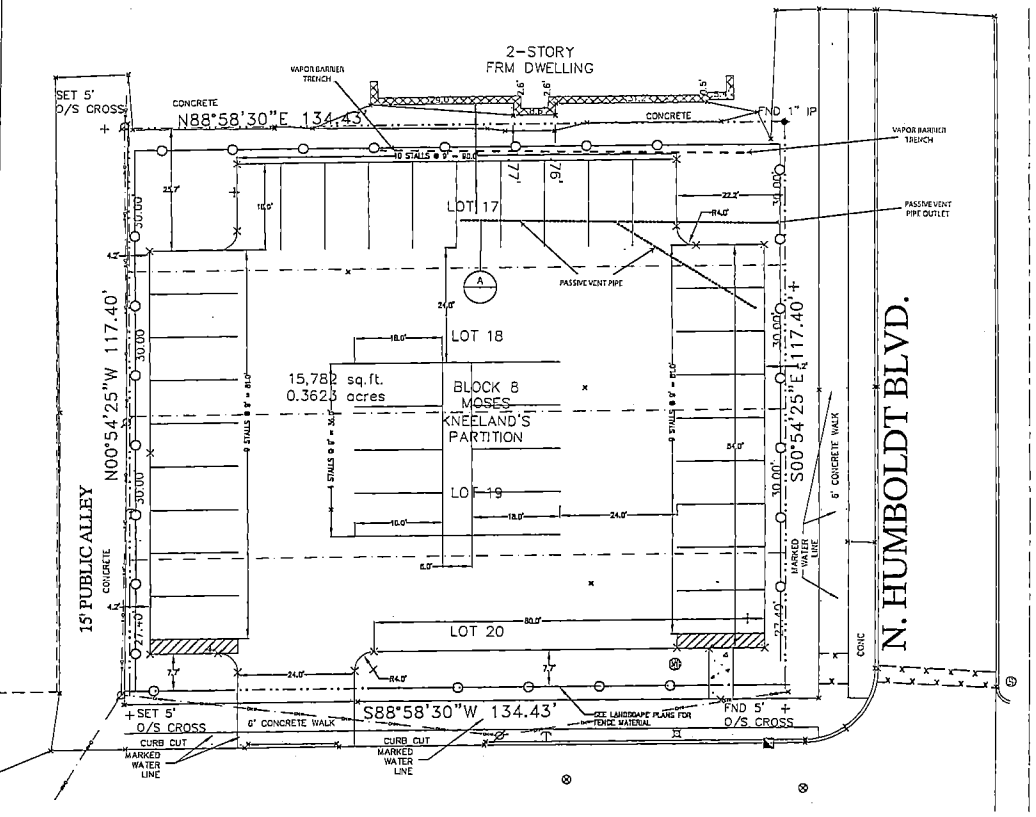
NAME:	SJR	DATE:	9-10-07
DRAWN BY:		DESIGNED BY:	
CHECKED BY:		APPROVED BY:	

**City of Milwaukee**  
3009 North Humboldt Boulevard, Milwaukee, Wisconsin  
**SOIL QUALITY MAP**

DRAWING NUMBER	9056-013
<b>FIGURE 5</b>	

GENERAL NOTES

1. THE LOCATION OF ALL STRUCTURES, OBSTACLES, AND EXISTING FACILITIES SHALL NOT BE TAKEN AS CONCLUSIVE. IT SHALL BE ASSUMED THAT THE CONTRACTOR HAS VERIFIED SAID LOCATIONS AS A CONDITION OF HIS BID AND THEREFORE THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES RESULTING FROM HIS ACTIVITIES.
  2. ALL ELEVATIONS ARE REFERENCED TO THE LOCAL DATUM.
  3. ALL CONTRACTORS SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS NECESSARY TO CARRY OUT THEIR WORK.
  4. ALL STAKES NECESSARY FOR THE CONTRACTOR TO DETERMINE LOCATION AND/OR GRADES FOR ANY SECTION OF THE WORK HEREON DESCRIBED SHALL BE SET BY THE OWNER, OR THE OWNER'S REPRESENTATIVE.
  5. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL BY THE OWNER A LIST OF ALL MATERIALS PROPOSED TO BE USED PRIOR TO ORDERING OR DELIVERY.
  6. MATERIALS TESTS CONDUCTED BY ANY INDEPENDENT TESTING LAB MAY BE DIRECTED BY THE ENGINEER OR OWNER. IF SUCH TESTING IS ORDERED, THE CONTRACTOR SHALL FURNISH THE SAMPLES AND THE COST OF TESTING SHALL BE PAID BY THE OWNER. RESULTS OF ANY FIELDING TESTS SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE.
  7. ALL CONTRACTORS SHALL HAVE A COMPETENT FOREMAN, SUPERINTENDENT OR OTHER REPRESENTATIVE AT THE SITE AT ALL TIMES WHO HAS AUTHORITY TO ACT FOR THE CONTRACTOR.
  8. A PRELIMINARY CONFERENCE MAY BE HELD PRIOR TO CONSTRUCTION START UP.
  9. CONTRACTORS SHALL BE RESPONSIBLE FOR ADEQUATELY BARRICADED AREAS OF CONSTRUCTION AS MAY BE REQUIRED TO PROTECT AGAINST TRAFFIC IN AREAS AS WELL AS BARRICADING OF THE CONSTRUCTION SITE WHERE NECESSARY. SIGNAGE SHALL BE ACCORDANCE WITH THE MINNESOTA DEPARTMENT OF TRANSPORTATION MANUAL OF TRAFFIC CONTROL SIGNALS. ALL OTHER SIGNS MUST BE PRE-APPROVED BY OWNER.
  10. ALL DIMENSIONS ARE TO FACE OF CURB OR FACE OF BUILDING.
  11. COORDINATE WITH PROJECT MANUAL TO VERIFY GENERAL REQUIREMENTS. WHEN REQUIREMENTS STATED ON THIS SHEET DIFFER FROM REQUIREMENTS SPECIFIED IN THE PROJECT MANUAL, THE MOST STRINGENT REQUIREMENTS APPLICABLE TO THE CONTRACTOR SHALL GOVERN.
  12. ALL ROAD AND PAVING CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE MINNESOTA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND STREETWORK CONSTRUCTION. SECTION OF THESE SPECIFICATIONS REFERRED TO AS THE STANDARD SPECIFICATIONS, EXCEPT AS INDICATED HEREON.
  13. WHERE SPECIFIC PORTIONS OF THESE SPECIFICATIONS ARE IN CONFLICT WITH THE STANDARD SPECIFICATIONS, THESE SPECIFICATIONS SHALL GOVERN.
- PAVING**
1. THE PAVING CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING THE CRUSHED STONE BASE ON THE DRIVES AND PARKING AREAS TO THE DEPTHS INDICATED.
  2. BASE COURSE IN ALL PAVED (CONCRETE AND ASPHALT) AREAS SHALL BE IN ACCORDANCE WITH THE PAVING PLAN AND THE TYPICAL PAVEMENT SECTIONS SHOWN ON THE DETAIL SHEETS. THE CRUSHED STONE SHALL MEET THE REQUIREMENTS OF SECTION 201.02. GRADATION NO. 2 OF THE STANDARD SPECIFICATIONS PLACED IN ONE LIFT. THE BASE COURSE SHALL BE COMPACTED USING ROLLERS, VIBRATORY ROLLERS, OR THE EQUIPMENT OF 201.02 AS DETAIL IN SECTION 201.02 OF THE STANDARD SPECIFICATIONS.
  3. PORTLAND CEMENT CONCRETE AREAS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 413 AND 416 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL INCLUDE ONE (1) PER CENT IN THE CEMENT MIXTURE. THE 28-DAY STRENGTH OF THE CONCRETE SHALL BE 4,500 PSI WITH EX ENTRAINED (%-100). THE MAXIMUM JOINT SPACING SHALL BE 18 FEET WITH THE JOINTS BEING SEALED AFTER CUTTING TO RETARD FUTURE WATER PROBLEMS. EXPANSION JOINTS SHALL BE OCCURRED AT 100-FOOT INTERVALS.
  4. SURVEY INFORMATION WAS PROVIDED BY OTHERS.
  5. SEE SURVEY FOR BENCHMARK ELEVATIONS.
  6. SEE ARCHITECTURAL PLANS FOR STAIR DETAILS.
- CURB, SEWER, STAIR, SIDEWALK AND BENCHMARKS**
1. WHERE INDICATED ON THE PLANS, INSTALL CONCRETE SIDEWALK IN ACCORDANCE WITH SECTION 502 OF THE STANDARD SPECIFICATIONS. SIDEWALKS SHALL BE AS SHOWN ON THE ARCHITECTURAL DRAWINGS, OR 3' WIDE BY 3" FEET HIGH (MIN).
  2. CONCRETE CURBS SHALL BE INSTALLED WHERE INDICATED ON THE PLANS. INSTALLATION SHALL BE IN ACCORDANCE WITH SECTION 501 OF THE STANDARD SPECIFICATIONS. DIMENSIONS SHALL BE AS SHOWN ON THE TYPICAL SECTION.
  3. ALL SURPLUS EXCAVATED MATERIAL SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR FOR ITS TEMPORARY LOCATION.
  4. ALL ENTRANCES SHALL HAVE THE EXISTING 6" VERTICAL FACE SAVED AND REMOVED OF THE ENTIRE CURB AND CUTTER LENGTH ROUNDED AND REPLACED WITH CONCRETE CUTTER SECTION.
  5. ALL DIMENSIONS ARE TO FACE OF CURB OR BUILDING UNLESS NOTED.



NORTH END OF THE BUILDING SCALE 1"=10'



LEGEND	
○ WATER MANHOLE	○ ELECTRIC METER
○ HYDRANT	○ ELECTRIC MANHOLE
○ WATER VALVE	○ TELEPHONE PEGHOLE
○ LIGHT POLE	○ TELEPHONE MANHOLE
○ ELECTRICAL OUTLET	○ SLOPE PEGHOLE
○ UTILITY POLE	○ SPRINKLER HEAD
○ 6\"/>	



**Post Building Restoration**  
2941-2955 N. Humboldt Blvd., Minneapolis, MN 55412

**Alterra Coffee Roasters**  
2211 N. Prospect Ave., Milwaukee, WI 53202  
414-273-3747  
414-273-3848 FAX  
Project No. 041375.01

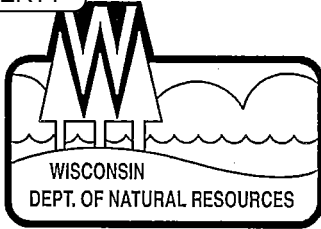


Drawn by: EJO  
Checked by: GJR  
File: 05037501.dwg

FIGURE 3 AS-BUILT SITE LAYOUT



OFF-SOURCE  
A  
PROPERTY



**State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES**

Jim Doyle, Governor  
Matthew J. Frank, Secretary  
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters  
2300 N. Dr. Martin Luther King, Jr. Drive  
Milwaukee, Wisconsin 53212-0436  
Telephone 414-263-8500  
FAX 414-263-8716  
TTY 414-263-8713

September 14, 2010

Shiloh Holdings LLC  
2031 Neva Road  
Antigo, WI 54409

**SUBJECT:** Continuing Obligations and Property Owner Requirements for 3017 N. Humboldt Boulevard, Milwaukee, WI, Parcel Identification Number: 281 1048 000  
Final Case Closure for Former Adelman Cleaners Laundry Mart – Vacant Lot, 3009 N. Humboldt Blvd, Milwaukee, WI  
WDNR BRRTS Activity #: 02-41-531327

Dear Sir or Madam:

The purpose of this letter is to notify you that certain continuing obligations apply to the property at 3017 N. Humboldt Boulevard, Milwaukee, Wisconsin, (referred to in this letter as the "Property") due to contamination remaining on the Property. The continuing obligations are part of the cleanup and case closure approved for the above referenced case, located at 3009 N. Humboldt Boulevard, Milwaukee, Wisconsin. (The case is referenced by the location of the source property, i.e. the property where the original discharge occurred, prior to contamination migrating to the Property.) The continuing obligations that apply to the Property are stated as conditions in the attached closure approval letter, and are consistent with s. 292.12, Wis. Stats., and ch. NR 700, Wis. Adm. Code, rule series. They are meant to limit exposure to any remaining environmental contamination at the Property. These continuing obligations will also apply to future owners of the Property, until the conditions no longer exist at the Property.

It is common for properties with approved cleanups to have continuing obligations as part of cleanup/closure approvals. Information on continuing obligations on properties is shown on the Internet at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. How to find further information about the closure and residual contamination for this site can be located at <http://dnr.wi.gov/org/aw/rr/clean.htm>.

The Department reviewed and approved the case closure request regarding the chlorinated solvent contamination in soil at this site, based on the information submitted by Sigma Environmental Services on behalf of the City of Milwaukee. As required by state law, you received notification about the requested closure from the person conducting the cleanup. No further investigation or cleanup is required at this time. However, the closure decision is conditioned on the long-term compliance with certain continuing obligations, as described below.

Continuing Obligations Applicable to Your Property

A number of continuing obligations are described in the attached case closure letter to the City of Milwaukee Redevelopment Authority, dated September 14, 2010. However, only the following continuing obligations apply to your Property.



**Residual Soil Contamination:** Residual soil contamination remains at **sampling point GP-2**, located on the 3017 N. Humboldt Boulevard property as indicated **on the attached Soil Quality Map** in the information submitted to the Department of Natural Resources. If soil in the specific location described above is excavated in the future, then pursuant to ch. NR 718 or, if applicable, ch. 289, Stats., and chs. 500 to 536, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

#### GIS Registry – Well Construction Approval Needed

Because of the residual soil contamination and the continuing obligations, the 3009 N. Humboldt Blvd. site, which includes your Property, will be listed on the Department's internet accessible GIS Registry, at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. If you intend to construct or reconstruct a well on the Property, you will need to get Department approval in accordance with s. NR 812.09(4) (w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. A well driller can help with this form. This form can be obtained on-line <http://dnr.wi.gov/org/water/dwg/3300254.pdf>. If at some time, all these continuing obligations are fulfilled, and the remaining contamination is either removed or meets applicable standards, you may request the removal of the Property from the GIS Registry.

#### Property Owner Responsibilities

The owner (you and any subsequent property owner) of this Property is responsible for compliance with these continuing obligations, pursuant to s. 292.12, Wis. Stats. You are strongly encouraged to pass on the information about these continuing obligations to anyone who purchases this property from you (i.e. pass on this letter). For residential property transactions, you are required to make disclosures under Wis. Stats. s. 709.02. You may have additional obligations to notify buyers of the condition of the property and the continuing obligations set out in this letter and the closure letter.

Please be aware that failure to comply with the continuing obligations may result in enforcement action by the Department. The Department intends to conduct inspections in the future to ensure that the conditions included in this letter, including compliance with referenced maintenance plans, are met.

These responsibilities are the property owner's. A property owner may enter into a legally binding agreement (such as a contract) with someone else (the person responsible for the cleanup) to take responsibility for compliance with the continuing obligations. If the person with whom any property owner has an agreement fails to adequately comply with the appropriate continuing obligations, the Department has the authority to require the property owner to complete the necessary work.

A legal agreement between you and another party to carry out any of the continuing obligations listed in this letter does not automatically transfer to a new owner of the property. If a subsequent property owner cannot negotiate a new agreement, the responsibility for compliance with the applicable continuing obligations resides with that Property owner.


The following DNR fact sheet, RR-819, "Continuing Obligations for Environmental Protection" has been included with this letter, to help explain a property owner's responsibility for continuing obligations on their property. If the fact sheet is lost, you may obtain a copy at <http://dnr.wi.gov/org/aw/rr/archives/pubs/RR819.pdf>.

Under s. 292.13, Wis. Stats., owners of properties affected by contamination from another property are generally exempt from investigating or cleaning up a hazardous substance discharge that has migrated onto a property from another property, through the soil, groundwater or sediment pathway. However, the exemption under s. 292.13, Wis. Stats., does not exempt the property owner from the responsibility to maintain a continuing obligation placed on the property in accordance with s. 292.12, Wis. Stats. To maintain this exemption, that statute requires the current property owner and any subsequent property owners, to meet the conditions in the statute, including:

- Granting reasonable access to DNR or responsible party, or their contractors;
- Avoiding interference with response actions taken; and
- Avoiding actions that make the contamination worse (e.g., demolishing a structure and causing or worsening the discharges to the environment).

The Department appreciates your efforts. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Pam Mylotta at (414) 263-8758.

Sincerely,



James A. Schmidt, Team Supervisor  
Southeast Region Remediation & Redevelopment Program

Attachments:

- Case Closure Letter for 3009 N. Humboldt Blvd. property, dated September 14, 2010
- Barrier Maintenance plan – March 2010, which includes
  - o Soil Quality Map – 3009 N. Humboldt Blvd (Figure 5 – included with Barrier Maintenance Plan)
  - o As-Built Site Layout map
- RR 819 - Continuing Obligations for Environmental Protection

cc: Karen Dettmer - City of Milwaukee Redevelopment Authority  
Mafizul Islam – Sigma Environmental Services



**State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES**

Jim Doyle, Governor  
Matthew J. Frank, Secretary  
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters  
2300 N. Dr. Martin Luther King, Jr. Drive  
Milwaukee, Wisconsin 53212-0436  
Telephone 414-263-8500  
FAX 414-263-8716  
TTY 414-263-8713

July 28, 2010

Ms. Karen Dettmer  
Redevelopment Authority, City of Milwaukee  
P.O. Box 324  
Milwaukee, WI 53202-0324

Subject: Conditional Closure Decision,  
With Requirements to Achieve Final Closure  
3009 N Humboldt Ave., Milwaukee, Wisconsin  
WDNR BRRTS Activity # 02-41-531327 and #03-41-111395  
FID#241853150

Dear Ms. Dettmer:

On June 3, 2010, the Department of Natural Resources Southeast Region Closure Committee reviewed your request for closure of the case described above. The Department reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. Chlorinated solvent contamination was found in soil and groundwater at the site, and remedial actions were undertaken to address the impacts, including excavation, in-situ treatment, installation of surface and vapor barriers and a passive soil venting trench, and natural attenuation monitoring. After careful review of the closure request, the Department has determined that the chlorinated solvent contamination on the site from the former dry cleaning operation appears to have been investigated and remediated to the extent practicable under site conditions. Residual soil and groundwater contamination will remain at the site, and maintenance of the surface and vapor barriers and the passive vapor trench will be required as conditions of the final case closure. Underground petroleum storage tanks were removed from the site and petroleum impacts were identified visually during the removals. Soil and groundwater sampling in the vicinity of these tanks did not identify petroleum contaminants above any residual contaminant levels and no conditions will be required for the closure of the apparent petroleum releases. Your cases have been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code and will be closed if the following conditions are satisfied:

**MONITORING WELL ABANDONMENT**

The monitoring wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to me on Form 3300-005 found at <http://dnr.wi.gov/org/water/dwg/gw/> or provided by the Department of Natural Resources.

**PURGE WATER, WASTE AND SOIL PILE REMOVAL**

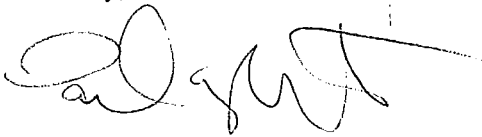
Any remaining purge water, waste and/or soil piles generated as part of site investigation or remediation activities must be removed from the site and disposed of or treated in accordance with Department of Natural Resources' rules. Once that work is completed, please send appropriate documentation regarding the treatment or disposal of the remaining purge water, waste and/or soil piles.

When the above conditions have been satisfied, please submit the appropriate documentation (for example, well abandonment forms, disposal receipts, copies of correspondence, etc.) to verify that applicable conditions have been met, and your case will be closed. Following case closure, your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the GIS Registry. To review the site on the GIS Registry web page, visit the RR Sites Map page at: <http://dnr.wi.gov/org/aw/rr/gis/index.htm>.

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment.

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (414) 774-9937.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Mylotta', with a long horizontal flourish extending to the right.

Pamela A. Mylotta, Hydrogeologist  
Remediation & Redevelopment Program  
Southeast Region, Milwaukee Service Center

cc: Mafizul Islam – The Sigma Group

1



Document Number

QUIT CLAIM DEED

DOC.# 09277569

Name and Return Address  
Redevelopment Authority of the City of Milwaukee  
Attn: Real Estate Section (Miller)  
P.O. Box 324  
Milwaukee, WI 53201

REGISTER'S OFFICE | SS  
Milwaukee County, WI

RECORDED 07/27/2006 03:33PM

Tax Key No.: 281-1051-100-2, 281-1052-110-5 & 281-1049-000-5

JOHN LA FAVE  
REGISTER OF DEEDS

This transaction is exempt from the Wisconsin Real Estate Transfer Fee and Transfer Return pursuant to Sec. 77.25(2) of the Wisconsin Statutes.

AMOUNT: 11.00

Recording Area

THIS INDENTURE, Made this Eighth Day of June, 2006, between the CITY OF MILWAUKEE, a municipal corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at Milwaukee, Wisconsin as Grantor, and the REDEVELOPMENT AUTHORITY OF THE CITY OF MILWAUKEE, an agency created, organized and existing as a separate and distinct body corporate of the State of Wisconsin under Section 66.1333, Wisconsin Statutes, hereinafter referred to as the Act, as Grantee:

WITNESSETH, That the said Grantor, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, has given, granted, bargained, sold, remised, released, and quit claimed, and by these presents does give, grant, bargain, sell, remise, release, and quit claim unto the said Grantee, and to its successors and assigns forever, the following described real estate:

Lots 1 to 9 inclusive, in Block 9, in Moses Kneeland's Partition of Lots 33, 34 and 35, in Section 16, Township 7 North, Range 22 East, and Lots 15 and 16 in the Subdivision of the East 1/2 of the Southwest 1/4 of Section 9, Township 7 North, Range 22 East in the City of Milwaukee, County of Milwaukee, State of Wisconsin.

Also, Block 1 of Humboldt Park, being a part of the Northwest 1/4 of Section 16, Town 7 North, Range 22 East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin, excepting therefrom that part conveyed in Quit Claim Deed recorded as Document No. 8013585 described as follows:

Commencing at the Southwest corner of the intersection of East Chambers Street and North Humboldt Boulevard, said point also being the Northeast corner of Lot 1, Block 9, Moses Kneeland's partition; thence South 00°07'08" East along the West right-of-way line of Humboldt Boulevard 374.91 feet to the place of beginning; thence continue South 00°07'08" East along the West right-of-way line of said boulevard 91.19 feet to the Southeast corner of said Block 1; thence South 89°45'30" West along the South line of said Block 7.92 feet to the Southeast corner of said Block 1; thence North 19°46'21" West along the West line of said Block 1 96.84 feet; thence North 89°52'11" East 40.48 feet to point of beginning.  
Address: 2941-55 and 2963 North Humboldt Boulevard

Lots 17 to 20, inclusive in Block 8, in Moses Kneeland's Partition of Lots 33, 34 and 35, in Section 16, Township 7 North, Range 22 East, and Lots 15 and 16 in the Subdivision of the East 1/2 of the Southwest 1/4 of Section 9, Township 7 North, Range 22 East in the City of Milwaukee, County of Milwaukee, State of Wisconsin.  
Address: 3009 North Humboldt Boulevard

TO HAVE AND TO HOLD, the same, together with all and singular the appurtenances and privileges as thereunto belonging or in any wise thereunto appertaining, and all the estate, right, title, interest and claim whatsoever of the said Grantor, either in law or equity, either in possession or expectancy of, to the only proper use, benefit and behoof of the said Grantee, its successors and assigns forever, but subject to the terms and conditions hereinbefore set forth in this Deed.

IN WITNESS WHEREOF, Grantor has executed this Deed in its name by its Special Deputy Commissioner of the Department of City Development, at Milwaukee, Wisconsin, this 27th Day of July, 2006.

CITY OF MILWAUKEE

Elaine M. Miller  
Special Deputy Commissioner  
Department of City Development

STATE OF WISCONSIN )  
)SS  
COUNTY OF MILWAUKEE )

Personally came before me this 27th Day of July, 2006, Elaine Miller, Special Deputy Commissioner of the Department of City Development, to me known to be the person who executed the foregoing instrument pursuant to Resolution File No. 051562 adopted by its Common Council on April 11, 2006.



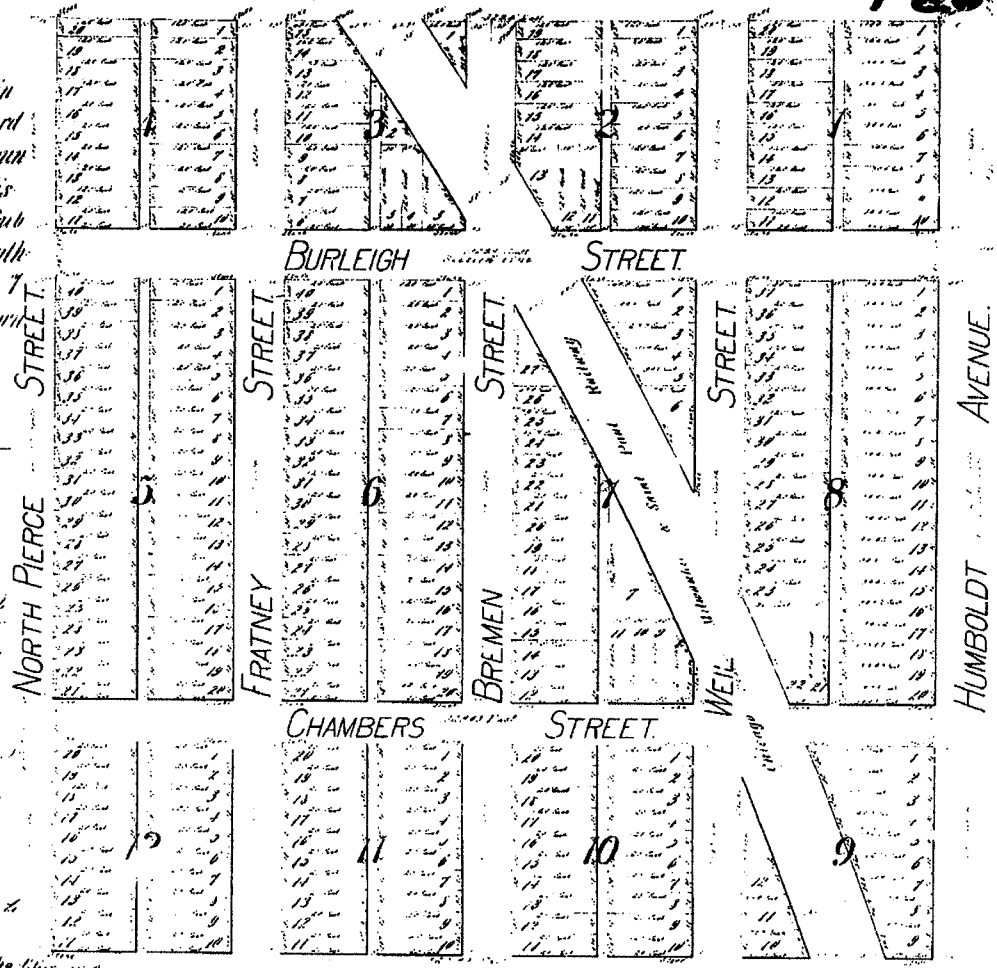
*Karen D. Underwood*  
Notary Public  
Milwaukee County, Wisconsin  
My commission expires July 26, 2009

This document was drafted by the City of Milwaukee, Department of City Development (Miller).

B-13  
P-26

# MOSES KNEELAND'S PARTITION

of Lots 33, 34 & 35 in Section 16 in  
Town 7 North, Range 22 East, 13th Ward  
of the City of Milwaukee in the Coun-  
ty of Milwaukee and State of Wis-  
consin and Lots 15 & 16 in the Sub-  
division of the East 1/2 of the South-  
west 1/4 of Section 9 in said Town 7  
North, Range 22 East in the Town  
of Milwaukee in said County of  
Milwaukee and State of Wis-  
consin.




*[Handwritten notes and signatures, including names like 'Moses Kneeland' and 'John J. ...']*

*[Extensive handwritten text, including legal descriptions, signatures, and dates. Mentions 'State of Wisconsin', 'County of Milwaukee', and various names and dates.]*

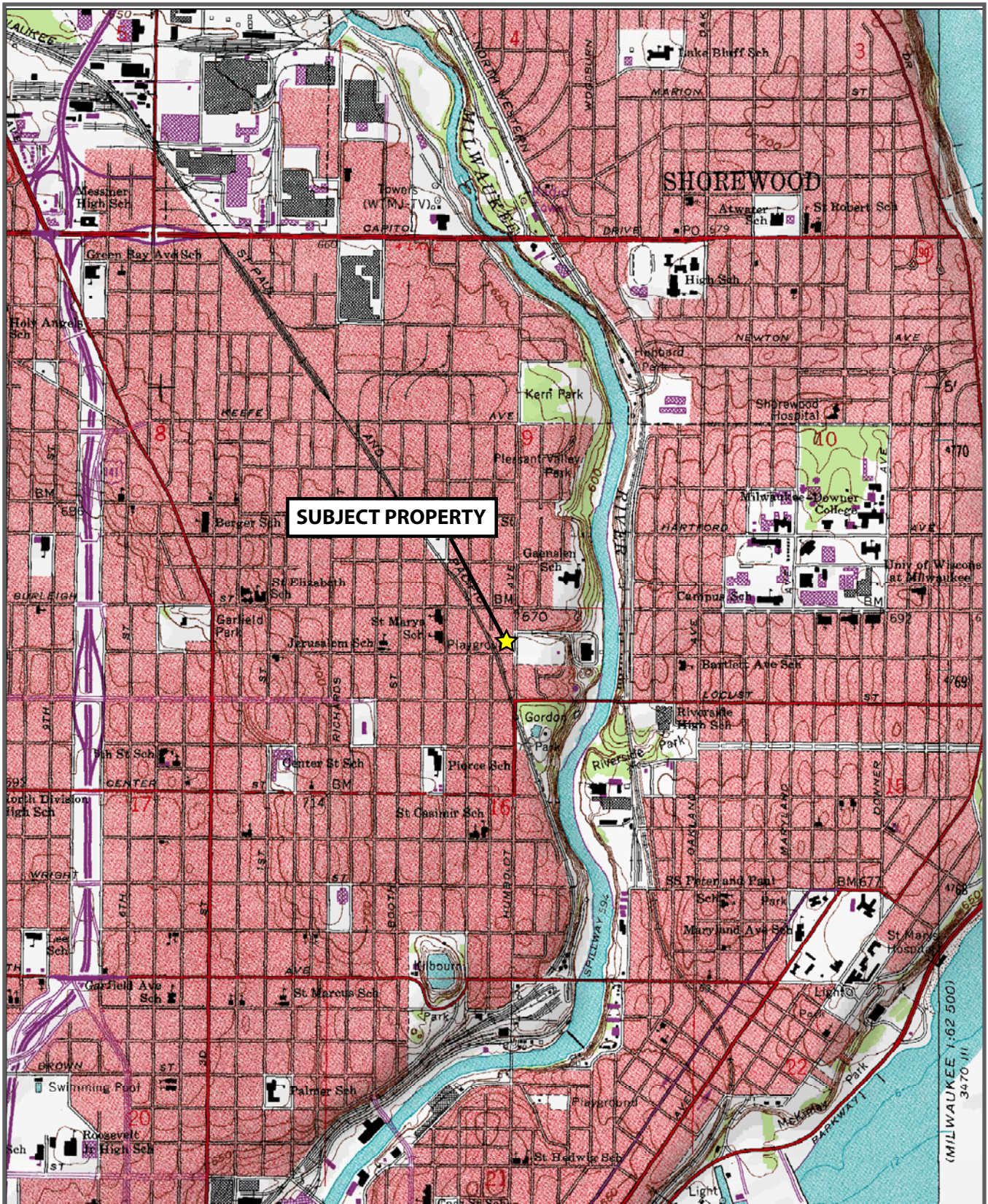
**STATEMENT BY RESPONSIBLE PARTY**

The Redevelopment Authority of the City of Milwaukee, the responsible party for the property located at 3009 N. Humboldt Boulevard, Milwaukee, Wisconsin, states that the legal description for each property within the contaminated site boundaries for case file reference 02-41-531327 is attached.

  
\_\_\_\_\_  
Signature of Representative for Responsible Party

Karen Dettmer for RAEM

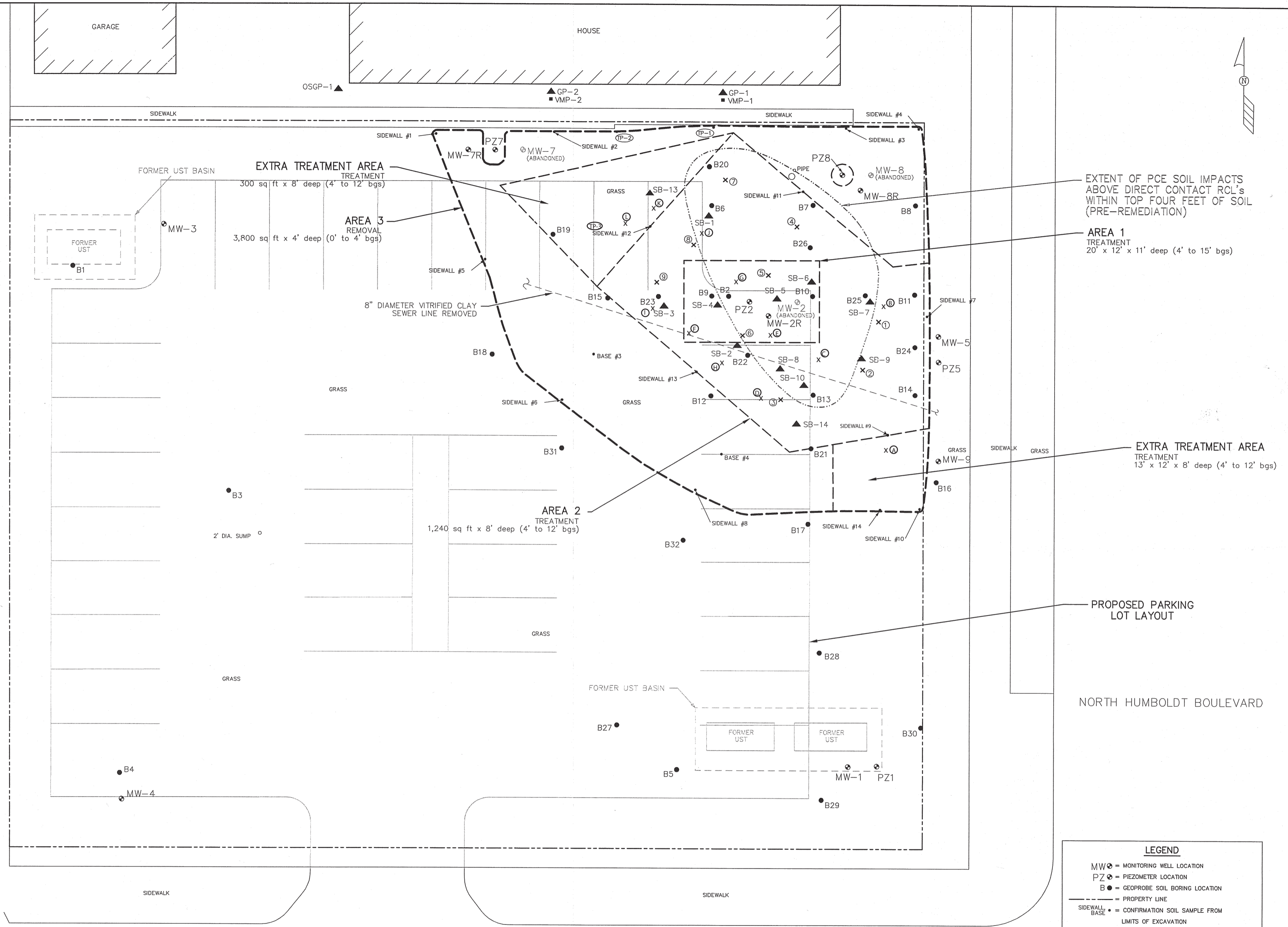
3/23/10  
\_\_\_\_\_  
Date



**Site/Client:** City of Milwaukee  
**Address:** 3009 N. Humboldt Boulevard  
 Milwaukee, WI  
**Project:** #9056

## FIGURE 1 SITE LOCATION MAP





EXTENT OF PCE SOIL IMPACTS ABOVE DIRECT CONTACT RCL'S WITHIN TOP FOUR FEET OF SOIL (PRE-REMEDIATION)

AREA 1 TREATMENT 20' x 12' x 11' deep (4' to 15' bgs)

EXTRA TREATMENT AREA TREATMENT 13' x 12' x 8' deep (4' to 12' bgs)

PROPOSED PARKING LOT LAYOUT

NORTH HUMBOLDT BOULEVARD

WEST CHAMBERS STREET

LEGEND	
MW	MONITORING WELL LOCATION
PZ	PIEZOMETER LOCATION
B	GEOPROBE SOIL BORING LOCATION
- - -	PROPERTY LINE
○	CONFIRMATION SOIL SAMPLE FROM LIMITS OF EXCAVATION
⊙	TEST PIT SOIL SAMPLE
⊗	POST-TREATMENT SOIL SAMPLE
SB	POST-TREATMENT VERIFICATION SAMPLING
VMP	VAPOR SAMPLING LOCATION

NOTE: MAP BASED ON SITE FEATURE MAP DEVELOPED BY GILES ENGINEERING ASSOCIATES, INC., DATED 11-11-04.

**THE SIGMA GROUP**  
 Single Source. Sound Solutions.  
 www.thesigmagroup.com  
 1300 West Canal Street  
 Milwaukee, Wisconsin 53233  
 Phone: 414-643-4200  
 Fax: 414-643-4210

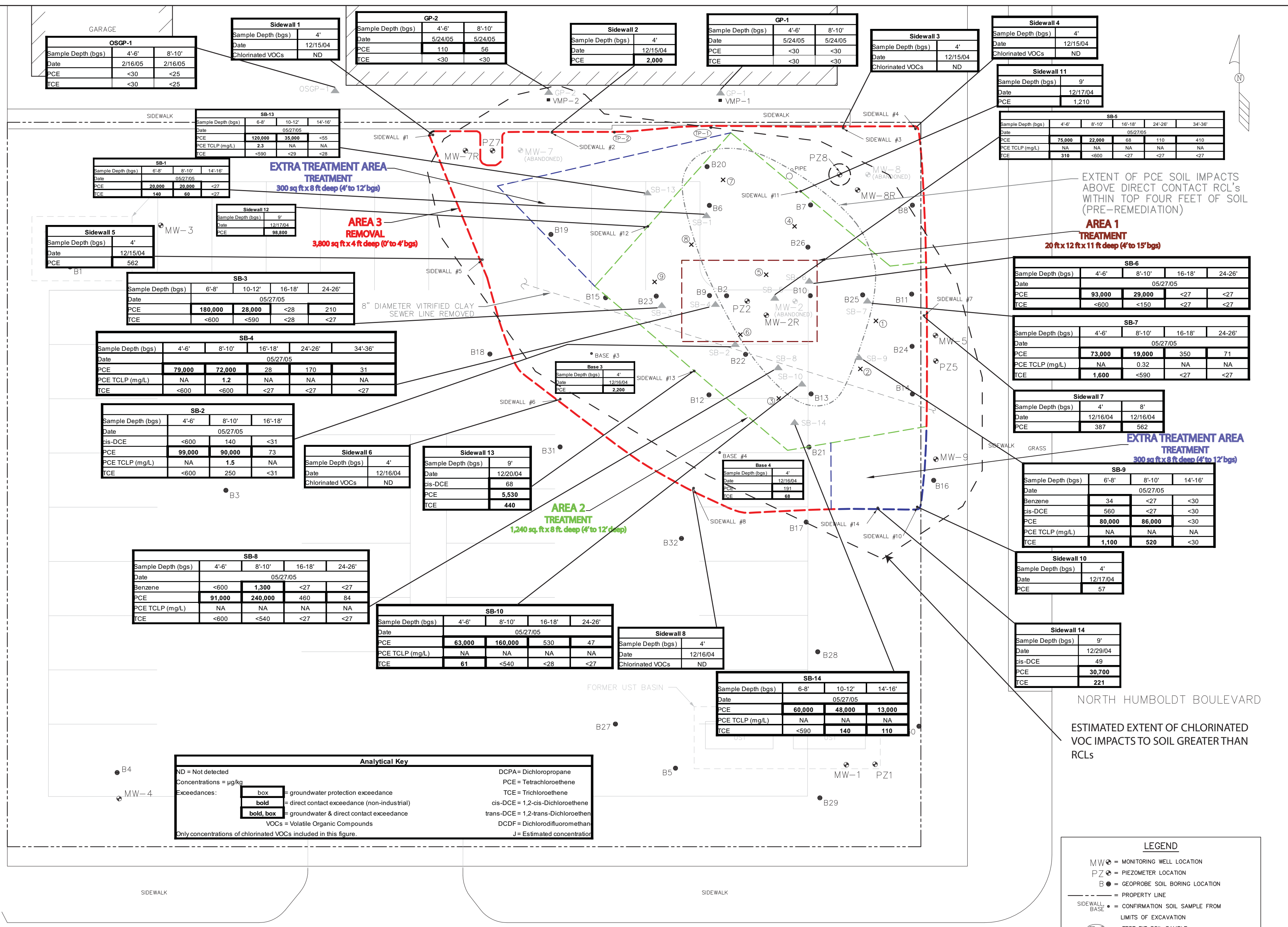
SCALE - 1" = 10'				
NO	DATE	REVISIONS	BY	APVD

NAME:	SJR	DATE:	9-10-07
DRAWN BY:		DESIGNED BY:	
CHECKED BY:		APPROVED BY:	

**City of Milwaukee**  
**3009 North Humboldt Boulevard, Milwaukee, Wisconsin**  
**Site Plan Map**

DRAWING NUMBER	9056-013
<b>Figure 2</b>	

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NOTE:  
 MAP BASED ON SITE FEATURE MAP DEVELOPED BY  
 GILES ENGINEERING ASSOCIATES, INC., DATED 11-11-04.

SCALE - 1" = 10'

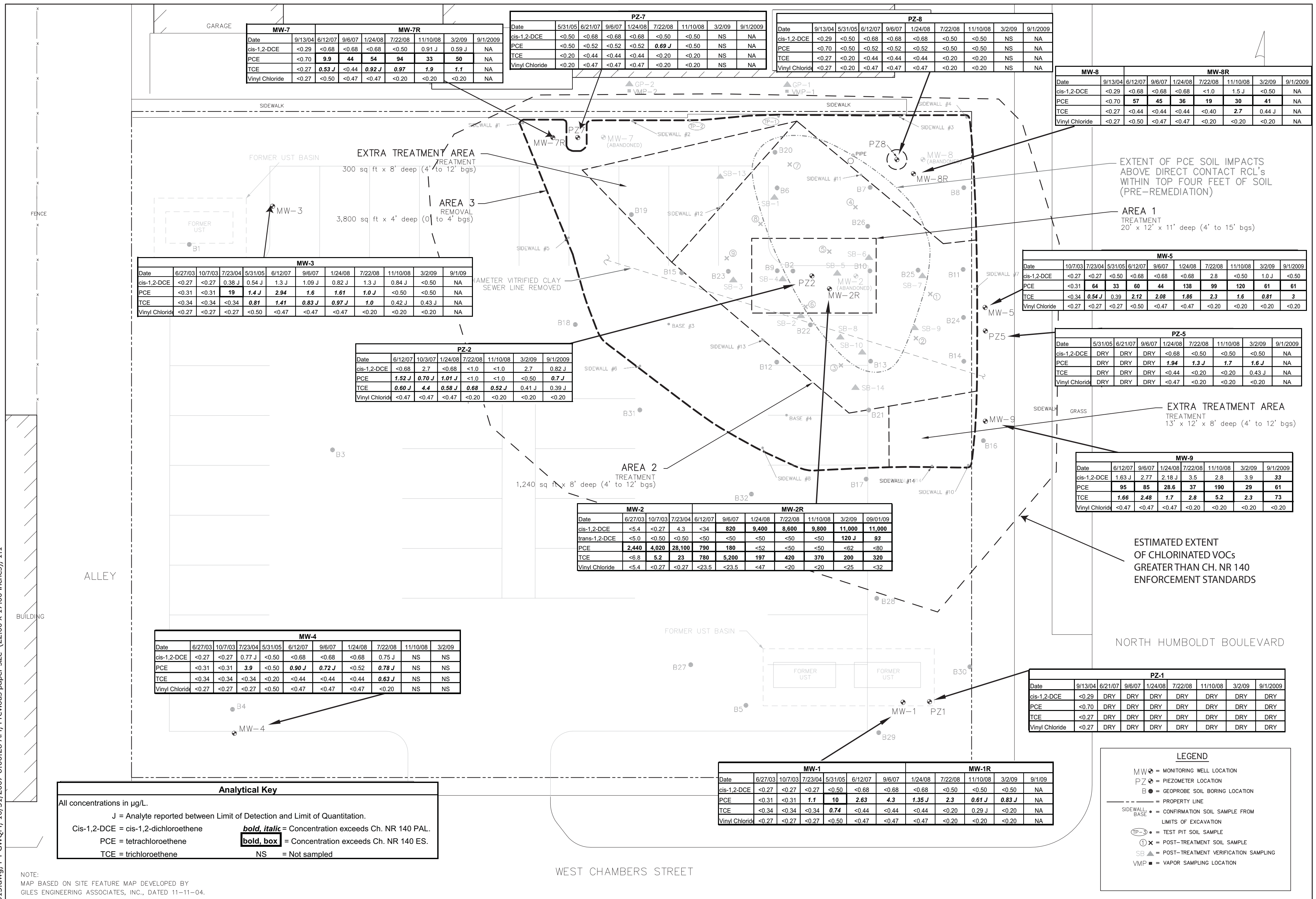
NO	DATE	REVISIONS	BY	APVD

NAME:	SJR	DATE:	9-10-07
DRAWN BY:		DESIGNED BY:	
CHECKED BY:		APPROVED BY:	

**City of Milwaukee**  
**3009 North Humboldt Boulevard, Milwaukee, Wisconsin**  
**SOIL QUALITY MAP**

DRAWING NUMBER	9056-013
<b>FIGURE 5</b>	

K:\CTYOFMIL\9056\9056-013.dwg, 10/31/2007 8:06:28 AM, Previous paper size (22.00 x 17.00 inches), 1:1



**THE SIGMA GROUP**  
Single Source. Sound Solutions.

www.thesigmagroup.com  
1300 West Canal Street  
Milwaukee, Wisconsin 53233  
Phone: 414-643-4200  
Fax: 414-643-4210

SCALE - 1" = 10'	
NO	DATE
REVISIONS	BY
APVD	

NAME:	SJR
DATE:	10-16-07
DRAWN BY:	
DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	

**City of Milwaukee**  
3009 North Humboldt Boulevard, Milwaukee, Wisconsin  
Groundwater Quality Map (09/01/09)

DRAWING NUMBER  
9056-013

**Figure 6**







**Table 2A**  
**Soil Quality Results - VOCs**  
**3009 North Humboldt Boulevard, Milwaukee, WI 53212**  
**Sigma Project No. 9056**

Soil Sample Location:	TP-1		TP-2		TP-3	Base 1	Base 2	Base 3	Base 4	
Sample Depth (feet bgs):	4	8	4	8	8	4	4	4	5	
Date:	12/14/04	12/14/04	12/14/04	12/14/04	12/20/04	12/15/04	12/15/04	12/16/04	12/17/04	
Photoionization Detector	ppm	0	2	0	0	14	2	2	0	0
<b>Detected VOCs</b>										
Tetrachloroethene	µg/kg	< 30	3,030	< 28	< 31	150,000 "J"	14,300	35,800	2,200	191
Trichloroethene	µg/kg	<30	<30	<28	<31	<29	<28	<31	<29	68
1,2-Dichlorobenzene	µg/kg	<30	<30	<28	<31	<29	<28	81	<29	<28
cis-1,2-Dichloroethene	µg/kg	<30	<30	<28	<31	<29	<28	<31	<29	<28

Soil Sample Location:	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	
Sample Depth (feet bgs):	4 - 6	4 - 6	4 - 6	4 - 6	4 - 6	4 - 6	4 - 6	4 - 6	4 - 6	
Date:	12/20/04	12/20/04	12/20/04	12/20/04	12/20/04	12/20/04	12/20/04	12/20/04	12/20/04	
Photoionization Detector	ppm	0	0	0	0	0	0	0	7	8
<b>TCLP &amp; Detected VOCs</b>										
TCLP Tetrachloroethene	mg/L	1.0	5.7	0.80	0.68	1.6	0.36	<0.020	<0.020	<0.020
Tetrachloroethene	µg/kg	35,000 "J"	131,000 "J"	58,500 "J"	18,000 "J"	56,000 "J"	13,000 "J"	6,820	51,600 "J"	66,200 "J"
Trichloroethene	µg/kg	41	226	143	30	<30	<30	<30	34	118
Benzene	µg/kg	<30	38	<30	<30	<30	<30	<30	<29	<30
cis-1,2-Dichloroethene	µg/kg	<30	<30	60	<30	<30	<30	<30	<29	<30
1,2-Dichloropropane	µg/kg	34	40	<30	<30	31	<30	<30	<29	<30

Soil Sample Location:	Sidewall 1	Sidewall 2	Sidewall 3	Sidewall 4	Sidewall 5	Sidewall 6	Sidewall 7	Sidewall 8	Sidewall 9	Sidewall 10	Sidewall 11	Sidewall 12	Sidewall 13	Sidewall 14		
Sample Depth (feet bgs):	4	4	4	4	4	4	4	8	4	9	4	9	9	9		
Date:	12/15/04	12/15/04	12/15/04	12/15/04	12/15/04	12/15/04	12/16/04	12/16/04	12/16/04	12/16/04	12/17/04	12/17/04	12/17/04	12/20/04	12/29/04	
Photoionization Detector	ppm	0	0	2	0	0	0	0	0	55	0	0	42	3	0	
<b>Detected VOCs</b>																
Tetrachloroethene	µg/kg	< 27	2,000	< 28	< 27	562	< 30	387	562	< 30	353,000	57	1,210	98,800	5,530	30,700
Trichloroethene	µg/kg	<27	<28	<28	<27	<28	<30	<29	<31	<30	601	<30	<27	<298	440	221
1,2-Dichlorobenzene	µg/kg	<27	<28	<28	<27	<28	<30	<29	<31	<30	<29	<30	<27	<298	<28	<31
cis-1,2-Dichloroethene	µg/kg	<27	<28	<28	<27	<28	<30	<29	<31	<30	40	<30	<27	<298	68	49

**Notes:**

1. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)
2. feet bgs = feet below original ground surface
3. "J" = estimated concentration (flagged by analytical laboratory)
4. TP 1 - 3 = Test pit samples collected from outside the treatment area. Base 1 - 4 = Base samples collected from shallow excavation area.
5. Sample 1 - 9 = Soil samples collected from within the treatment area.
6. Sidewall 1 - 14 = Soil samples collected from the sidewall of the remediation areas.

**Table 2B**  
**Post-Treatment Soil Quality Results - TCLP & VOCs**  
**3009 North Humboldt Boulevard, Milwaukee, WI 53212**  
**Sigma Project No. 9056**

Soil Sample Location:		A	B	C	D	E	F
Sample Depth (feet bgs):		4	6	8	8	6	8
Date:		01/12/05	01/12/05	01/12/05	01/12/05	01/12/05	01/12/05
Photoionization Detector	ppm	4.5	4.2	5.0	9.4	2.9	17.0
<b><i>TCLP &amp; Detected VOCs</i></b>							
TCLP Tetrachloroethene	mg/L	NA	NA	NA	NA	NA	NA
Tetrachloroethene	µg/kg	92,100	71,100 "J"	95,500	119,000	65,000	145,000
Trichloroethene	µg/kg	<631	75	38	55	<312	<3,030
Dichlorodifluoromethane	µg/kg	<1,260	150	<64	<62	<625	<6,060
cis-1,2-Dichloroethene	µg/kg	<631	<31	<32	173	<312	<3,030
Methylene Chloride	µg/kg	<1,260	1,500	561	223	<625	<6,060

Soil Sample Location:		H	I	J	K	L	Landfill Acceptance Limits
Sample Depth (feet bgs):		8	8	4	4	6	
Date:		01/12/05	01/12/05	01/12/05	01/12/05	01/12/05	
Photoionization Detector	ppm	6.4	2.4	4.9	3.7	23.2	---
<b><i>TCLP &amp; Detected VOCs</i></b>							
TCLP Tetrachloroethene	mg/L	NA	NA	NA	NA	NA	0.7
Tetrachloroethene	µg/kg	223,000 "J"	124,000 "J"	134,000	119,000	120,000	33,000
Trichloroethene	µg/kg	<620	<310	<611	<620	<3,000	---
Dichlorodifluoromethane	µg/kg	<1,240	<620	<1,220	<1,240	<6,010	---
cis-1,2-Dichloroethene	µg/kg	<620	<310	<611	<620	<3,000	---
Methylene Chloride	µg/kg	<1,240	<620	<1,220	<1,240	<6,010	---

**Notes:**

1. mg/L - milligrams per liter (equivalent to parts per million, ppm)
2. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)
3. feet bgs = feet below soil treatment ground surface, which corresponds to approximately 4 feet below original ground surface grade
4. "J" = estimated concentration (flagged by analytical laboratory)
5. Landfill Acceptance Limits are those established by WDNR in September 8, 2004 letter to City of Milwaukee



**Table 2C**  
**Soil Quality Results - Post-treatment Verification Sampling**  
**3009 North Humboldt Boulevard, Milwaukee, WI 53212**  
**Sigma Project No. 9056**

Soil Sample Location:	SB-1			SB-2			SB-3				SB-4				
Sample Depth (feet bgs):	6-8	8-10	14-16	4-6	8-10	16-18	6-8	10-12	16-18	24-26	4-6	8-10	16-18	24-26	34-36
Date:	5/27/05	5/27/05	5/27/05	5/27/05	5/27/05	5/27/05	5/28/05	5/29/05	5/30/05	5/31/05	5/27/05	5/27/05	5/27/05	5/27/05	5/27/05
<b>Detected VOCs</b>															
Benzene	µg/kg	<29	<30	<27	<600	<29	<31	<600	<590	<28	<27	<600	<600	<27	<27
1,2-Dichlorobenzene	µg/kg	<29	<30	<27	<600	<29	<31	<600	<590	<28	<27	<600	<600	<27	<27
cis-1,2-Dichloroethene	µg/kg	<29	<30	<27	<600	140	<31	<600	<590	<28	<27	<600	<600	<27	<27
Methylene Chloride	µg/kg	170	<60	210	<1,200	320	<62	<1,200	<1,200	<56	<55	<1,200	<1,200	140	<55
Tetrachloroethene	µg/kg	20,000	20,000	<27	99,000	90,000	73	180,000	28,000	<28	210	79,000	72,000	28	170
Tetrachloroethene (TCLP)	mg/L	NA	NA	NA	NA	1.5	NA	NA	NA	NA	NA	NA	1.2	NA	NA
Trichloroethene	µg/kg	140	60	<27	<600	250	<31	<600	<590	<28	<27	<600	<600	<27	<27

Soil Sample Location:	SB-4					SB-5					SB-6			
Sample Depth (feet bgs):	4-6	8-10	16-18	24-26	34-36	4-6	8-10	16-18	24-26	34-36	4-6	8-10	16-18	24-26
Date:	5/27/05	5/27/05	5/27/05	5/27/05	5/27/05	5/27/05	5/27/05	5/27/05	5/27/05	5/27/05	5/27/05	5/27/05	5/27/05	5/27/05
<b>Detected VOCs</b>														
Benzene	µg/kg	<600	<600	<27	<27	<27	<300	<150	<28	<27	<27	<27	<600	<150
1,2-Dichlorobenzene	µg/kg	<600	<600	<27	<27	<27	<300	<150	<28	<27	<27	<27	<600	<150
cis-1,2-Dichloroethene	µg/kg	<600	<600	<27	<27	<27	<300	<150	<28	<27	<27	<27	<600	<150
Methylene Chloride	µg/kg	<1,200	<1,200	140	<55	<54	<600	<290	69	110	940	<1,200	<300	<55
Tetrachloroethene	µg/kg	79,000	72,000	28	170	31	75,000	22,000	68	110	410	93,000	29,000	<27
Tetrachloroethene (TCLP)	mg/L	NA	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/kg	<600	<600	<27	<27	<27	310	<150	<28	<27	<27	<27	<600	<150

Soil Sample Location:	SB-7				SB-8				SB-9			SB-10			
Sample Depth (feet bgs):	4-6	8-10	16-18	24-26	4-6	8-10	16-18	24-26	6-8	8-10	14-16	4-6	8-10	16-18	24-26
Date:	5/27/05	5/27/05	5/27/05	5/27/05	5/27/05	5/27/05	5/27/05	5/27/05	5/27/05	5/27/05	5/27/05	5/27/05	5/27/05	5/27/05	5/27/05
<b>Detected VOCs</b>															
Benzene	µg/kg	<590	<590	<27	<27	<600	1,300	<27	<27	34	<27	<30	<30	<540	<28
1,2-Dichlorobenzene	µg/kg	<590	<590	<27	<27	<600	<540	<27	<27	36	<27	<30	<30	<540	<28
cis-1,2-Dichloroethene	µg/kg	<590	<590	<27	<27	<600	<540	<27	<27	560	<27	<30	<30	<540	<28
Methylene Chloride	µg/kg	<1,200	<1,200	79	<54	<1,200	<1,100	<54	<54	<60	<54	71	<60	<1,100	<56
Tetrachloroethene	µg/kg	73,000	19,000	350	71	91,000	240,000	460	84	80,000	86,000	<30	63,000	160,000	530
Tetrachloroethene (TCLP)	mg/L	NA	0.32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/kg	1,600	<590	<27	<27	<600	<540	<27	<27	1,100	520	<30	61	<540	<28

Soil Sample Location:	SB-13			SB-14			NR 720	NR 746	NR 746
Sample Depth (feet bgs):	6-8	10-12	14-16	6-8	10-12	14-16	RCL	Table 1	Table 2
Date:	5/27/05	5/27/05	5/27/05	5/27/05	5/27/05	5/27/05		SSL	SSL
<b>Detected VOCs</b>									
Benzene	µg/kg	<590	<29	<28	<590	<29	<29	5.5	8,500
1,2-Dichlorobenzene	µg/kg	<590	<29	<28	<590	<29	<29	NS	NS
cis-1,2-Dichloroethene	µg/kg	<590	<29	<28	<590	<29	<29	NS	NS
Methylene Chloride	µg/kg	<1,200	<58	<55	<1,200	<59	370	NS	NS
Tetrachloroethene	µg/kg	120,000	35,000	<55	60,000	48,000	13,000	NS	NS
Tetrachloroethene (TCLP)	mg/L	2.3	NA	NA	NA	NA	NA	NS	NS
Trichloroethene	µg/kg	<590	<29	<28	<590	140	110	NS	NS

- Notes:
1. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)
  2. mg/L = milligrams per liter
  3. feet bgs = feet below original ground surface
  4. "J" = estimated concentration (flagged by analytical laboratory)
  5. NA = Not Analyzed
  6. NS = No Standard

**Table 2D**  
**Soil Quality Results - Off-Site Geoprobe Borings**  
**3009 North Humboldt Boulevard, Milwaukee, WI 53212**  
**Sigma Project No. 9056**

Soil Sample Location:		OSGP-1		GP-1		GP-2	
Sample Depth (feet bgs):		4-6	8-10	4-6	8-10	4-6	8-10
Date:		02/16/05	02/16/05	05/24/05	05/24/05	05/24/05	05/24/05
<i>Detected VOCs</i>							
Benzene	µg/kg	< 30	< 25	< 30	< 30	< 28	< 28
1,2-Dichlorobenzene	µg/kg	< 30	< 25	< 30	< 30	< 28	< 28
cis-1,2-Dichloroethene	µg/kg	< 30	< 25	< 30	< 30	< 28	< 28
Methylene Chloride	µg/kg	< 60	< 50	< 60	< 61	< 56	< 57
Tetrachloroethene	µg/kg	< 30	< 25	< 30	< 30	<b>110</b>	<b>56</b>
Trichloroethene	µg/kg	< 30	< 25	< 30	< 30	< 28	< 28

Table 3  
Groundwater Quality Results  
3009 North Humboldt Avenue  
Sigma Project No. 9056

Well Location:	MW-1												MW-1R					MW-2					MW-2R					MW-3					NR 140	NR 140			
	Analytes	Date:	6/27/03	10/7/03	7/23/04	5/31/05	6/12/07	9/6/07	1/24/08	7/22/08	11/10/08	3/2/09	9/1/09	6/27/03	10/7/03	7/23/04	6/12/07	9/6/07	1/24/08	7/22/08	11/10/08	3/3/09	9/1/09	6/27/03	10/7/03	7/23/04	5/31/05	6/12/07	9/6/07	1/24/08	7/22/08	11/10/08			3/2/09	9/1/09	ES
<b>PVOCs &amp; Detected VOCs</b>																																					
Benzene	µg/L	<0.27	<0.27	<0.27	<0.20	<0.47	<0.47	<0.47	<0.20	<0.20	<0.20	NA	<5.4	<0.27	<b>0.86</b>	<23.5	<23.5	<47	<20	<20	<25	<32	<0.27	<0.27	<0.27	0.21 J	<0.47	<0.47	<0.47	<0.20	<0.20	<0.20	NA	5	0.5		
Chloromethane	µg/L	<1	<1	<1	<1	<1	<1	<1	<0.30	<0.30	<0.30	NA	<1	<1	<1	<50	<50	<100	<30	<30	<38	<48	<1	<1	<1	<1	<1	<1	<1	<0.30	<0.30	<0.30	NA	3	0.3		
cis-1,2-Dichloroethene	µg/L	<0.27	<0.27	<0.27	<0.50	<0.68	<0.68	<0.68	<0.50	<0.50	<0.50	NA	<5.4	<0.27	4.3	<34	<b>820</b>	<b>9,400</b>	<b>8,600</b>	<b>9,800</b>	<b>11,000</b>	<b>11,000</b>	<0.27	<0.27	0.38 J	0.54 J	1.3 *J	1.09 *J	0.82 J	1.3 J	0.84 J	<0.50	NA	70	7		
trans-1,2-Dichloroethene	µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	<0.50	<0.50	<50	<50	<50	<50	<50	120 J	93	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	100	20	
Tetrachloroethene	µg/L	<0.31	<0.31	<b>1.1</b>	<b>10</b>	<b>2.63</b>	<b>4.3</b>	<b>1.35 J</b>	<b>2.3</b>	<b>0.61 J</b>	<b>0.83 J</b>	NA	<b>2,440</b>	<b>4,020</b>	<b>28,100</b>	<b>790</b>	<b>180</b>	<52	<50	<50	<62	<80	<0.31	<0.31	<b>19</b>	<b>1.4 J</b>	<b>2.94</b>	<b>1.6</b>	<b>1.61</b>	<b>1.0 J</b>	<0.50	<0.50	NA	5	0.5		
Trichloroethene	µg/L	<0.34	<0.34	<0.34	<b>0.74</b>	<0.44	<0.44	<0.44	<0.20	0.29 J	<0.20	NA	<6.8	<b>5.2</b>	<b>23</b>	<b>780</b>	<b>5,200</b>	<b>197</b>	<b>420</b>	<b>370</b>	<b>200</b>	<b>320</b>	<0.34	<0.34	<0.34	<b>0.81</b>	<b>1.41</b>	<b>0.83 *J</b>	<b>0.97 J</b>	<b>1.0</b>	0.42 J	0.43 J	NA	5	0.5		
Vinyl Chloride	µg/L	<0.27	<0.27	<0.27	<0.50	<0.47	<0.47	<0.47	<0.20	<0.20	<0.20	NA	<5.4	<0.27	<0.27	<23.5	<23.5	<47	<20	<20	<25	<32	<0.27	<0.27	<0.27	<0.20	<0.47	<0.47	<0.47	<0.20	<0.20	<0.20	NA	0.2	0.02		
<b>Dissolved Metals</b>																																					
Arsenic	µg/L	NA	NA	NA	NA	NA	0.9 *J	<b>1.1</b>	<b>3.4</b>	0.79	NA	NA	NA	NA	NA	<b>12</b>	<b>24</b>	<b>39</b>	<b>35</b>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10	1	
Barium	µg/L	NA	NA	NA	NA	NA	94	91	110	67	NA	NA	NA	NA	NA	NA	147	140	98	120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2,000	400	
Chromium	µg/L	NA	NA	NA	NA	NA	<0.8	1.7	0.40	0.26 J	NA	NA	NA	NA	NA	NA	<0.8	13	9.4	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100	10	
Chromium (hexavalent)	µg/L	NA	NA	NA	NA	NA	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100	10	
<b>Natural Attenuation Parameters</b>																																					
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	0.41	0.22	2.5	<0.10	<0.10	<15	<0.10	NA	NA	NA	<0.03	0.07 *J	<0.1	0.10 J	<0.1	<0.15	<0.10	NA	NA	NA	NA	NA	0.05 *J	<0.03	0.13 J	<0.10	<0.10	<0.15	<0.10	10	2	
Sulfate	mg/L	NA	NA	NA	NA	86	58	98	70	23	69	31	NA	NA	NA	NA	990	1,050	1,100	900	1,400	1,200	NA	NA	NA	NA	NA	NA	85	73	89	90	50	32	42		
Chlorides	mg/L	NA	NA	NA	NA	110	180	362	180	130	10,000	220	NA	NA	NA	NA	320	403	530	650	480	440	NA	NA	NA	NA	NA	110	130	144	150	160	110	160			
Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	220	NA	NA	NA	NA	NA	NA	NA	NA	3,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	210	NA		
Total Organic Carbon	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.79	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.2	NA				
Dissolved Manganese	µg/L	NA	NA	NA	NA	9.1 *J	750	87	690	200	840	330	NA	NA	NA	NA	580	430	280	230	190	150	95	NA	NA	NA	NA	99	51	430	500	450	120	600			
<b>Dissolved Gasses</b>																																					
Ethane	µg/L	NA	NA	NA	NA	<0.025	0.035	NA	0.027	NA	0.016 J	NA	NA	NA	NA	0.3	0.51	NA	0.71	NA	0.650	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.025	<0.025	NA	<0.025	NA	0.018 J	NA
Ethene	µg/L	NA	NA	NA	NA	<0.025	0.061	NA	0.087	NA	0.030	NA	NA	NA	NA	0.5	1.1	NA	1.5	NA	0.970	NA	NA	NA	NA	NA	NA	NA	NA	<0.025	<0.025	NA	0.026	NA	0.042	NA	
Methane	µg/L	NA	NA	NA	NA	11	3.9	NA	8.400	NA	0.800	NA	NA	NA	NA	24	69	NA	150	NA	68	NA	NA	NA	NA	NA	NA	NA	NA	3.1	4.5	NA	21	NA	3.1	NA	
<b>In-Situ Parameters</b>																																					
Dissolved Oxygen	mg/L	NA	NA	NA	NA	0.35	0.2	0.37	0.38	0.35	0.37	0.32	NA	NA	NA	0.11	0.18	0.13	0.17	0.18	0.16	0.19	NA	NA	NA	NA	NA	0.16	0.28	0.17	0.20	0.22	0.29	0.21			
pH	S.U.	NA	NA	NA	NA	7	7	7	7	7	7	7	NA	NA	NA	7	7	7	8	8	8	8	NA	NA	NA	NA	NA	7	7	7	7	7	7	7			
Redox	(mV)	NA	NA	NA	NA	141	249	126	44	36	194	83	NA	NA	NA	-12	-51	-16	-268	-198	-260	-223	NA	NA	NA	NA	NA	127	289	113	52	55	199	82			
Temperature	(°C)	NA	NA	NA	NA	10.4	18.2	9.7	13.3	13	10.6	13	NA	NA	NA	10.8	13.7	9.9	13.7	13.4	10.6	13.5	NA	NA	NA	NA	NA	9.9	14.7	8.9	13.1	12.8	11.2	12.9			
Ferrous Iron	(mg/L)	NA	NA	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	2.0	3.0	2.0	1.8	1.6	1.6	0.0	NA	NA	NA	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

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  
5. µg/L = micrograms per liter (equivalent to parts per billion, ppb)  
8. \*J = Estimated value. Analyte detected at a level less than the reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.  
9. Blank results: 5/31/05 - All VOCs reported below laboratory detection limits.  
11. Exceedances: **bold, box** = Concentration exceeds NR 140 ES  
**bold, italics** = Concentration exceeds NR 140 PAL

Table 3  
Groundwater Quality Results  
3009 North Humboldt Boulevard  
Sigma Project No. 9056

Well Location:		MW-4										MW-5										MW-7										MW-7R										NR 140	NR 140
Analytes	Date:	6/27/03	10/7/03	7/23/04	5/31/05	6/12/07	9/6/07	1/24/08	7/22/08	10/7/03	7/23/04	5/31/05	6/12/07	9/6/07	1/24/08	7/22/08	11/10/08	3/2/09	9/1/09	9/13/04	6/12/07	9/6/07	1/24/08	7/22/08	11/10/08	3/2/09	9/1/09	ES	PAL														
<b>PVOCs &amp; Detected VOCs</b>																																											
Benzene	µg/L	<0.27	<0.27	<0.27	<0.20	<0.47	<0.47	<0.47	<0.20	<0.27	<0.27	<0.20	<0.47	<0.47	<0.47	<0.20	<0.20	<0.20	<0.20	<0.29	<0.47	<0.47	<0.47	<0.20	<0.20	<0.20	<0.20	NA	5	0.5													
Chloromethane	µg/L	<1	<1	<1	<1	<1	<1	<1	<0.30	<1	<1	<1	<1	<1	<1	<0.30	<0.30	<0.30	<1.0	<1	<1	<b>2.27 *J*</b>	<1	<0.30	<0.30	<0.30	NA	3	0.3														
cis-1,2-Dichloroethene	µg/L	<0.27	<0.27	0.77 J	<0.50	<0.68	<0.68	<0.68	0.75 J	<0.27	<0.27	<0.50	<0.68	<0.68	<0.68	2.8	<0.50	1.0 J	2.4	<0.29	<0.68	<0.68	<0.68	<0.50	0.91 J	0.59 J	NA	70	7														
trans-1,2-Dichloroethene	µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	100	20														
Tetrachloroethene	µg/L	<0.31	<0.31	3.9	<0.50	<b>0.90 *J*</b>	<b>0.72 *J*</b>	<0.52	<b>0.78 J</b>	<0.31	<b>64</b>	<b>33</b>	<b>60</b>	<b>44</b>	<b>138</b>	<b>99</b>	<b>120</b>	<b>61</b>	<b>61</b>	<0.70	<b>9.9</b>	<b>44</b>	<b>54</b>	<b>94</b>	<b>33</b>	<b>50</b>	NA	5	0.5														
Trichloroethene	µg/L	<0.34	<0.34	<0.34	<0.20	<0.44	<0.44	<0.44	<b>0.63 J</b>	<0.34	<b>0.54 J</b>	0.39	<b>2.12</b>	<b>2.08</b>	<b>1.86</b>	<b>2.3</b>	<b>1.6</b>	<b>0.81</b>	<b>3</b>	<0.27	<b>0.53 *J*</b>	<0.44	<b>0.92 J</b>	<b>0.97</b>	<b>1.9</b>	<b>1.1</b>	NA	5	0.5														
Vinyl Chloride	µg/L	<0.27	<0.27	<0.27	<0.20	<0.47	<0.47	<0.47	<0.20	<0.27	<0.27	<0.20	<0.47	<0.47	<0.47	<0.20	<0.20	<0.20	<0.20	<0.29	<0.47	<0.47	<0.47	<0.20	<0.20	<0.20	NA	0.2	0.02														
<b>Dissolved Metals</b>																																											
Arsenic	µg/L	NA	NA	NA	NA	NA	1.4 *J*	1.5	2.7	NA	NA	NA	NA	<0.6	NA	NA	NA	NA	NA	NA	NA	<0.6	NA	NA	NA	NA	NA	10	1														
Barium	µg/L	NA	NA	NA	NA	NA	85	110	150	NA	NA	NA	NA	100	NA	NA	NA	NA	NA	NA	NA	54	NA	NA	NA	NA	NA	2,000	400														
Chromium	µg/L	NA	NA	NA	NA	NA	<0.8	1.8	0.89	NA	NA	NA	NA	<0.8	NA	NA	NA	NA	NA	NA	NA	<0.8	NA	NA	NA	NA	NA	100	10														
Chromium (hexavalent)	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100	10														
<b>Natural Attenuation Parameters</b>																																											
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	0.25	0.04 *J*	0.24 J	<0.10	NA	NA	NA	3.9	1.1	0.23 J	0.31 J	<0.10	<0.15	<0.10	NA	1.5	1.6	2.1	0.89	<0.10	2.6	0.42	10	2														
Sulfate	mg/L	NA	NA	NA	NA	230	230	189	100	NA	NA	NA	170	180	124	55	110	93	70	NA	89	82	97	84	65	64	54																
Chlorides	mg/L	NA	NA	NA	NA	130	100	278	290	NA	NA	NA	510	420	481	530	600	280	1,100	NA	69	81	150	180	280	340	320																
Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	660	NA	NA	NA	NA	NA	NA	NA	370	NA																
Total Organic Carbon	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.8	NA	NA	NA	NA	NA	NA	NA	9.67	NA																
Dissolved Manganese	µg/L	NA	NA	NA	NA	24	78	64	1900	NA	NA	NA	310	320	68	NA	420	180	480	NA	86	15 *J*	<2.7	40	17	13	22																
<b>Dissolved Gasses</b>																																											
Ethane	µg/L	NA	NA	NA	NA	<0.025	<0.025	NA	0.067	NA	NA	NA	0.035	0.029	NA	0.029	NA	0.014 J	NA	NA	0.046	0.038	NA	<0.025	NA	0.039	NA																
Ethene	µg/L	NA	NA	NA	NA	<0.025	<0.025	NA	0.034	NA	NA	NA	0.048	0.055	NA	0.075	NA	0.094	NA	NA	0.110	0.090	NA	0.041	NA	0.026	NA																
Methane	µg/L	NA	NA	NA	NA	16	18	NA	480	NA	NA	NA	20	1.1	NA	42	NA	24	NA	NA	1.6	0.8	NA	0.720	NA	0.290	NA																
<b>In-Situ Parameters</b>																																											
Dissolved Oxygen	mg/L	NA	NA	NA	NA	2.47	0.37	2.2	2.29	NA	NA	NA	0.12	0.16	0.17	0.19	0.22	0.33	0.17	NA	6.28	0.95	4.3	2.0	1.82	0.44	1.90																
pH	S.U.	NA	NA	NA	NA	7	7	7	7	NA	NA	NA	7	7	7	7	7	7	7	NA	7	7	7	7	7	7	7																
Redox	(mV)	NA	NA	NA	NA	115	268	101	61	NA	NA	NA	163	218	126	57	61	181	100	NA	150	220	168	38	39	179	79																
Temperature	(°C)	NA	NA	NA	NA	10.6	15.3	9	14.7	NA	NA	NA	10.5	15	9.2	13.5	13.3	10	13.4	NA	11.3	15.7	10.1	15.1	14.6	10.7	14.9																
Ferrous Iron	(mg/L)	NA	NA	NA	NA	0.0	0.0	0.0	0.0	NA	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0																
Notes:																																											
2. NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard																																											
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5. µg/L = micrograms per liter (equivalent to parts per billion, ppb)																																											
8. *J* = Estimated value. Analyte detected at a level less than the reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.																																											
9. Blank results: 5/31/05 - All VOCs reported below laboratory detection limits.																																											
11. Exceedances: <b>bold, box</b> = Concentration exceeds NR 140 ES																																											
<b>bold, italics</b> = Concentration exceeds NR 140 PAL																																											

Table 3 Groundwater Quality Results 3009 North Humboldt Boulevard Sigma Project #9056																												
Analytes	Well Location: Date:	MW-8								MW-9								PZ-1								NR 140 ES	NR 140 PAL	
		9/13/04	6/12/07	9/6/07	1/24/08	7/22/08	11/10/08	3/2/09	9/1/09	6/12/07	9/6/07	1/24/08	7/22/08	11/10/08	3/2/09	9/1/09	9/13/04	6/21/07	9/6/07	1/24/08	7/22/08	1/24/08	11/10/08	3/2/09				
<b>PVOCs &amp; Detected VOCs</b>																												
Benzene	µg/L	<0.29	<0.47	<0.47	<0.47	<0.40	<0.20	<0.20	NA	<0.47	<0.47	<0.47	<0.20	<0.20	<0.20	0.35 J	DRY	DRY	NA	DRY	DRY	DRY	DRY	DRY	DRY	5	0.5	
Chloromethane	µg/L	<1	<1	<1	<1	<0.60	<0.30	<0.30	NA	<1	<1	<1	<0.30	<0.30	<0.30	<1	DRY	DRY	NA	DRY	DRY	DRY	DRY	DRY	DRY	3	0.3	
cis-1,2-Dichloroethene	µg/L	<0.29	<0.68	<0.68	<0.68	<1.0	1.5 J	<0.50	NA	1.63 *J	2.77	2.18 J	3.5	2.8	3.9	33	<0.29	DRY	DRY	NA	DRY	DRY	DRY	DRY	DRY	70	7	
trans-1,2-Dichloroethene	µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	DRY	DRY	NA	DRY	DRY	DRY	DRY	DRY	100	20	
Tetrachloroethene	µg/L	<0.70	57	45	36	19	30	41	NA	95	85	28.6	37	190	29	61	<0.70	DRY	DRY	NA	DRY	DRY	DRY	DRY	DRY	5	0.5	
Trichloroethene	µg/L	<0.27	<0.44	<0.44	<0.44	<0.40	2.7	0.44 J	NA	1.66	2.48	1.7	2.8	5.2	2.3	73	<0.27	DRY	DRY	NA	DRY	DRY	DRY	DRY	DRY	5	0.5	
Vinyl Chloride	µg/L	<0.29	<0.47	<0.47	<0.47	<0.40	<0.20	<0.20	NA	<0.47	<0.47	<0.47	<0.20	<0.20	<0.20	<0.20	<0.27	DRY	DRY	NA	DRY	DRY	DRY	DRY	DRY	0.2	0.02	
<b>Dissolved Metals</b>																												
Arsenic	µg/L	NA	NA	15	3.0	5.4	5.0	NA	NA	NA	17	8.5	5.5	NA	NA	NA	NA	DRY	DRY	NA	DRY	DRY	DRY	DRY	DRY	10	1	
Barium	µg/L	NA	NA	28	93	68	61	NA	NA	NA	<10	6.3	30	NA	NA	NA	NA	DRY	DRY	NA	DRY	DRY	DRY	DRY	DRY	2,000	400	
Chromium	µg/L	NA	NA	14	5.0	7.8	1.9	NA	NA	NA	19	16	2.4	NA	NA	NA	NA	DRY	DRY	NA	DRY	DRY	DRY	DRY	DRY	100	10	
Chromium (hexavalent)	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.0	<2.0	NA	NA	NA	NA	NA	DRY	DRY	NA	DRY	DRY	DRY	DRY	DRY	100	10	
<b>Natural Attenuation Parameters</b>																												
Nitrate/Nitrite	mg/L	NA	8.2	6.7	8.4	4.2	<0.10	7.4	<0.10	6.7	3.0	4.8	2.0	<0.10	5.2	<0.10	NA	DRY	DRY	NA	DRY	DRY	DRY	DRY	DRY	10	2	
Sulfate	mg/L	NA	60	71	95	120	56	77	50	54	54	77	94	100	74	72	NA	DRY	DRY	NA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Chlorides	mg/L	NA	420	260	175	230	280	940	650	510	350	487	190	340	1,800	1,400	NA	DRY	DRY	NA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	220	NA	NA	DRY	DRY	NA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Total Organic Carbon	mg/L	NA	NA	NA	NA	NA	NA	22.3	NA	NA	NA	NA	NA	NA	16.4	NA	NA	DRY	DRY	NA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Dissolved Manganese	µg/L	NA	9.3	11 *J	24	26	87	11	48	6.1 *J	19	<2.7	18	NA	24	NA	NA	DRY	DRY	NA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
<b>Dissolved Gasses</b>																												
Ethane	µg/L	NA	<0.025	0.031	NA	<0.025	NA	0.032	NA	0.054	0.027	NA	0.027	NA	0.061	NA	NA	DRY	DRY	NA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Ethene	µg/L	NA	0.034	0.060	NA	0.053	NA	0.040	NA	0.11	0.12	NA	0.064	NA	0.031	NA	NA	DRY	DRY	NA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Methane	µg/L	NA	0.83	1.3	NA	0.710	NA	0.190	NA	16	9.2	NA	8.5	NA	0.780	NA	NA	DRY	DRY	NA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
<b>In-Situ Parameters</b>																												
Dissolved Oxygen	mg/L	NA	4.18	0.19	3.66	0.35	0.37	0.32	0.39	0.24	0.18	0.29	0.56	0.60	0.56	0.49	NA	DRY	DRY	NA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
pH	S.U.	NA	7	7	7	7	7	7	7	11	11.5	10	8.0	8.0	7.0	7.0	NA	DRY	DRY	NA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Redox	(mV)	NA	144	211	156	39	40	197	68	44	157	51	55	55	183	NA	NA	DRY	DRY	NA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Temperature	(°C)	NA	10.9	15.6	9.7	13.1	12.9	10.9	12.9	12.0	16.5	10.9	16.3	15.4	10.8	15.9	NA	DRY	DRY	NA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Ferrous Iron	(mg/L)	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	DRY	DRY	NA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY

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  
5. µg/L = micrograms per liter (equivalent to parts per billion, ppb)  
8. \*J = Estimated value. Analyte detected at a level less than the reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.  
9. Blank results: 5/31/05 - All VOCs reported below laboratory detection limits.  
11. Exceedances: **bold, box** = Concentration exceeds NR 140 ES  
**bold, italics** = Concentration exceeds NR 140 PAL

Table 3  
Groundwater Quality Results  
3009 North Humboldt Boulevard  
Sigma Project #9056

Well Location:	PZ-2										PZ-5										PZ-7										PZ-8										NR 140	ES	NR 140	PAL
	Analytes	Date:	6/12/07	10/3/07	1/24/08	7/22/08	11/10/08	3/2/09	9/1/09	5/31/05	6/12/07	9/6/07	1/24/08	7/22/08	11/10/08	3/2/09	9/1/09	5/31/05	6/12/07	9/6/07	1/24/08	7/22/08	11/10/08	3/2/09	9/13/04	5/31/05	6/12/07	9/6/07	1/24/08	7/22/08	11/10/08	3/2/09												
<b>PVOCs &amp; Detected VOCs</b>																																												
Benzene	µg/L	<0.47	<0.47	<0.47	<0.40	<0.40	<0.20	<0.20	DRY	DRY	DRY	<0.47	<0.20	<0.20	<0.20	NA	<0.20	<0.47	<0.47	<0.20	<0.20	NA	<0.29	<0.20	<0.47	<0.47	<0.20	<0.20	<0.20	NA	5	0.5												
Chloromethane	µg/L	<1	<1	<1	<0.60	<0.60	<0.30	<0.30	DRY	DRY	DRY	<1	<0.30	<0.30	<0.30	NA	<1	<1	<1	<0.30	<0.30	NA	<1	<1	<1	<1	<0.30	<0.30	<0.30	NA	3	0.3												
cis-1,2-Dichloroethene	µg/L	<0.68	2.7	<0.68	<1.0	<1.0	2.7	0.82 J	DRY	DRY	DRY	<0.68	<0.50	<0.50	<0.50	NA	<0.50	<0.68	<0.68	<0.68	<0.50	<0.50	NA	<0.29	<0.50	<0.68	<0.68	<0.68	<0.50	<0.50	NA	70	7											
trans-1,2-Dichloroethene	µg/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	DRY	DRY	DRY	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA													
Tetrachloroethene	µg/L	<b>1.52 "J"</b>	<b>0.70 "J"</b>	<b>1.01 J</b>	<1.0	<1.0	<0.50	<b>0.7 J</b>	DRY	DRY	DRY	<b>1.94</b>	<b>1.3 J</b>	<b>1.7</b>	<b>1.6 J</b>	NA	<0.50	<0.52	<0.52	<0.52	<b>0.69 J</b>	<0.50	NA	<0.70	<0.50	<0.52	<0.52	<0.52	<0.50	<0.50	NA	5	0.5											
Trichloroethene	µg/L	<b>0.60 "J"</b>	<b>4.4</b>	<b>0.58 J</b>	<b>0.68</b>	<b>0.52 J</b>	0.41 J	0.39 J	DRY	DRY	DRY	<0.44	<0.20	<0.20	0.43 J	NA	<0.50	<0.44	<0.44	<0.44	<0.20	<0.20	NA	<0.27	<0.20	<0.44	<0.44	<0.44	<0.20	<0.20	NA	5	0.5											
Vinyl Chloride	µg/L	<0.47	<0.47	<0.47	<0.40	<0.40	<0.20	<0.20	DRY	DRY	DRY	<0.47	<0.20	<0.20	<0.20	NA	<0.20	<0.47	<0.47	<0.47	<0.20	<0.20	NA	<0.29	<0.20	<0.47	<0.47	<0.47	<0.20	<0.20	NA	0.2	0.02											
<b>Dissolved Metals</b>																																												
Arsenic	µg/L	NA	NA	NA	NA	NA	NA	NA	DRY	DRY	DRY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10	1											
Barium	µg/L	NA	NA	NA	NA	NA	NA	NA	DRY	DRY	DRY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2,000	400											
Chromium	µg/L	NA	NA	NA	NA	NA	NA	NA	DRY	DRY	DRY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100	10											
Chromium (hexavalent)	µg/L	NA	NA	NA	NA	NA	NA	NA	DRY	DRY	DRY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100	10											
<b>Natural Attenuation Parameters</b>																																												
Nitrate/Nitrite	mg/L	<0.03	NA	0.38	<0.10	<0.10	NA	NA	DRY	DRY	DRY	0.20 J	0.19 J	<0.10	<0.15	<0.10	NA	NA	NA	NA	<0.10	<0.10	NA	NA	NA	0.05 "J"	<0.03	<0.1	<0.10	<0.10	NA	10	2											
Sulfate	mg/L	240	NA	86	190	190	NA	NA	DRY	DRY	DRY	272	270	250	290	320	NA	NA	NA	NA	250	240	NA	NA	NA	120	120	113	120	110	NA													
Chlorides	mg/L	130	NA	102	100	130	NA	NA	DRY	DRY	DRY	84	130	85	89	88	NA	NA	NA	NA	290	340	NA	NA	NA	110	110	128	170	190	NA													
Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	DRY	DRY	DRY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
Total Organic Carbon	mg/L	NA	NA	NA	NA	NA	NA	NA	DRY	DRY	DRY	NA	NA	NA	2.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA													
Dissolved Manganese	µg/L	95	NA	61	42	NA	NA	NA	DRY	DRY	DRY	NA	NA	18	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	210	190	180	180	140	NA													
<b>Dissolved Gasses</b>																																												
Ethane	µg/L	0.6	NA	NA	0.150	NA	NA	NA	DRY	DRY	DRY	NA	0.051	NA	0.011 J	NA	NA	<0.025	NA	NA	<0.025	NA	NA	NA	NA	NA	<0.025	<0.025	NA	<0.025	NA	NA												
Ethene	µg/L	0.91	NA	NA	6.7	NA	NA	NA	DRY	DRY	DRY	NA	0.052	NA	0.025 J	NA	NA	<0.025	NA	NA	<0.025	NA	NA	NA	NA	NA	<0.025	<0.025	NA	<0.025	NA	NA												
Methane	µg/L	14	NA	NA	19.0	NA	NA	NA	DRY	DRY	DRY	NA	0.18	NA	0.18	NA	NA	0.52	NA	NA	0.15	NA	NA	NA	NA	NA	26	37	NA	39	NA	NA												
<b>In-Situ Parameters</b>																																												
Dissolved Oxygen	mg/L	0.8	0.18	0.91	0.77	0.65	0.69	0.60	NA	NA	NA	0.72	0.42	0.43	0.87	0.41	NA	0.17	NA	0.18	0.20	0.22	NA	NA	NA	0.14	0.2	0.19	0.40	0.45	NA													
pH	S.U.	7	NA	7	7	7	7	7	NA	NA	NA	7	7	7	7	7	NA	NA	NA	NA	7	7	NA	NA	NA	7	7	7	7	7	NA													
Redox	(mV)	-284	NA	-186	-32	-38	-14	NA	NA	NA	NA	65	NA	NA	157	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	150	199	136	36	42	NA													
Temperature	(°C)	10.5	13.7	9.3	12.9	12.6	14	NA	NA	NA	NA	11.6	11.4	10.6	11.4	NA	NA	10.9	NA	NA	9.6	11.8	NA	NA	NA	10.9	13.4	9.6	11.7	12.6	NA													
Ferrous Iron	(mg/L)	NA	NA	NA	1.6	1.2	1.2	NA	NA	NA	NA	0.0	NA	NA	0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0	0.0	0.0	0.0	0.0	NA												

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  
5. µg/L = micrograms per liter (equivalent to parts per billion, ppb)  
8. "J" = Estimated value. Analyte detected at a level less than the reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.  
9. Blank results: 5/31/05 - All VOCs reported below laboratory detection limits.  
11. Exceedances: **bold, box** = Concentration exceeds NR 140 ES  
**bold, italics** = Concentration exceeds NR 140 PAL

**Table 1**  
**Static Groundwater Elevations**  
**3009 North Humboldt Avenue**  
**Sigma Project No. 9056**

Well ID	Date	Ground Surface Elevation (feet benchmark)	Top of Casing Elevation (feet benchmark)	Depth to Groundwater (feet from toc)	Depth of Well (feet from toc)	Elevation (feet benchmark)	Comments				
MW-1	6/27/03		102.59	8.60	14.40	93.99					
	8/8/03			9.92		92.67					
	10/7/03			12.95		89.64					
	7/23/04			7.04		95.55					
	9/13/04			9.90		92.69					
	5/31/05			10.87		91.72					
	6/12/07			6.61		95.98					
	9/6/07			7.22		95.37					
	1/24/08			5.55		95.05					
	7/22/08			5.30		95.30					
MW-1R	11/0/08	101.07	100.60	6.05	13.65	94.55	Well resurveyed following post-construction top of casing adjustment				
	3/2/09			5.29		95.31					
	9/1/09			5.96		94.64					
	6/27/03					104.87		12.39		92.48	
	8/8/03							13.31		91.56	
	10/7/03							15.05		89.82	
	7/23/04							10.98		93.89	
	9/13/04							13.02		91.85	
	6/12/07							9.93		94.94	
	9/6/07							10.08		94.79	
10/3/07	10.79	94.08									
1/24/08	7.85	93.91									
7/22/08	7.10	94.66									
MW-2R	11/10/08	102.09	104.60	8.74	21.33	93.02	Well resurveyed following post-construction top of casing adjustment				
	3/3/09			7.50		94.26					
	9/1/09			8.60		93.16					
	6/27/03					106.14		7.58	22.30	98.56	
	8/8/03							8.27		97.87	
	10/7/03							9.45		96.69	
	7/23/04							10.15		95.99	
	9/13/04							7.81		98.33	
	5/13/05							7.03		99.11	
	6/12/07							6.30		99.84	
9/6/07	6.75	99.39									
1/24/08	3.70	99.13									
7/22/08	2.27	100.56									
MW-3	11/10/08	103.40	102.83	3.90	18.55	98.93	Well resurveyed following post-construction top of casing adjustment				
	3/2/09			2.82		100.01					
	9/1/09			3.80		99.03					
	6/27/03					104.94		11.41	22.60	93.53	
	8/8/03							12.20		92.74	
	10/7/03							13.51		91.43	
	7/23/04							8.23		96.71	
	9/13/04							12.29		92.65	
	5/31/05							11.68		93.26	
	6/12/07							10.37		94.57	
9/6/07	10.69	94.25									
1/24/08	7.33	94.68									
7/22/08	6.23	95.78									
MW-4	11/10/08	102.66	102.01	NM	19.30		Well resurveyed following post-construction top of casing adjustment				
	3/2/09			NM							
	9/1/09			NM							
	10/7/03					102.94		13.57	21.90	89.37	
	7/23/04							11.28		91.66	
	9/13/04							11.64		91.30	
	5/31/05							10.44		92.50	
	6/12/07							8.69		94.25	
	9/6/07							8.24		94.52	
	1/24/08							6.36		93.96	
7/22/08	5.38	94.94									
11/10/08	7.85	92.47									
3/2/09	4.50	95.82									
MW-5	9/1/09	100.64	100.32	7.87	17.35	92.45	Well resurveyed following post-construction top of casing adjustment				

Notes:  
2. feet benchmark = feet above/below the site-specific benchmark  
3. feet from toc = feet below top of casing  
4. feet bgs = feet below ground surface

**Table 1  
Static Groundwater Elevations  
3009 North Humboldt Avenue  
Sigma Project No. 9056**

Well ID	Date	Ground Surface Elevation (feet benchmark)	Top of Casing Elevation (feet benchmark)	Depth to Groundwater (feet from toc)	Depth of Well (feet from toc)	Groundwater Elevation (feet benchmark)	Comments
MW-7 MW-7R	9/13/04		102.50	8.04		94.46	Well resurveyed following post-construction top of casing adjustment
	6/12/07	102.75	105.28	8.24	16.95	97.04	
	9/6/07			8.18		97.10	
	1/24/08	103.18	102.88	5.63	14.05	97.25	
	7/22/08			5.04		97.84	
	11/10/08			6.70		96.18	
	3/2/09			5.10		97.78	
9/1/09			6.90		95.98		
MW-8 MW-8R	9/13/04		101.74	10.16		91.58	Well resurveyed following post-construction top of casing adjustment
	6/12/07	101.67	104.23	6.25	16.15	97.98	
	9/6/07			5.93		95.81	
	1/24/08	102.59	102.21	5.81	12.10	96.40	
	7/22/08			3.73		98.48	
	11/10/08			8.25		93.96	
	3/2/09			4.30		97.91	
9/1/09			8.78		93.43		
MW-9	6/12/07	100.13	102.68	4.81	16.31	97.87	Well resurveyed following post-construction top of casing adjustment
	9/6/07			6.02		96.66	
	1/24/08	100.63	100.45	3.70	8.05	96.75	
	7/22/08			4.02		96.43	
	11/10/08			7.15		93.30	
	3/2/09			3.90		96.55	
	9/1/09			7.36		93.09	
PZ-1	9/13/04		102.02	40.31	41.65	61.71	Well resurveyed following post-construction top of casing adjustment
	5/31/05			41.50	41.65	60.52	
	6/12/07			dry		41.59	
	9/6/07			dry	42.70		
	1/24/08	101.20	101.00	NM			
	7/22/08			dry	40.25		
	11/10/08			dry			
3/2/09			dry				
9/1/09			NM				
PZ-2	6/12/07	102.20	105.01	13.10	29.94	91.91	Well resurveyed following post-construction top of casing adjustment
	9/6/07			14.58		90.43	
	10/3/07			14.83		90.18	
	1/24/08	102.09	101.75	13.75	24.55	88.00	
	7/22/08			13.35		88.40	
	11/10/08			14.55		87.20	
	3/3/09			14.10		87.65	
9/1/09			14.77		86.98		
PZ-5	9/13/04		102.75	dry			Well resurveyed following post-construction top of casing adjustment
	5/31/05			dry			
	6/12/07			dry	42.31		
	9/6/07			dry	42.43		
	1/24/08	100.70	100.50	38.33	39.75	62.17	
	7/22/08			38.65		61.85	
	11/10/08			38.00		62.50	
3/2/09			37.91		62.59		
9/1/09			39.24		61.26		
PZ-7	9/13/04		102.33	dry	34.70		Well resurveyed following post-construction top of casing adjustment
	5/31/05			34.27	34.70	68.06	
	6/12/07			34.03	34.65	68.30	
	9/6/07			38.07	38.90	64.26	
	1/24/08	103.23	102.74	33.87	34.55	68.87	
	7/22/08			33.88		68.86	
	11/10/08			33.66		69.08	
3/2/09			NM		NM		
9/1/09			NM		NM		
PZ-8	5/31/05		101.43	10.72	25.00	90.71	Well resurveyed following post-construction top of casing adjustment
	6/12/07			8.72	24.97	92.71	
	9/6/07		100.96	13.00	29.16	87.96	
	1/24/08	102.59	102.28	9.88	25.00	92.40	
	7/22/08			9.25		93.03	
	11/10/08			11.00		91.28	
	3/2/09			NM		NM	
9/1/09			11.80		90.48		

Notes:  
2. feet benchmark = feet above/below the site-specific benchmark  
3. feet from toc = feet below top of casing  
4. feet bgs = feet below ground surface



This fillable form is intended to provide a list of information that must be submitted for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request (Section H). The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

**NOTICE: Completion of this form is mandatory** for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #: 02-41531327 & 03-41-111395

ACTIVITY NAME: VACANT LOT & ADELMAN CLEANERS LAUNDRY MAT- FORMER

ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
A	3017 N Humboldt Blvd, Milwaukee	281-1048-000	691119	291107
B				
C				
D				
E				
F				
G				
H				
I				

**MAILED**  
3/31

March 31, 2010

Project Reference #9056

Shiloh Holdings LLC  
2032 Neva Road  
Antigo, WI 54409

Certified Mail

RE: **Notice of Residual Impacts to Soil and Groundwater  
Property Located at 3017 N. Humboldt Boulevard  
Milwaukee, Wisconsin**

**SCANNED**

Dear Sir or Madam:

Sigma Environmental Services, Inc. (Sigma), on behalf of the Redevelopment Authority of the City of Milwaukee (RACM) has prepared this letter to notify you that soil and groundwater contamination that appears to have originated on the property located at 3009 North Humboldt Boulevard, Milwaukee, Wisconsin (BRRTS# 03-65-002849) has migrated onto your property at 3017 N. Humboldt Boulevard. The levels of chlorinated volatile organic compounds (CVOCs) in the soil and groundwater on your property may be above the state residual contaminant levels as defined in chapter NR 720, Wisconsin Administrative Code for soil and above the groundwater enforcement standards found in chapter NR 140, Wisconsin Administrative Code. However, Sigma believes that the groundwater contaminant plume is stable or receding and will naturally degrade over time. In addition, a vapor barrier trench and passive venting system has been installed on the 3009 N. Humboldt Boulevard property to prevent migration of volatile vapors associated with residual soil and groundwater contamination and allow volatile vapors to escape from beneath the paved surface.

Allowing natural attenuation to complete the cleanup at this site will meet the requirements for case closure that are found in chapter NR 726, Wisconsin Administrative Code, and RACM will be requesting that the Wisconsin Department of Natural Resources (WDNR) accept natural attenuation as the final remedy for this site and grant case closure. Closure means that the WDNR will not be requiring any further investigation or cleanup action to be taken, other than reliance on natural attenuation.

Since the source of the soil and groundwater contamination is not on your property, neither you nor any subsequent owner of your property will be held responsible for investigation or cleanup of this soil and groundwater contamination, as long as you and any subsequent owners comply with the requirements of section 292.13, Wisconsin Statutes, including allowing access to your property for environmental investigation or cleanup if access is required. To obtain a copy of the Department of Natural Resources' publication #RR-589, Fact Sheet 10: Guidance for Dealing with Properties Affected by Off-Site Contamination," you may visit <http://www.dnr.wi.gov/org/aw/rr/archives/pubs/RR589.pdf>.

WDNR will not review the closure request submitted by RACM for at least 30 days after the date of this letter. As an affected property owner, you have a right to contact WDNR

to provide any technical information that you may have that indicates that closure should not be granted for this site. If you would like to submit any information to WDNR that is relevant to this closure request, you should mail that information to the Wisconsin Department of Natural Resources, Attention: Victoria Stovall, 2300 N. Dr. Martin Luther King Jr. Drive, Milwaukee, Wisconsin 53212 and reference the BRRTS number listed above.


If this case is closed, all properties within the site boundaries where soil contamination exceeds chapter NR 720 residual contaminant levels and groundwater contamination exceeds chapter NR 140 groundwater enforcement standards will be listed on the WDNR's geographic information system (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater contamination above chapter NR 140 enforcement standards was found at the time that the case was closed. This GIS Registry is available to the general public on the WDNR's internet web site. Please review the enclosed legal description, on the property deed, of your property and notify Sigma within the next 30 days if the legal description is incorrect.

Once WDNR makes a decision on the closure request, it will be documented in a letter. If WDNR grants closure you may obtain a copy of this letter by writing to WDNR at the address given above or by accessing the DNR GIS Registry of Closed Remediation Sites on the internet at [www.dnr.state.wi.gov/org/aw/rr/gis/index.htm](http://www.dnr.state.wi.gov/org/aw/rr/gis/index.htm). A copy of the closure letter is included as part of the site file on the GIS Registry of Closed Remediation Sites.

Should you or any subsequent property owner wish to construct or reconstruct a well on your property, special well construction standards may be necessary to protect the well from the residual groundwater contamination. Any well driller who proposes to construct a well on your property in the future will first need to obtain approval from a regional water supply specialist in DNR's Drinking Water and Groundwater Program. The well construction application, form 3300-254, is on the internet at <http://www.dnr.wi.gov/org/water/dwg/3300254.pdf>, or may be accessed through the GIS Registry web address in the preceding paragraph.

If you need more information, you may contact me at (414) 643-4124.

Sincerely,  
**Sigma Environmental Services, Inc.**



Stephen Meer, P.E.  
Staff Engineer

Enclosures:

- Property Deed for 3017 N. Humboldt Boulevard, Milwaukee, Wisconsin

cc: Ms. Karen Dettmer – Redevelopment Authority of the City of Milwaukee

STATE BAR OF WISCONSIN FORM 3 - 2000

QUIT CLAIM DEED

Document Number

This Deed, made between Steve Lindner  
and Debra Lindner

Grantor,  
and Shiloh Holdings LLC

Grantee.  
Grantor quit claims to Grantee the following described real estate in  
Milwaukee County, State of Wisconsin: (if more space  
is needed, please attach addendum):

Lot 16, Block 8 in Moses Kneeland's Partition, of  
Lots 33, 34, and 35, in Section 16, and Lots 15 and  
16, in the subdivision of the East 1/2 of the  
Southwest 1/4 Section 9, in Township 7 North, Range  
22 East, in the City of Milwaukee, County of  
Milwaukee, State of Wisconsin.

FEE

# 77.25 (15)S

EXEMPT

Together with all appurtenant rights, title and interests.

Dated this 22nd day of June, 2004.

\* Steve Lindner

\* Debra Lindner

AUTHENTICATION

Signature(s) \_\_\_\_\_

authenticated this \_\_\_\_\_ day of \_\_\_\_\_,

TITLE: MEMBER STATE BAR OF WISCONSIN

(If not, \_\_\_\_\_  
authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

Steve Lindner

(Signatures may be authenticated or acknowledged. Both are  
not necessary.)

Recording Area

Name and Return Address

WAUWATOSA SAVINGS BANK  
11200 W PLANK CT  
WAUWATOSA WI 53226-3250

281-1048-000-X

Parcel Identification Number (PIN)

This is not homestead property.  
(is) (is not)

ACKNOWLEDGMENT

STATE OF WISCONSIN )  
) ss.

Milwaukee County. )

Personally came before me this 22nd day of  
June, 2004 the above named

to me known to be the person S who executed  
the foregoing instrument and acknowledged the same.

Susan Scifo

\* Susan Scifo

Notary Public, State of Wisconsin

My Commission is permanent. (If not, state expiration date:

March 5, 2006.)

\*Names of persons signing in any capacity must be typed or printed below their signature.

OFF-SOURCE  
A  
PROPERTY

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Shiloh Holdings LLC  
2022 Neva Rd.  
Antigo, WI  
54409

2. Article Number

(Transfer from service label)

7009 3410 0000 3771 7586

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-154

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

X Joyce Piller

Agent

Addressee

B. Received by (Printed Name)

Joyce Piller

C. Date of Delivery

4/1/10

D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type

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Return Receipt for Merchandise

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C.O.D.

4. Restricted Delivery? (Extra Fee)

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Meer  
3/31/10

Sent To: Shiloh Holdings  
Street, Apt. No., or PO Box No.  
City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions

7009 3410 0000 3771 7586

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• Sender: Please print your name, address, and ZIP+4 in this box •

The Sigma Group  
1300 W. Canal Street  
Milwaukee, WI 53233

Milw 9056 Meer 3/31/10

**MAILED**  
4/3

April 1, 2010

Project Reference #9056

Mr. Jeffrey S. Polenske  
City Engineer  
Department of Public Works  
Zeidler Municipal Building, Room 701  
841 N. Broadway  
Milwaukee, WI 53202

Certified Mail**SCANNED**

Mr. Ronald D. Leonhardt  
Milwaukee City Clerk  
City Hall, Room 205  
200 E. Wells Street  
Milwaukee, WI 53202

**Subject: Notification of Contamination Within North Humboldt Boulevard Right-of-Way in Milwaukee**

Dear Mr. Polenske and Mr. Leonhardt:

On behalf of the Redevelopment Authority of the City of Milwaukee, Sigma Environmental Services, Inc. (Sigma) is notifying the City of Milwaukee of the presence of residual chlorinated volatile organic compound impacts within soil and groundwater located beneath North Humboldt Boulevard to the east of the property located at 3009 North Humboldt Boulevard. Wisconsin Administrative Code (WAC) Chapter NR 726.05 (2)(b)4 requires the Municipal Clerk and Municipal Department responsible for maintaining the street or highway be given written notification of the presence of chlorinated volatile organic compound impacts within the right-of-way. This letter serves as that notification.

Following is a summary of information that must be disclosed according to the Wisconsin Department of Natural Resources (WDNR):

County: Milwaukee  
Roadway: North Humboldt Boulevard  
Site name: Former Adelman Cleaners Laundry Mat  
Site address: 3009 North Humboldt Boulevard, Milwaukee, WI 53212  
WDNR BRRTS#: 02-41-531327 & 03-41-111395

Responsible Party's name: Redevelopment Authority of the City of Milwaukee  
Owner's address: 809 N. Broadway, Milwaukee, WI 53202  
Consulting firm: Sigma Environmental Services, Inc.  
Consultant contact: Stephen Meer, P.E.  
Consultant address: 1300 West Canal Street, Milwaukee, WI 53233

April 1, 2010

Phone and fax: (414) 643-4200 / (414) 643-4210

Email: [smeer@thesigmagroup.com](mailto:smeer@thesigmagroup.com)

Soil contamination: Yes

Depth to contaminated soil: Approximately 4 feet below ground surface

Vertical extent of contaminated soil: Approximately 4 to 14 feet below ground surface

Groundwater contamination: Yes

Depth to water table: Approximately 4 to 8 feet below ground surface

Description of contamination: Chlorinated volatile organic compounds, tetrachloroethylene (PCE), trichloroethylene (TCE), and cis-1,2-dichloroethylene (cis-1,2-DCE).

Summary of cleanup activities: Impacted soil from the site has been excavated and disposed of off-site. In addition, potassium permanganate was mixed with contaminated soil in-situ to chemically oxidize contaminants. A passive venting system has been installed beneath the asphalt paved parking lot. Analytical results of soil and groundwater samples indicate residual impacts remain in the northeast portion of the site and the surrounding area.

Natural attenuation of existing soil and groundwater contamination is being proposed as an acceptable remedial strategy for the site.

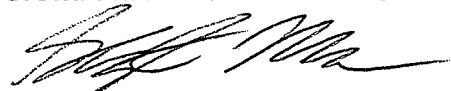
Soil and groundwater quality maps: Attached, see "Soil Quality Map" and "Groundwater Quality Map"

The Wisconsin Department of Natural Resources will be making a final case closure determination shortly. As part of the closure process, the 3009 North Humboldt Boulevard property will be listed in the WDNR's Geographic Information System (GIS) database for properties with residual soil and groundwater contamination at the time of case closure.

If future construction activities disturb soil or groundwater within the North Humboldt Boulevard right-of-way as described above, or if soil or groundwater is to be otherwise extracted in the vicinity of this area, the soil or groundwater should be sampled and managed in compliance with applicable statutes and rules.

If you have any questions or comments, please contact Sigma at (414) 643-4200.

Sincerely,

**SIGMA ENVIRONMENTAL SERVICES, INC.**

Stephen Meer, P.E.

Staff Engineer

Enclosures: Soil Quality Map  
Groundwater Quality Map

cc: Ms. Karen Dettmer, P.E. – Redevelopment Authority of the City of Milwaukee

RIGHT-OF-WAY

7009 3410 0000 3771 7616

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9056  
Postmark  
Here  
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