## GIS REGISTRY (Cover Sheet) Form 4400-280 (R 6/13)

Source Proper	ty Inf	form	ation			CL	OSURE DAT	E: 04/29/2013
BRRTS #:	02-41	-54303	31					
ACTIVITY NAME:	DORPI	ROP, LI	_C				FID #:	241371680
PROPERTY ADDRESS:	OPERTY ADDRESS: 3596 N Oakland Ave				DATCP #:			
MUNICIPALITY:	Shorew	/ood					PECFA#:	
PARCEL ID #:	276017	0000						
	*WTM C	COORD	INATES:		WTM COOF	RDINATES	REPRESEN	Т:
X: 6	691974	Y:	292305	(	Approximate Co	enter Of Co	ntaminant So	ource
		rdinates , NAD83		(	• Approximate So	ource Parce	el Center	
Please check as approp		-	. ,	)				
			CONTIN	NUING O	BLIGATIONS			
Contaminated	d Medi	a for F	Residual C	ontamin	ation:			
⊠ <u>Groundwater</u>	Contam	ination :	> ES (236)		Soil Contamir     Soi	nation > *R0	CL or **SSR(	CL (232)
⊠ Contamir	nation in	ROW			☐ Contamir	nation in RC	OW	
☐ Off-Source	ce Conta	minatio	n		☐ Off-Source	ce Contami	nation	
( <b>note</b> : for list see "Impacted Form 4400-24	d Off-Soul			nn,	( <b>note:</b> for list see "Impacted Form 4400-2	d Off-Source	e properties Property Infor	mation,
Site Specific	Obliga	tions:						
☐ Soil: maintair	n industr	ial zonir	ng <i>(220)</i>			rier (222)		
(note: soil contam						ontact		
between non-indus	strial and	industria	l levels)		⊠ Soil to G\	W Pathway		
Structural Imp	pedimen	t (224)				tion <i>(226)</i>		
Site Specific (	Conditio	n <i>(228)</i>			☐ Maintain Liab	oility Exemp	tion (230)	
					( <b>note:</b> local govern development corpo take a response ac	oration was d		
				Moni	toring Wells:			
VAPOR: Maintain Activ	е	Are al	I monitoring	wells prope	rly abandoned pe	er NR 141?	(234)	
_			<ul><li>Yes</li></ul>	s (No	○ N/A			
							ıal Contaminar pecific Residua	nt Level al Contaminant Leve

State of Wisconsin

Department of Natural Resources http://dnr.wi.gov

PLEASE ASSEMBLE IN THIS ORDER

GIS Registry Checklist

Form 4400-245 (R 8/11)

Page 1 of 3

This Adobe Fillable form is intended to provide a list of information that is required for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request. 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.].

0341551373 & PARCEL ID #: 276-0170-000 (No Dashes) BRRTS #: 0241543031 WTM COORDINATES: X: 691975 Y: 292300 ACTIVITY NAME: | Dorprop LLC - One Hour Martinizing **CLOSURE DOCUMENTS** (the Department adds these items to the final GIS packet for posting on the Registry) Closure Letter 🕆 Maintenance Plan (if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.) Continuing Obligation Cover Letter (for property owners affected by residual contamination and/or continuing obligations) Conditional Closure Letter Certificate of Completion (COC) (for VPLE sites)

#### SOURCE LEGAL DOCUMENTS

- Deed: The most recent deed as well as legal descriptions, for the Source Property (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the Notification section.
  - 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.
- K Certified Survey Map: A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

Figure #: Title:

X Signed Statement: A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

#### MAPS (meeting the visual aid requirements of s. NR 716.15(2)(h))

Maps must be no larger than  $11 \times 17$  inches unless the map is submitted electronically.

- **x** Location Map: A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.
  - Note: Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.

Figure #: 1 Title: Site Location Map

- Detailed Site Map: A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.
  - Figure #: 2 Title: Utility Layout Map
- X Soil Contamination Contour Map: For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.
  - Figure #: 3 & 4 Title: Chlorinated Solvent Concentration Map & Post-Remedial Soil Concentration Map

De	nte of Wisconsin partment of Natural Resource p://dnr.wi.gov	es	GIS Registry Checklis Form 4400-245 (R 8/11)	Page 2 of 3				
	RRTS #: 0341551373 & 0241543031	ACTIVITY NAME: Dorprop LLC - One Hour Martinizing						
M	APS (continued)							
	Residual Contaminant Le ch. NR 140 Enforcement	Map: A map showing the source location and vertical evel (RCL) or a Site Specific Residual Contaminant Leve Standard (ES) when closure is requested, show the sound locations and elevations of geologic units, bedroc	el (SSRCL). If groundwater contan urce location and vertical extent, '	nination exceeds a				
	Figure #:	Title:						
	Figure #:	Title:						
	extent of all groundwate Indicate the direction an Note: This is intended to Figure #: 5 & 6 Groundwater Flow Dire	ntration Map: For sites closing with residual groundwar contamination exceeding a ch. NR140 Preventive Act date of groundwater flow, based on the most recensions the total area of contaminated groundwater.  Title: Chlorinated Solvent Groundwater Concertion Map (5-23-2) Groundwater Concentration Map (5-23-2) Action Map: A map that represents groundwater movels istory of the site, submit 2 groundwater flow maps sh	tion Limit (PAL) and an Enforcem t sampling data. entration Map & 11) ement at the site. If the flow dire	ent Standard (ES). ction varies by				
	Figure #: 7	Title: Groundwater Contour Map (5-23-11)						
	Figure #:	Title:						
TA	BLES (meeting the requ	uirements of s. NR 716.15(2)(h)(3))						
	•	n 11 x 17 inches unless the table is submitted electror <b>OLD</b> or <i>ITALICS</i> is acceptable.	nically. Tables <u>must not</u> contain sl	hading and/or				
X	Note: This is one table o	table showing <u>remaining</u> soil contamination with and fresults for the contaminants of concern. Contaminal main after remediation. It may be necessary to create	nts of concern are those that were	e found during the				
	Table #: 11	Title: GIS Soil Analytical Table						
X		l Table: Table(s) that show the <u>most recent</u> analytical ells for which samples have been collected.	results and collection dates, for a	ll monitoring				
	Table #: 2 - 10, 12	Title: Groundwater Analytical Results						
X		Table(s) that show the previous four (at minimum) went, free product is to be noted on the table.	ater level elevation measurement	:s/dates from all				
	Table #: 1	Title: Groundwater Elevation Data						
IW	PROPERLY ABANDONI	ED MONITORING WELLS						
No		t properly abandoned according to requirements of s. on the GIS Registry for only an improperly abandoned m he GIS Registry Packet.						
	Not Applicable							
, costa	not been properly aband	op showing all surveyed monitoring wells with specific oned. Onitoring wells are distinctly identified on the Detailed Sit	_					
	Figure #:	Title:						
arusor .	_	rt: Form 4440-113A for the applicable monitoring we	lls.					
	•	leed as well as legal descriptions for each property wh		operly abandoned.				

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

State of Wisconsin Department of Natural Resources http://dnr.wi.gov	GIS Registry Checklist Form 4400-245 (R 8/11)	Page 3 of 3

BRRTS #: 0341551373 & 0241543031

ACTIVITY NAME: Dorprop LLC - One Hour Martinizing

NOTIFICATIONS		

Source	Pro	perty
--------	-----	-------

economic .				
ΧI	Not	App.	licab	k

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:

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.

Certified Survey Map: A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

Figure #: Title:

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 <a href="the contaminated area">the contaminated area</a>, 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: 4

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee WI 53212-3128

Scott Walker, Governor Cathy Stepp, Secretary Telephone 608-266-2621 Toll Free 1-888-936-7463

TTY Access via relay - 711

WISCONSIN DEPT. OF NATURAL RESOURCES

April 29, 2013

Mrs. Richard Miletto Dorprop LLC 3516 Crown Boulevard La Crosse WI 54603

#### KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT:

Final Case Closure with Continuing Obligations

Dorprop LLC, 3596 North Oakland Avenue, Milwaukee, Wisconsin WDNR BRRTS # 02-41-543031 & #03-41-551373; FID#241871680

3

Dear Mrs. Miletto:

The Department of Natural Resources (DNR) considers the Dorprop LLC Environmental Repair and Leaking Underground Storage Tank sites closed, with continuing obligations. No further investigation or remediation is required at this time. However, you and future property owners must comply with the continuing obligations as explained in the conditions of closure in this letter. Please read over this letter closely to ensure that you comply with all conditions and other on-going requirements. Provide this letter and any attached maintenance plan to anyone who purchases this property from you.

This property had dry cleaner operations since the 1970s and was a gas station in the 1920s through 1960s. Response actions included excavation and disposal of petroleum contaminated soil from the former underground petroleum storage tank area, groundwater monitoring to demonstrate the stability of residual groundwater contamination and installation of a sub-slab depressurization system on the site building to prevent vapor migration from residual dry cleaner solvent contamination in soil beneath the building. The conditions of closure and continuing obligations required were based on the property being used for commercial purposes.

This final closure decision is based on the correspondence and data provided, and is issued under ch. NR 726, Wisconsin Administrative Code. The DNR reviewed the request for closure in August 2012, and required addition nal assessment on the neighboring property at 3582 N. Oakland Avenue to verify whether that property should have continuing obligations related to perceived groundwater contamination and whether there were vapor impacts requiring further action or continuing obligations. Your consultant submitted the results of groundwater and vapor testing from the 3582 N. Oakland property in October of 2012, and the DNR required that verification vapor samples be collected. This work was done, and the results were submitted by your consultant on February 4, 2013. Based on the groundwater sampling from the 3582 N. Oakland property, your consultant concluded and the DNR concurs that there are not groundwater impacts on that property that would require any continuing obligation. The vapor results detected tetrachloroethylene, but the levels found were below the DNR's screening threshold and do not require any further actions and do not necessitate a long term obligation for the 3582 N. Oakland property.



#### Continuing Obligations

The continuing obligations for this site are summarized below. Further details on actions required are found in the section <u>Closure Conditions</u>.

- Groundwater contamination is present above ch. NR 140, Wis. Adm. Code enforcement standards.
- 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 DNR must approve any changes to this barrier.
- A vapor mitigation system must be operated and maintained, and inspections must be documented.

#### GIS Registry

This site will be listed on the Remediation and Redevelopment Program's internet accessible Geographic Information System (GIS) Registry, to provide notice of residual contamination and of any continuing obligations. DNR approval prior to well construction or reconstruction is required for all sites shown on the GIS Registry, in accordance with s. NR 812.09(4) (w), Wis. Adm. Code. To obtain approval, complete and submit Form 3300-254 to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at <a href="http://dnr.wi.gov/topic/wells/documents/3300254.pdf">http://dnr.wi.gov/topic/wells/documents/3300254.pdf</a> or at the web address listed below for the GIS Registry.

All site information is also on file at the Southeast Regional DNR office, at 2300 N. Dr. ML King Jr. Drive, Milwaukee. This letter and information that was submitted with your closure request application, including the maintenance plan, will be included on the GIS Registry in a PDF attachment. To review the site on the GIS Registry web page, visit the RR Sites Map page at <a href="http://dnrmaps.wi.gov/imf/imf.isp?site=brrts2">http://dnrmaps.wi.gov/imf/imf.isp?site=brrts2</a>.

#### **Prohibited Activities**

Certain activities are prohibited at closed sites because maintenance of a barrier is intended to prevent contact with any remaining contamination. When a barrier is required, the condition of closure requires notification of the DNR before making a change, in order to determine if further action is needed to maintain the protectiveness of the remedy employed. The following activities are prohibited on any portion of the property where pavement, a building foundation, or a vapor mitigation system or barrier is required, as shown on the **attached map, titled "Cap Area Map"**, <u>unless prior written approval has been obtained from the DNR:</u>

- removal of the existing barrier;
- replacement with another barrier;
- excavating or grading of the land surface;
- filling on covered or paved areas;
- plowing for agricultural cultivation;
- construction or placement of a building or other structure;
- changing the use or occupancy of the property to a residential exposure setting, which may include certain uses, such as single or multiple family residences, a school, day care, senior center, hospital, or similar residential exposure settings;
- changing the construction of a building that has either a passive or active vapor mitigation system in place.

#### **Closure Conditions**

Compliance with the requirements of this letter is a responsibility to which the current property owner, and any subsequent property owners must adhere. DNR staff will conduct periodic prearranged inspections to ensure that the conditions included in this letter and the attached maintenance plans are

met. If these requirements are not followed, the DNR 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.

#### Residual Groundwater Contamination (ch. NR 140, 812, Wis. Adm. Code)

Groundwater contamination greater than enforcement standards is present on this contaminated property and within the adjacent Oakland Avenue right of way, as shown on the attached maps, titled "Chlorinated Solvent Groundwater Concentration Map" and "Groundwater Concentration Map" (petroleum VOCs). If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval.

#### Residual Soil Contamination (ch. NR 718, chs. 500 to 536, Wis. Adm. Code or ch. 289, Wis. Stats.)

Soil contamination remains beneath and west of the existing building, as indicated on the attached maps, title "Chlorinated Solvent Soil Concentration Map" and "Post Remedial Soil Concentration Map". If soil from 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 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.

#### Cover or Barrier (s. 292.12 (2) (a), Wis. Stats.)

The pavement and building that exists in the location shown on the **attached "Cap Area Map"**, shall be maintained in compliance with the **attached Cap Maintenance Plan** 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.

A cover or barrier for industrial land uses, or certain types of commercial land uses may not be protective if use of the property were to change such that a residential exposure would apply. This may include, but is not limited to single or multiple family residences, a school, day care, senior center, hospital or similar settings. Before using the property for such purposes, you must notify the DNR to determine if additional response actions are warranted.

A request may be made to modify or replace a cover or barrier. The replacement or modified cover or barrier must be protective of the revised use of the property, and must be approved in writing by the DNR prior to implementation.

The **attached maintenance plan and inspection log** are to be kept up-to-date and on-site. Submit the inspection log to the DNR annually, starting one year after the date of this letter.

#### Vapor Mitigation or Evaluation (s. 292.12 (2), Wis. Stats.)

Vapor intrusion is the movement of vapors coming from volatile chemicals in the soil or groundwater, into buildings where people may breathe air contaminated by the vapors. Vapor mitigation systems are used to interrupt the pathway, thereby reducing or preventing vapors from moving into the building.

Soil vapor beneath the building contains chlorinated solvents at levels that would pose a long-term risk to human health, if allowed to migrate into an occupied building on the property. The vapor mitigation system, installed in February 2011, must be operated, maintained and inspected in accordance with the **attached "Vapor Mitigation System Maintenance Plan"**. System components must be repaired or replaced immediately upon discovery of a malfunction. Annual inspections and any system repairs must be documented in the inspection log. The inspection log shall be kept up-to-date and on-site. **Submit the inspection log to the DNR annually, starting one year after the date of this letter.** 

The integrity of the building floor that exists on the property, shown on the **attached "Cap Area Map"**, must be maintained in compliance with the **attached "Cap Maintenance Plan"**. This will help ensure proper functioning of the vapor mitigation system, limiting vapor intrusion to indoor air spaces.

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.

#### General Wastewater Permits for Construction Related Dewatering Activities

The DNR's Water Quality 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.

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 <a href="http://dnr.wi.gov/topic/wastewater/GeneralPermits.html">http://dnr.wi.gov/topic/wastewater/GeneralPermits.html</a>. If residual soil or groundwater contamination is likely to affect water collected in a pit/trench that requires dewatering, a general permit for Discharge of Contaminated Groundwater from Remedial Action Operations may be needed. If water collecting in a pit/trench that requires dewatering is expected to be free of pollutants other than suspended solids and oil and grease, a general permit for Pit/Trench Dewatering may be needed.

#### Operating Dry Cleaners

In order to remain eligible for future reimbursement of cleanup costs from the Dry Cleaner Environmental Response Fund (DERF), the owner or operator of the dry cleaning facility must implement enhanced pollution prevention measures within 90 days of the date of this letter. These measures are found in Section 292.65 (5) (a) 2, Wis. Statutes, and NR 169.11 (2), Wis Adm. Code. In accordance with Section 292.65 (8) (f), Wis. Stats., the maximum amount of money that DERF can reimburse to any facility is \$500,000. The enhanced pollution prevention measures include:

- all wastes must be managed in accordance with federal and state hazardous waste rules;
- dry cleaning product or wastewater may not be discharged into any sanitary sewers, septic tanks, or any waters of the State;
- a containment structure must entirely surround and be capable of containing any spill or release of a dry cleaning product from a dry cleaning machine or other equipment;
- the floor within any containment structure must be sealed and be impervious to dry cleaning product;
- perchloroethene must be delivered to the dry cleaning facility by means of a closed, direct coupled delivery system.

In order to retain DERF eligibility, an operating drycleaner would need to verify that they have implemented these pollution prevention measures. Additional documentation, such as invoices and photographs of any enhanced pollution prevention measures implemented, can be used to provide verification.

The following DNR fact sheet, "Continuing Obligations for Environmental Protection", RR-819, was 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 <a href="http://dnr.wi.gov/files/PDF/pubs/rr/RR819.pdf">http://dnr.wi.gov/files/PDF/pubs/rr/RR819.pdf</a>.

Please send written notifications in accordance with the above requirements to the DNR Southeast Region Headquarters, 2300 N. Dr. ML King Jr. Dr., Milwaukee, WI 53212, to the attention of the Remediation & Redevelopment Program Environmental Program Associate.

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.

The DNR 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 me at (414) 263-8561.

Sincerely,

Pamela A. Mylotta, Team Supervisor

Southeast Region Remediation & Redevelopment Program

#### Attachments:

- Chlorinated Solvent Groundwater Concentration Map Figure 5
- Groundwater Concentration Map Figure 6
- Chlorinated Solvent Soil Concentration Map Figure 3
- Post Remedial Soil Concentration Map Figure 4
- Cap Maintenance Plan, including "Cap Area Map"
- Vapor Mitigation System Maintenance Plan, with photos of system and manometer
- RR 819

cc: Kevin Nestingen – Braun Intertec

Department of Safety and Petroleum Services



Project No: LC0500785

Drawing No: LC0500785

 Scale:
 1"= 20"±

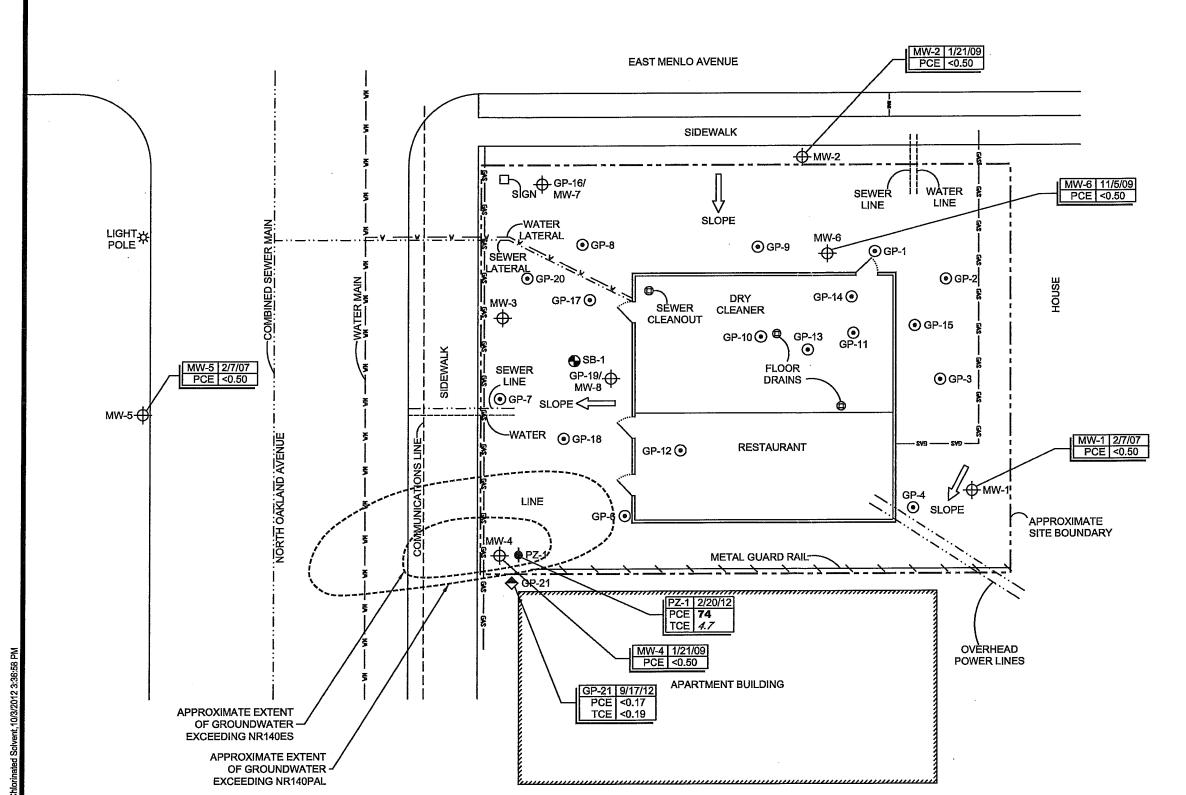
 Drawn By:
 BJB

 Date Drawn:
 1/17/08

 Checked By:
 KDN

 Last Modified:
 9/24/12

eet: Fig: of 5



- DENOTES APPROXIMATE LOCATION OF SOIL BORING
- DENOTES APPROXIMATE LOCATION
   OF GEOPROBE BORING
- DENOTES APPROXIMATE LOCATION OF MONITORING WELL
- DENOTES APPROXIMATE LOCATION OF PIEZOMETER

PCE TETRACHLOROETHENE
TCE TRICHLOROETHENE

10'±

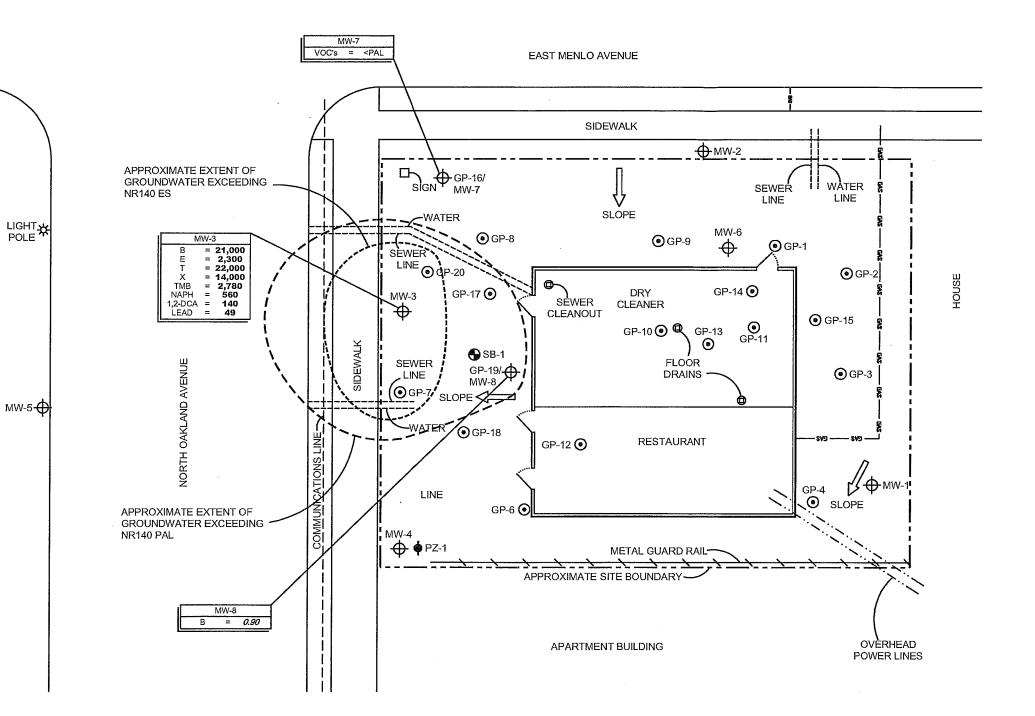
NOTE: ALL CONCENTRATIONS IN μg/L



SCALE: 1" = 20'±

20'±

Minneapolis, MN 55438 PH. (952) 995-2000 FAX (952) 995-2020



**DENOTES APPROXIMATE LOCATION** OF SOIL BORING

0 **DENOTES APPROXIMATE LOCATION** OF GEOPROBE BORING

 $\Phi$ DENOTES APPROXIMATE LOCATION OF MONITORING WELL

DENOTES APPROXIMATE LOCATION OF PIEZOMETER

BENZENE

ETHYL BENZENE

TOLUENE

Х XYLENES, TOTAL

TRIMETHYLBENZENES TMB

(1,2,4- and 1,3,5- COMBINED)

NAPH NAPHTHALENE

1,2-DCA 1,2-DICHLOROETHANE

<PAL CONCENTRATION LESS THAN NR140

PREVENTATIVE ACTION LIMIT (PAL)

#### NOTES:

- ALL CONCENTRATIONS IN ug/L
- BOLD VALUES EXCEED NR140
- **ENFORCEMENT STANDARDS (ES)**
- ITALICIZED VALUES EXCEED NR140 PREVENTATIVE ACTION LIMIT (PAL)



10'± 20'± SCALE: 1" = 20'±

LC1008236

Drawing No: LC0500785

1"= 20 Scale: Drawn By: BJ 1/17/0 Date Drawn: Checked By: KD Last Modified: 7/21/1



CHLORINATED SOLVENT SOIL CONCENTRATION MAP CLOSURE REQUEST SUBMITTAL DORPROP, LLC 3596 NORTH OAKLAND AVENUE SHOREWOOD, WISCONSIN

Project No: LC0500785

OR MORE EPA SOIL SCREENING LEVEL

SCALE: 1" = 20'±

20'±

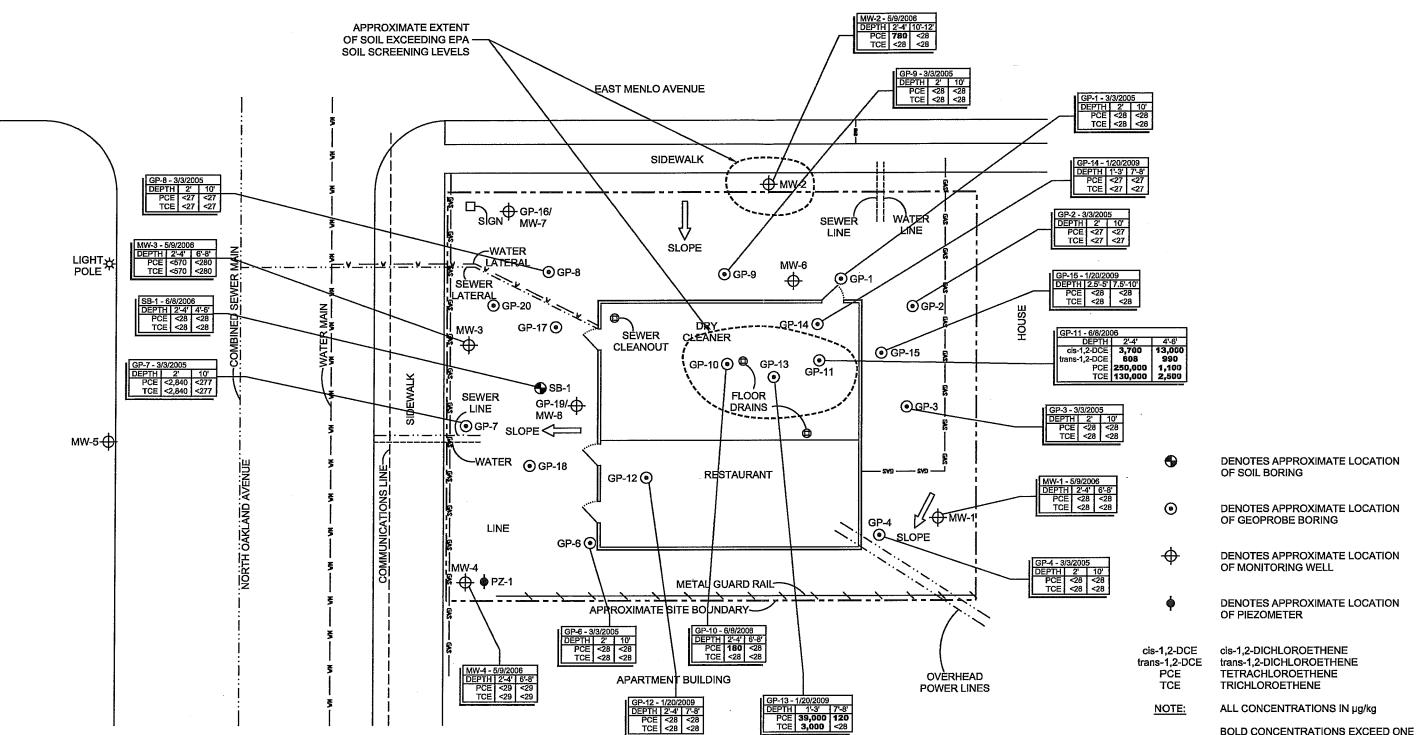
10'±

Drawing No:

LC0500785

1"= 20'± Drawn By: Date Drawn: 1/17/08 Checked By: KDN Last Modified: 3/27/12

3





Project No:

Drawing No:

Scale:

Drawn By:

Checked By:

Last Modified:

of

LC1008236

LC0500785

AS SHOWN

BJB 1/17/08

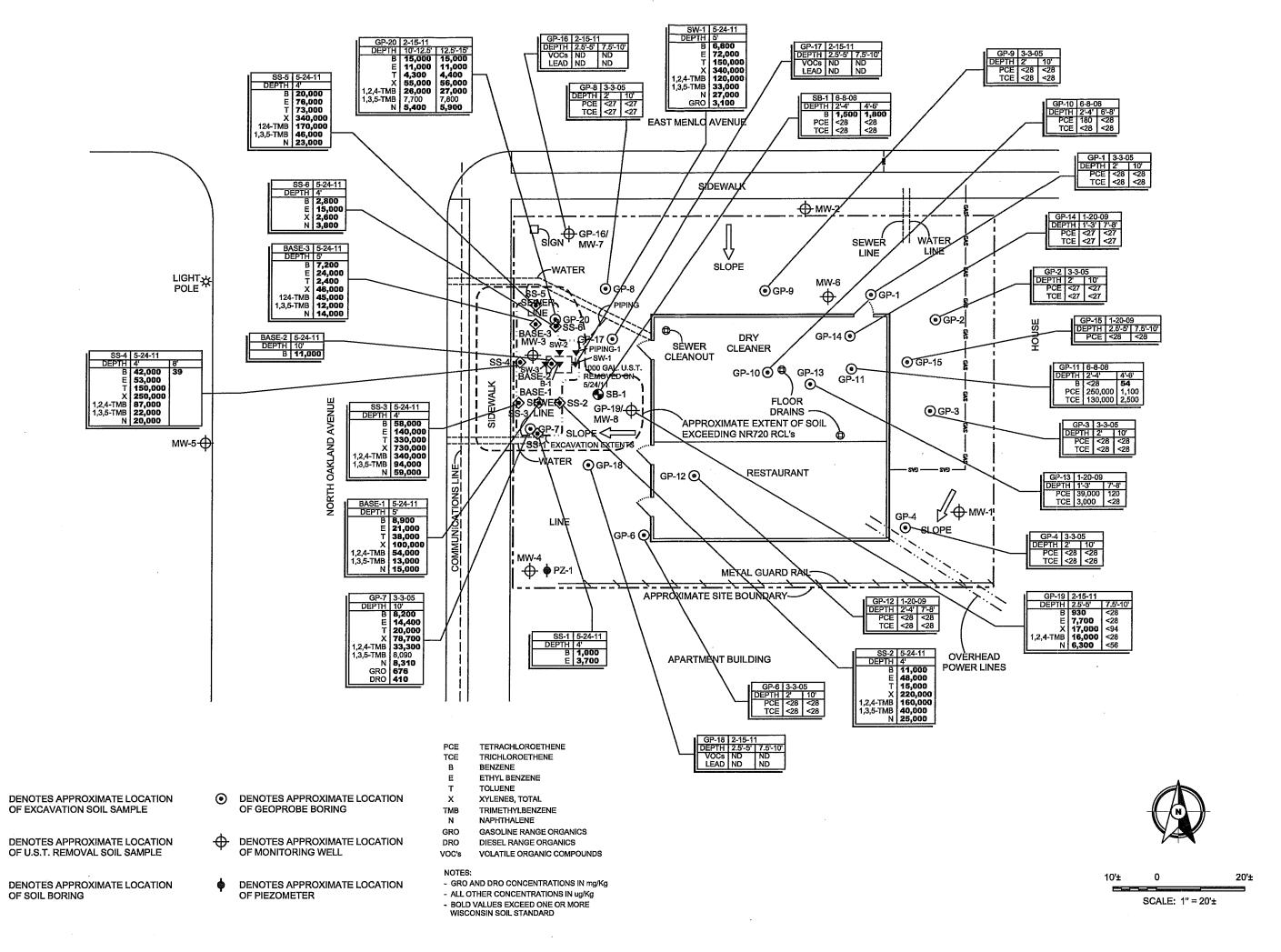
9/26/11



11001 Hampshire Avenue So.

Minneapolis, MN 55438 PH, (952) 995-2000

FAX (952) 995-2020



# Cap Maintenance Plan One Hour Martinizing – Dorprop LLC 3596 N Oakland Avenue Shorewood, Wisconsin BRRTS # 03-41-551373 & 02-41-543031

#### Introduction

This document is the Maintenance Plan for an asphalt cover at the above-referenced property in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relate to the existing cap occupying the area over the contaminated soil on-site. The contaminated soil is impacted by diesel range organics (DRO), gasoline range organics (GRO), petroleum volatile organic compounds (PVOCs) and volatile organic compounds (VOCs). Following the excavation in May 2011, the site was re-paved with asphalt. An average asphalt thickness of 3 inches was placed over approximately 6 inches of aggregate base at the site. The location of the cap to be maintained in accordance with this Maintenance Plan, as well as the impacted soil, is identified in Exhibit A.

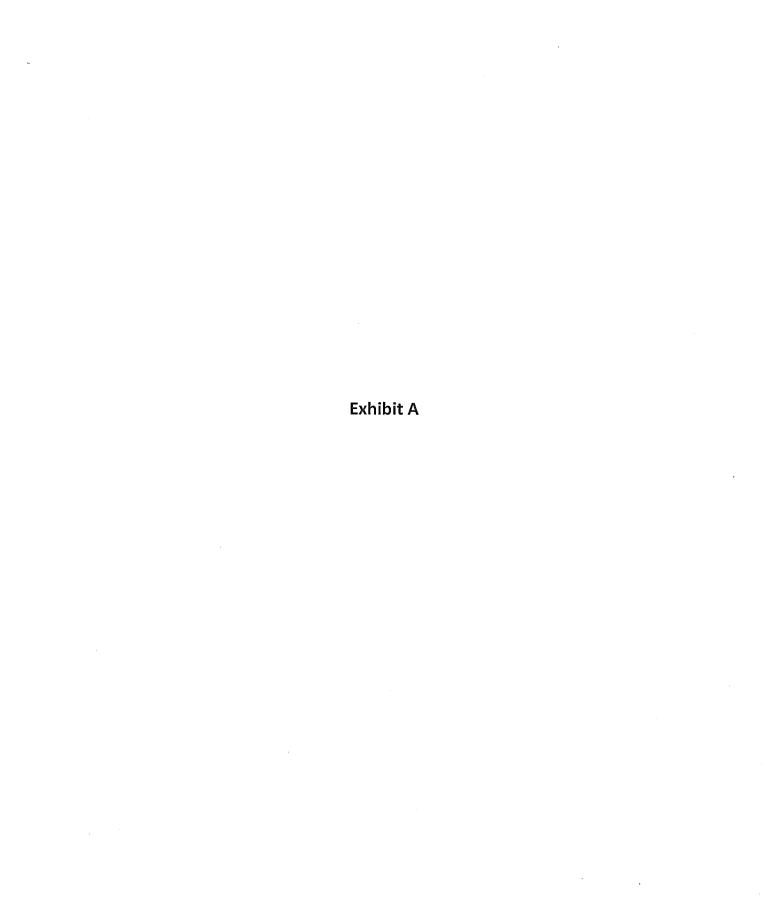
#### Cap Purpose

The asphalt cap over the contaminated soil serves as a barrier to prevent direct human contact with residual soil contamination that might otherwise pose a threat to human health. Based on the current and future use of the property, the barrier should function as intended unless disturbed.

#### Inspection and Maintenance

The cap overlying the contaminated soil in the area identified in Exhibit A will be inspected once a year, normally in the spring after all snow and ice is gone, for deterioration or other potential problems that can cause exposure to underlying soils. 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 at a depth of greater than 9 inches have become exposed or are likely to become exposed will be repaired as soon as practical. In the event that maintenance or other activities expose soil at a depth of greater than 9 inches, the owner must inform workers of the direct contact exposure hazard and provide them with necessary 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.



- ALL OTHER CONCENTRATIONS IN ug/Kg

- BOLD VALUES EXCEED ONE OR MORE WISCONSIN SOIL STANDARD

OF SOIL BORING

OF PIEZOMETER

6.800

72,000

GP-17 | 2-15-11 DEPTH | 2.5'-5' | 7.5'-10'

GP-20 2-15-11

Minneapolis, MN 55438 PH. (952) 995-2000 FAX (952) 995-2020

CAP AREA MAP DORPROP, LLC 3596 NORTH OAKLAND AVENUE SHOREWOOD, WISCONSIN

Project No: LC1008236

Drawing No: LC0500785

AS SHOWN Drawn By: BJB Date Drawn: 1/17/08 KDN Checked By: 9/26/11 Last Modified:

of

SCALE: 1" = 20'±

#### **Cap Maintenance Log**

One Hour Martinizing
Dorprop LLC
3596 N Oakland Avenue
Shorewood, Wisconsin
WDNR BRRTS #03-41-551373 & 02-41-543031

Notes:

Inspections required once a year

Refer to Cap Maintenance Plan for inspection requirements

Date	Inspector	Deterioration or change to cap area? (Y/N)	If Yes, explain necessary repairs	Notes
			_	
			· · · · · · · · · · · · · · · · · · ·	
	Marin Constitution and			



Photograph #: 1 Date: 9/8/2011

Direction:

Facing North Asphalt over excavation area Subject:

LC-10-08236

BRAUN INTERTEC



Photograph #: 2 Date: 9/8/2011 2

Direction

Facing West Asphalt on north side of site Subject:

LC-10-08236

BRAUN INTERTEC

#### **Vapor Mitigation System Maintenance Plan**

One Hour Martinizing – Dorprop LLC 3596 N Oakland Avenue Shorewood, Wisconsin BRRTS # 03-41-551373 & 02-41-543031

Date: June 19, 2012

#### System Description, Purpose and Location

This document is the Maintenance Plan for the sub-slab depressurization system (SSDS) at the above-referenced property. In February, 2011, a SSDS was installed to actively vent sub-slab vapors from beneath the building slab. Sub-slab vapor impacts were primarily related to the chlorinated solvent release (tetrachloroethene, PCE, PERC) at the site. The SSDS suction drop point is located in the southeast corner of the dry cleaner portion of the site building as shown in the attached sketch and photographs.

#### System Design

Final construction specifications are included in the attached report provided by Radon Abatement, Incorporated (RAI). The contact for RAI is Mr. Tom Heine, who can be contacted at (414) 546-3691.

A u-tube monometer was applied to the system to evaluate continued function and is located inside the building above the suction drop point. The attached photograph #4 shows a monometer reading of approximately 1.25 during proper operation.

#### **System Maintenance**

The structural integrity of the floor must be maintained and kept as impermeable as at the time of closure. Any parts requiring repair or replacement must be completed immediately upon discovery of a malfunction. Log the repair activities in the attached inspection log.

The manufacturer's specification sheets for the SSDS fan/blower can be obtained by contacting RAI, if necessary.

#### **Inspection**

The SSDS will be inspected once a year to verify that the active system is operating properly. Inspections will include reading the monometer and identifying if repairs are required for the system. The inspection log to be completed during each event is included. This inspection log must be maintained on-site at all times. If repairs are required during 2 or more successive

inspections, the Wisconsin Department of Natural Resources (WDNR) project manager, Ms. Pamela Mylotta, must be contacted at (414) 263-8758.

#### **Notifications**

Where changes in land or property use or system changes are required to be reported, Ms. Mylotta should be contacted immediately. Her complete information and other pertinent contacts are included in the following section.

#### **Contacts**

Property Owner:

Dorprop, LLC

Mr. Richard Miletto 3516 Crown Boulevard La Crosse, WI 54601 (608) 780-4155

Consultant:

Braun Intertec Corporation

Mr. Mark Gretebeck 2309 Palace Street La Crosse, WI 54603 (608) 781-7277

mgretebeck@braunintertec.com

-or-

**Braun Intertec Corporation** 

Mr. Kevin Nestingen 2309 Palace Street La Crosse, WI 54603 (608) 781-7277

knestingen@braunintertec.com

WDNR:

Wisconsin Department of Natural Resources

Southeast Region Remediation and Redevelopment Program

Ms. Pamela Mylotta

2300 North Dr. Martin Luther King Jr. Drive

Milwaukee, WI 53212-0436

(414) 263-8758

Pamela.Mylotta@wisconsin.gov

SSDS Contact:

Radon Abatement, Inc.

A Division of PT Technologies

Mr. Tom Heine

12221 W. Rockne Avenue

Hales Corners, WI 53130-1758

414-546-3691

radabt@wi.rr.com

www.radonprofessionalcare.com

# RA INC. VAPOR EXTRACTION SPECIALISTS

#### A DIVISION OF PT TECHNOLOGIES

Corporate Office: 12221 West Rockne Avenue Hales Corners, WI 53130

414-546-3691 Facsimile: 414-425-5044 radabt1@wi.rr.com

### REMEDIATION VAPOR EXTRACTION REPORT and INVOICE

Date: 022411 Date of remediation: 021611 Diagnostics

021811 Remediation

022411 Follow-up

Contact:

Kevin Nestingen, EIT

**Braun Intertech Corporation** 

2309 Palance Street

LaCrosse, WI 54603

M: 608-781-7277

C: 608-792-3268

F: 608-781-7279

knestingen@braunintertec.com

Remediation Location: Milwaukee County

3596 N. Oakland Avenue

Shorewood, WI 53211

Dorprop, LLC - One Hour Cleaners

Owners Pamela Mylotte and Richard Miletto

#### REPORT

Communication testing was conducted to determine if good sub-slab depressurization could be achieved. The diagnostics determined that it could be accomplished. Sub-slab evaluation ports were permanently established for follow-up diagnostics. Refer to schematic for communication testing results (pre-remediation and post).

An active functioning system was installed to carry the concentrated product vapors above the eave of the roof of the building.

One suction drop pit was clean drilled to the existing drain tile and/or subsoil; to develop the sub-slab (below the concrete floor slab) suction needed to remediate the building.

4 inch schedule 40 PVC ventilation pipe will be utilized in the entire remediation system.

The ventilation pipe was secured to the internal wall from the drop pit.

The clean drilled penetration was sealed at the ventilation pipe drop.

The main drop was secured at the drop pit and the wall before it exited through a bored hole to the outside of the building.

A vapor ventilation suction fan will be secured on the outside of the building with a fan guard for condensation freezing prevention.

Exhaust pipe exited the fan and was carried up and above the finished roof over ten feet away from any fresh air intakes.

The exhaust pipe was carried forty (40) inches above the finished roof with a 90 degree exhaust discharge to the south-east. The exhaust end was beveled to increase velocity of discharge.

All ventilation and exhaust pipe was secured and tagged as part of the remediation system. The pipe and fan was prepared for any painting the owner may wish to apply to the system.

An electric disconnect was attached to the ventilation fan and gain activation from the main panel box.

A "U" tube manometer was applied to the system to evaluate continued function.

Cold joint and crack sealing with silicone caulk was conducted to increase suction efficiency.

There was an application of stickers to identify the system, the installer and the system's specifics.

Communication tests were performed and assured efficient remediation (refer to schematic).

The entire system will be installed in accordance with USEPA specifications.

The remediation fan carries a manufacturer's five (5) year warranty.

REMEDIATION for Braun Intertech Corporation 3596 N. Oakland Avenue Shorewood, WI 53211 Contact: Kevin Nestingen, EIT

022411

MICROMANOMETER READINGS (Inches of WATER)

MAIN DROP PRE -: 023 TROST =: 751

A-PORT TRE -: 009 TOOT -: 263

B TROST TRE -: 008 POST -: 119

C PORT PRE -: 116 POST -: 211

D PORT PRE -: 006 POST -: 110

RESTAURANT	STALIFY RM	CLEANERS	
		PEMEDIATION DRUP  EXTERIOR FAN AND EXHAUS	<del>-</del>

#### Vapor Mitigation System Inspection and Maintenance Log

One Hour Martinizing
Dorprop LLC
3596 N Oakland Avenue
Shorewood, Wisconsin
WDNR BRRTS #03-41-551373 & 02-41-543031

Notes:

Inspections required once a year

Refer to Vapor Mitigation System Maintenance Plan for inspection requirements

Date	Inspector	Items Inspected	State of System (operating/not operating)	Repairs Needed (Y/N)	Parts Replaced (if any)	Date Follow-up Work Completed
					•	
	-					
	*					
			1001			
		· ·				



Photograph #: ph #: 1 5/24/2011 Date:

Direction:

Inside site building Sub-slab depressurization system suction location Subject:

LC-05-00785

BRAUN INTERTEC



Photograph #: ph #: 2 5/24/2011 Date:

Direction

Inside site building
Exhaust pipe exiting building Subject:

LC-05-00785

BRAUN INTERTEC



Photograph #: 3 Date: 5/24/2011

Direction:

East side of site building Sub-slab depressurization system fan and exhaust pipe Subject:

LC-05-00785

BRAUN INTERTEC



Photograph #: Date: 5/24/ 5/24/2011

Direction: Inside site building Subject: U-tube manometer

LC-05-00785

BRAUN INTERTEC REEL

501Q

IMAGE

2216

STATE BAR OF WISCONSIN FORM 2 - 1982

8024956

Domino Trans a Marine I de	REGISTER'S OFFICE   SS Milwaukee County, WI)
Dorlee, Inc., a Wisconsin Corporation	RECORDED AT 3:42 PM
	02-15-2001
conveys and warrants to . Dorprop, .LLC	WALTER R. BARCZAK REGISTER OF DEEDS
	AMOUNT 10.00
	RETURN TO HEAD
the following described real estate in Milwaukee	Madison, WI 53712
	Tax Parcel No: .276-0170-000

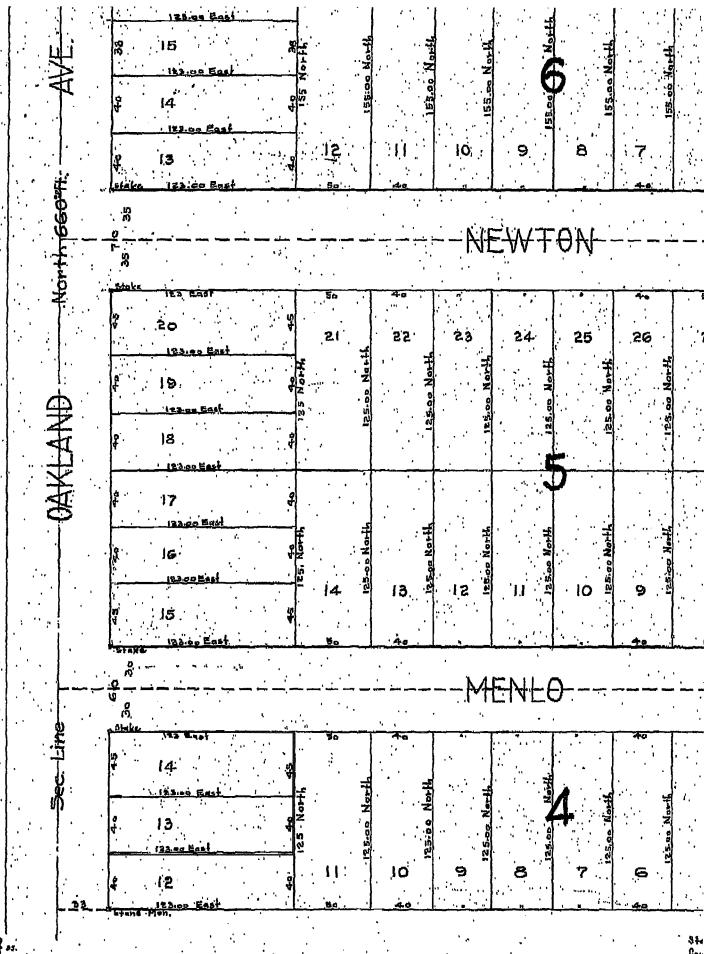
Lots Numbered 13 and 14 in Block Numbered 4, in Hill Crest, being a Subdivision of the North 1/2 of the South West 1/4 of the North West 1/4 of Section Numbered 10, in Township Numbered 7 North, Range Numbered 22 East, in the Village of Shorewood, except the West 7 feet thereof taken for street, in the Village of Shorewood, Milwaukee County, Wisconsin

3592-3596 N. Oakland Avenue, Shorewood, Milwaukee County, Wisconsin, Parcel # 276-0170-000

\$ 945.90

This ...15...not......... homestead property,
(is) (is not)

Exception to warranties: Municipal and zoning ordinances, recorded easements for public utilities, recorded building and use restrictions and covenants, and general taxes levied in the year of closing.



Milwankee jes.

1. 6. Stainhagen, Surveyer, do hereby certify that I have surveyed, and mapped "Hill Court"

Subdivision of the North half of South West Quarter of North West Quarter of Saction, ten (10).

No. Seven (7) North of Range twenty two 22 East, Town and County of Milwankee, State of Wish
the parcel so surveyed and mapping bounded and described as follows towits

Commensing at a point in the West line of said North West Quarker Section ten, thirteen hundred

Wisconsin

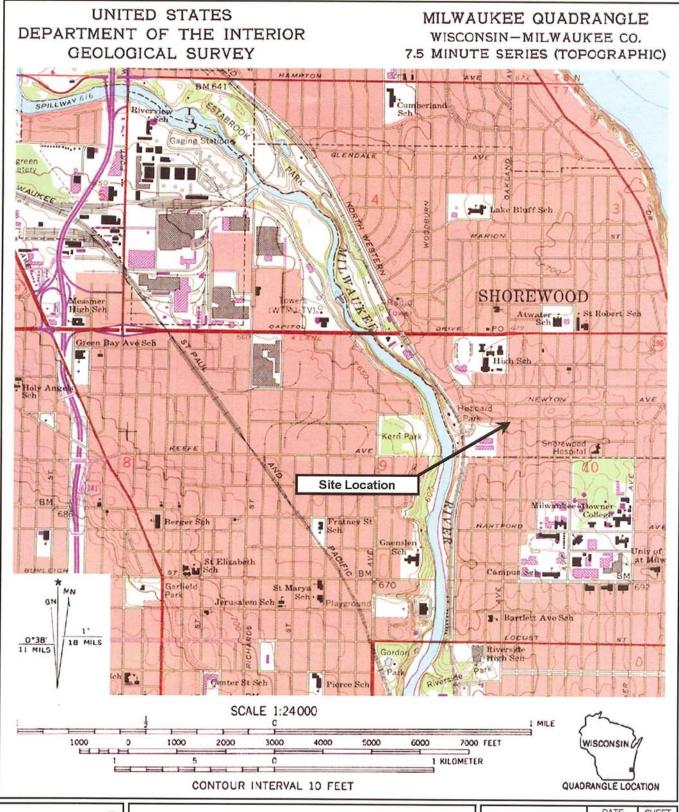
, sur In Re: Geographic Information System Registry for Dorprop LLC – One Hour Martinizing, 3596 N Oakland Avenue, Shorewood, Wisconsin, WDNR BRRTS # 03-41-551373 & 02-41-543031

Regulatory file closure has been requested for the above referenced site. Petroleum and chlorinated solvent impacted soil and groundwater exceeding United States Environmental Protection Agency soil screening levels, WDNR ch. 720 residual contaminant levels (RCLs) and WDNR ch. NR 140 groundwater enforcement standards (ESs) may be still be present beneath the site. Therefore, pursuant to WDNR ch. NR 726, the required Geographic Information System (GIS) registry information must include legal descriptions and/or plat maps. Legal descriptions and/or plat maps must be included for all properties (within or partially within the site's boundaries), which have soil contamination that exceeds the RCLs and/or groundwater contamination that exceeds the ESs at the time closure is requested. Additionally, the GIS registry information must include a statement signed by the responsible party, which states that he or she believes that the legal description has been attached for each property that is within, or partially within, the contaminated site boundary. (The purpose of this requirement is that a legal description for each of the contaminated properties has been submitted. The responsible party is not required to attest to the accuracy of the attached legal descriptions.) Therefore, the following statement has been included:

I, <u>Richard Miletto</u>, representing Dorprop LLC, certify that to the best of my knowledge the legal description has been attached for each property that is within, or partially within, the contaminated site boundary for the Dorprop LLC – One Hour Martinizing site.

Signature

Data



BRAUN INTERTEC

Site Location Map
Phase II Environmental Site Assessment
3596 North Oakland Avenue
Shorewood, Wisconsin

		DATE	SHEET
DRAWN BY:	KLH	6/12/2009	
APP'D BY:	MLG	6/12/2009	OF
JOB NO.	LC-05-00785		
DWG. NO.		FIGURE NO.	
SCALE		1	1

MW-5-⊕

11001 Hampshire Avenue Sc Minneapolis, MN 55438 PH. (952) 995-2000 FAX (952) 995-2020

JTILITY LAYOUT M.
SITE INVESTIGATION
DORPROP, LLC
S NORTH OAKLAND AV.

DENOTES APPROXIMATE LOCATION OF SOIL BORING

 DENOTES APPROXIMATE LOCATION OF GEOPROBE BORING

DENOTES APPROXIMATE LOCATION OF MONITORING WELL

DENOTES APPROXIMATE LOCATION
 OF PIEZOMETER

**POWER LINES** 



10'± 0 20'± SCALE: 1" = 20'± Project No: LC0500785

Drawing No: LC0500785

 Scale:
 1"= 20"±

 Drawn By:
 BJB

 Date Drawn:
 1/17/08

 Checked By:
 KDN

 Last Modified:
 11/23/11

Sheet: Fig: 2



CHLORINATED SOLVENT SOIL CONCENTRATION MAP CLOSURE REQUEST SUBMITTAL DORPROP, LLC 3596 NORTH OAKLAND AVENUE SHOREWOOD, WISCONSIN

Project No: LC0500785

OR MORE EPA SOIL SCREENING LEVEL

SCALE: 1" = 20'±

20'±

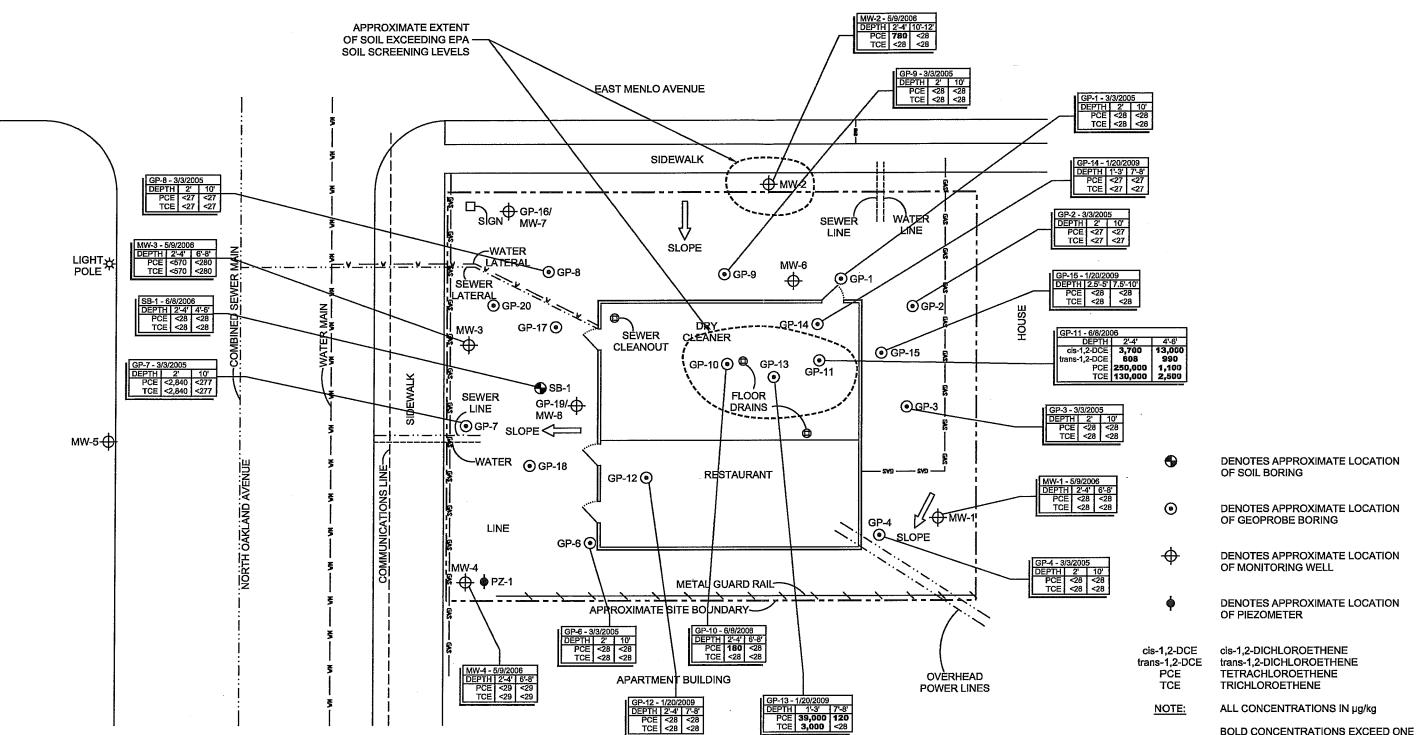
10'±

Drawing No:

LC0500785

1"= 20'± Drawn By: Date Drawn: 1/17/08 Checked By: KDN Last Modified: 3/27/12

3





Project No:

Drawing No:

Scale:

Drawn By:

Checked By:

Last Modified:

of

LC1008236

LC0500785

AS SHOWN

BJB 1/17/08

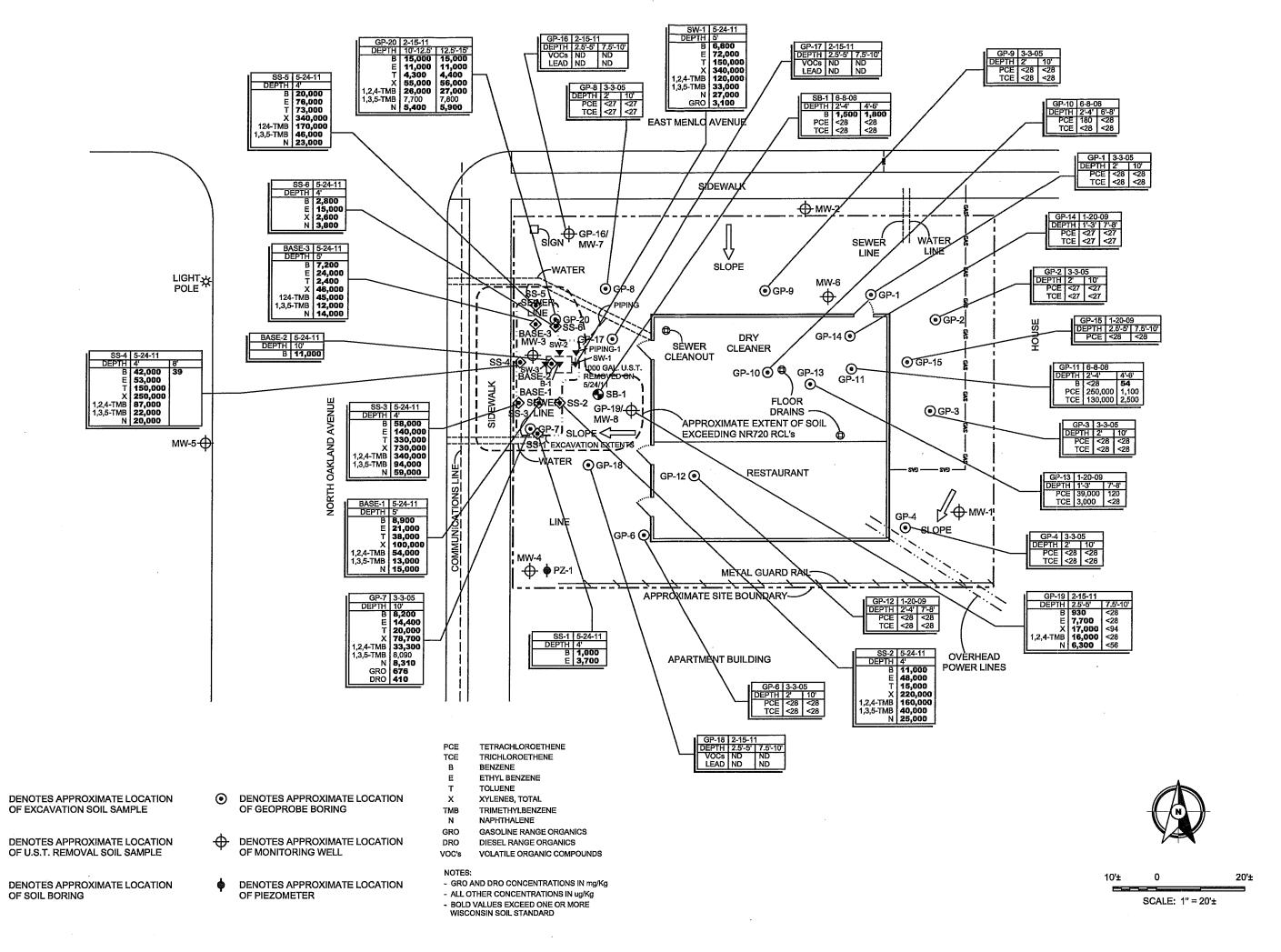
9/26/11



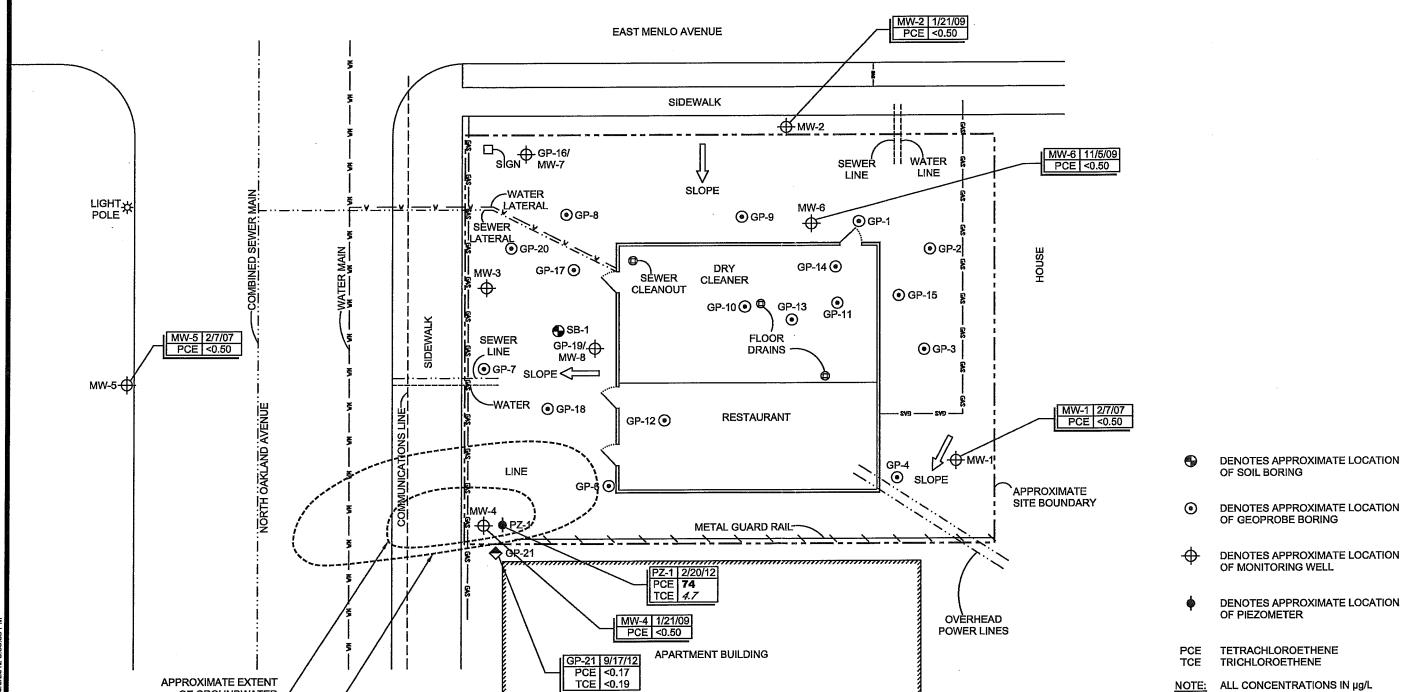
11001 Hampshire Avenue So.

Minneapolis, MN 55438 PH, (952) 995-2000

FAX (952) 995-2020



11001 Hampshire Avenue So. Minneapolis, MN 55438 PH. (952) 995-2000 FAX (952) 995-2020



APPROXIMATE EXTENT

OF GROUNDWATER -**EXCEEDING NR140ES** 

> APPROXIMATE EXTENT OF GROUNDWATER -

**EXCEEDING NR140PAL** 

- DENOTES APPROXIMATE LOCATION
- DENOTES APPROXIMATE LOCATION
- **DENOTES APPROXIMATE LOCATION**

NOTE: ALL CONCENTRATIONS IN μg/L



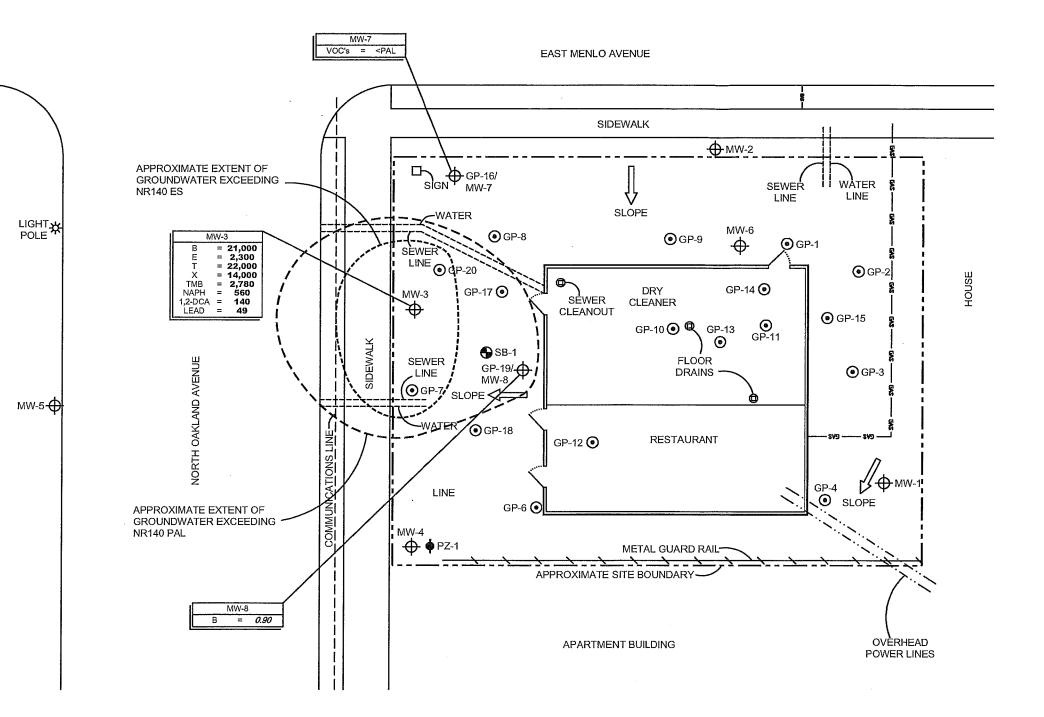
10'± 20'± SCALE: 1" = 20'±

Project No: LC0500785

Drawing No: LC0500785

Scale: 1"= 20'± Drawn By: 1/17/08 KDN Date Drawn: Checked By: 9/24/12 Last Modified:

Minneapolis, MN 55438 PH. (952) 995-2000 FAX (952) 995-2020



DENOTES APPROXIMATE LOCATION OF SOIL BORING

DENOTES APPROXIMATE LOCATION OF GEOPROBE BORING

DENOTES APPROXIMATE LOCATION OF MONITORING WELL

DENOTES APPROXIMATE LOCATION OF PIEZOMETER

BENZENE

ETHYL BENZENE

TOLUENE

X XYLENES, TOTAL

TMB TRIMETHYLBENZENES

(1,2,4- and 1,3,5- COMBINED)

NAPH NAPHTHALENE

1,2-DCA 1,2-DICHLOROETHANE

<PAL CONCENTRATION LESS THAN NR140 PREVENTATIVE ACTION LIMIT (PAL)

#### NOTES:

0

- ALL CONCENTRATIONS IN ug/L
- BOLD VALUES EXCEED NR140
- ENFORCEMENT STANDARDS (ES)
- ITALICIZED VALUES EXCEED NR140 PREVENTATIVE ACTION LIMIT (PAL)



10'± 0 20'± SCALE: 1" = 20'± Project No: LC1008236

Drawing No: LC0500785

Scale:	1"= 20
Drawn By:	BJ
Date Drawn:	1/17/0
Checked By:	KD
Last Modified:	7/21/1

eet: Fig: 6

 $\Phi$ 

DENOTES APPROXIMATE LOCATION OF MONITORING WELL



DENOTES APPROXIMATE LOCATION OF PIEZOMETER

- GROUNDWATER CONTOUR ELEVATION (FT.)

[88.89] GROUNDWATER ELEVATION (FT.)



10'± 0 20'± SCALE: 1" = 20'± INTERTEC

1001 Hampshire Avenue S
Minneapolis, MN 55438
PH. (952) 995-2000
FAX (952) 995-2020

GROUNDWATER CONTOUR MAP (5-23-11)
DORPROP, LLC
3596 NORTH OAKLAND AVENUE
SHOREWOOD, WISCONSIN

Project No: LC1008236

LC 10062

Drawing No: LC0500785

 Scale:
 1"= 20

 Drawn By:
 BJ

 Date Drawn:
 1/17/C

 Checked By:
 KD

 Last Modified:
 7/21/1

neet: Fig: 7

Table 11 (Page 1 of 7) GIS Soil Analytical Table

	GP-1	GP-2	GP-3	GP-4	GP-6	GP-8	GP-9			
PARAMETER (µg/kg):	3/3/2005	3/3/2005	3/3/2005	3/3/2005	3/3/2005	3/3/2005	3/3/2005	NR720	NR746.06	NR746.06
·	2.0 feet	RCLs <sup>1</sup>	Table 1 <sup>2</sup>	Table 2 <sup>3</sup>						
Benzene	<28	<27	<28	<28	<28	<28	<28	5.5	8,500	1,100
sec-Butylbenzene	<28	<27	<28	<28	<28	210	<28	NS	NS	NS
Dichlorodifluoromethane	<56	<54	<56	<55	<56	<55	<55	NS	NS	NS
Ethylbenzene	<28	<27	<28	<28	<28	<28	<28	2,900	4,600	NS
Isopropylbenzene	<28	<27	<28	<28	<28	310	<28	NS	NS	NS
p-Isopropyltoluene	<28	<27	<28	<28	<28	41	<28	NS	NS	NS
Naphthalene	<56	<54	<56	<55	<56	387	<55	NS	2,700	NS
n-Propylbenzene	<28	<27	<28	<28	<28	542	<28	NS	NS	NS
Tetrachloroethene	<28	<27	<28	<28	<28	<28	<28	NS	NS	NS
Toluene	<28	<27	<28	<28	<28	<28	<28	1,500	38,000	NS
Trichloroethene	<28	<27	<28	<28	<28	<28	<28	NS	NS	NS
1,2,4-Trimethylbenzene	<28	<27	<28	<28	<28	35	<28	NS	8,300	NS
1,3,5-Trimethylbenzene	<28	<27	<28	<28	<28	<28	<28	NS	11,000	NS
Xylenes, Total	<39	<38	<39	<39	<39	44	<39	4,100	4,200	NS
GRO (mg/kg)	NA	100	NS	NS						
DRO (mg/kg)	NA	100	NS	NS						

#### Notes:

Sources for Wisconsin soil standards:

BOLD values exceed one or more Wisconsin Soil Standards or represent elevated detections

NS - No Wisconsin Soil Standards have been established

<sup>-</sup> Wisconsin Administrative Code, Chapter NR720, Table 1 and Table 2, Residual Contaminant Levels

<sup>&</sup>lt;sup>2</sup> - Wisconsin Administrative Code, Chapter NR746, Table 1 - Indicators of Residual Petroleum Product in Soil Pores

<sup>&</sup>lt;sup>3</sup> - Wisconsin Administrative Code, Chapter NR746, Table 2 - Protection of Human Health from Direct Contact with Contaminated Soil

Table 11 (Page 2 of 7) GIS Soil Analytical Table

	GP-1	GP-2	GP-3	GP-4	GP-6	GP-7	GP-8	GP-9			
PARAMETER (µg/kg):	3/3/2005	3/3/2005	3/3/2005	3/3/2005	3/3/2005	3/3/2005	3/3/2005	3/3/2005	NR720	NR746.06	NR746.06
	10.0 feet	RCLs <sup>1</sup>	Table 1 <sup>2</sup>	Table 2 <sup>3</sup>							
Benzene	<28	<27	<28	<28	<28	8,200	<27	<28	5.5	8,500	1,100
sec-Butylbenzene	<28	<27	<28	<28	<28	732	<27	<28	NS	NS	NS
Dichlorodifluoromethane	<55	<55	58	<55	<56	<554	<55	<55	NS	NS	NS
Ethylbenzene	<28	<27	<28	<28	<28	14,400	<27	<28	2,900	4,600	NS
Isopropylbenzene	<28	<27	<28	<28	<28	1,220	<27	<28	NS	NS	NS
p-Isopropyltoluene	<28	<27	<28	<28	<28	299	<27	<28	NS	NS	NS
Naphthalene	66	<55	<55	<55	<56	8,310	<55	<55	NS	2,700	NS
n-Propylbenzene	30	<27	<28	<28	<28	5,320	<27	<28	NS	NS	NS
Tetrachloroethene	<28	<27	<28	<28	<28	<277	<27	<28	NS	NS	NS
Toluene	<28	<27	<28	<28	<28	20,000	<27	<28	1,500	38,000	NS
Trichloroethene	<28	<27	<28	<28	<28	<277	<27	<28	NS	NS	NS
1,2,4-Trimethylbenzene	133	<27	<28	<28	<28	33,300	47	52	NS	8,300	NS
1,3,5-Trimethylbenzene	<28	<27	<28	<28	<28	8,090	<27	<28	NS	11,000	NS
Xylenes, Total	<39	<38	<39	<39	<39	78,700	<38	<39	4,100	4,200	NS
GRO (mg/kg)	NA	NA	NA	NA	NA	676	NA	NA	100	NS	NS
DRO (mg/kg)	NA	NA	NA	NA	NA	410	NA	NA	100	NS	NS

### Notes:

Sources for Wisconsin soil standards:

BOLD values exceed one or more Wisconsin Soil Standards or represent elevated detections

NS - No Wisconsin Soil Standards have been established

<sup>&</sup>lt;sup>1</sup> - Wisconsin Administrative Code, Chapter NR720, Table 1 and Table 2, Residual Contaminant Levels (metals standards are Industrial)

<sup>&</sup>lt;sup>2</sup> - Wisconsin Administrative Code, Chapter NR746, Table 1 - Indicators of Residual Petroleum Product in Soil Pores

<sup>&</sup>lt;sup>3</sup> - Wisconsin Administrative Code, Chapter NR746, Table 2 - Protection of Human Health from Direct Contact with Contaminated Soil

Table 11 (Page 3 of 7) GIS Soil Analytical Table

	MW-1	MW-1	MW-2	MW-2	MW-4	MW-4				EPA Soil	EPA Soil	EPA Soil
PARAMETER (mg/kg):	5/9/2006	5/9/2006	5/9/2006	5/9/2006	5/9/2006	5/9/2006	NR720	NR746.06	NR746.06	Screening Level	Screening Level	Screening Level
	2 - 4 feet	6 - 8 feet	2 - 4 feet	10 - 12 feet	2 - 4 feet	6 - 8 feet	$RCLs^1$	Table 1 <sup>2</sup>	Table 2 <sup>3</sup>	Inhalation - Volatiles <sup>4</sup>	Ingestion <sup>5</sup>	Soil to Groundwater <sup>6</sup>
Benzene	<0.028	< 0.028	< 0.028	<0.028	< 0.027	0.067	0.0055	8.5	1.1	-	_	-
sec-Butylbenzene	< 0.028	< 0.028	< 0.028	<0.028	< 0.029	< 0.028	NS	NS	NS	-	_	-
cis-1,2-Dichloroethene	< 0.028	< 0.028	< 0.028	< 0.028	< 0.029	< 0.028	NS	NS	NS	-	-	-
Ethylbenzene	<0.028	< 0.028	< 0.028	<0.028	< 0.029	0.13	2.9	4.6	NS	-	_	-
Isopropylbenzene	<0.028	< 0.028	< 0.028	<0.028	< 0.029	< 0.028	NS	NS	NS	-	-	-
p-Isopropyltoluene	< 0.028	< 0.028	< 0.028	<0.028	< 0.029	< 0.028	NS	NS	NS	-	_	-
Napthalene	< 0.056	< 0.056	< 0.056	<0.055	0.16	0.069	NS	2.7	NS		-	-
n-Propylbenzene	<0.028	< 0.028	< 0.028	<0.028	< 0.029	0.036	NS	NS	NS	-	-	_
Tetrachloroethene	<0.028	< 0.028	0.78	<0.028	< 0.029	< 0.028	NS	NS	NS	1.9	1.23	0.0041
Toluene	<0.028	< 0.028	< 0.028	<0.028	< 0.029	0.31	1.5	38	NS	-	-	-
1,2,4-Trimethylbenzene	<0.028	< 0.028	< 0.028	<0.028	0.036	0.36	NS	83	NS	-	-	-
1,3,5-Trimethylbenzene	<0.028	< 0.028	<0.028	< 0.028	< 0.029	0.072	NS	11	NS	-	-	-
Xylenes, Total	<0.095	< 0.095	<0.096	< 0.094	< 0.098	0.72	4.1	4.2	NS	_	-	-
GRO	NA	NA	NA	NA	NA	NA	100	NS	NS	-	-	-
DRO	NA	NA	NA	NA	NA	NA	100	NS	NS		-	_

#### Notes:

Sources for Wisconsin soil standards:

- <sup>1</sup> Wisconsin Administrative Code, Chapter NR720, Table 1 and Table 2, Residual Contaminant Levels (metals standards are Industrial)
- <sup>2</sup> Wisconsin Administrative Code, Chapter NR746, Table 1 Indicators of Residual Petroleum Product in Soil Pores
- 3 Wisconsin Administrative Code, Chapter NR746, Table 2 Protection of Human Health from Direct Contact with Contaminated Soil
- <sup>4</sup> United States Environmental Protection Agency Generic Soil Screening Level for the Inhalation of Volatiles based on the web calculator
- 5 United States Environmental Protection Agency Generic Soil Screening Level for Ingestion (Non-Industrial Direct-Contact RCL) based on the web calculator
- 6 United States Environmental Protection Agency Generic Soil Screening Level for Groundwater Protection (Groundwater RCL) based on the web calculator

BOLD values exceed one or more Wisconsin Soil Standards

NS - No Wisconsin Soil Standards have been established

Table 11 (Page 4 of 7) GIS Soil Analytical Table

	GP-10	GP-10	GP-11	GP-11	SB-1	SB-1				EPA Soil	EPA Soil	EPA Soil
PARAMETER (µg/kg):	6/8/2006	6/8/2006	6/8/2006	6/8/2006	6/8/2006	6/8/2006	NR720	NR746.06	NR746.06	Screening Level	Screening Level	Screening Level
	2-4 feet	6-8 feet	2-4 feet	4-6 feet	2-4 feet	4-6 feet	$RCLs^1$	Table 12	Table 2 <sup>3</sup>	Inhalation - Volatiles <sup>4</sup>	Ingestion <sup>5</sup>	Soil to Groundwater <sup>6</sup>
Benzene	<28	<28	<28	54	1,500	1,800	5.5	8,500	1,100	-	-	_
sec-Butylbenzene	<28	<28	<28	<28	66	96	NS	NS	NS	-	-	_
1,2-Dichlorobenzene	<28	<28	82	<28	<28	<28	NS	NS	NS	-	-	
Dichlorodifluoromethane	<55	<55	<56	<56	<56	<56	NS '	NS	NS	-	-	
1,1-Dichloroethane	<28	<28	<28	54	<28	<28	NS	NS	NS	-	_	
cis-1,2-Dichloroethene	<28	<28	3,700	13,000	<28	<28	NS	NS	NS	NS	156,000	27
trans-1,2-Dichloroethene	<28	<28	680	990	<28	<28	NS	NS	NS	NS	313,000	98
Ethylbenzene	<28	<28	130	<28	1,400	420	2,900	4,600	NS	-	-	-
Isopropylbenzene	<28	<28	120	<28	400	200	NS	NS	NS	-	_	-
p-Isopropyltoluene	<28	<28	<28	<28	37	34	NS	NS	NS	-	_	-
Naphthalene	<55	<28	66	<56	550	560	NS	2,700	NS	-	-	-
n-Propylbenzene	<28	<28	79	<28	1,300	840	NS	NS	NS	-	_	-
Tetrachloroethene	180	<28	250,000	1,100	<28	<28	NS	NS	NS	1,900	1,230	4.1
Toluene	<28	<28	73	<28	170	42	1,500	38,000	NS	-	-	•
Trichloroethene	<28	<28	130,000	2,500	<28	<28	NS	NS	NS	850	5,810	3.7
1,2,4-Trimethylbenzene	<28	<28	280	<28	42	480	NS	8,300	NS	-	-	-
1,3,5-Trimethylbenzene	<28	<28	56	<28	240	420	NS	11,000	NS	_	-	-
Vinyl chloride	<39	<39	<39	<39	<39	<39	NS	NS	NS	52	46.5	0.13
Xylenes, Total	<94	<94	230	<95	340	640	4,100	4,200	NS	_	-	-
GRO (mg/kg)	NA	NA	NA	NA	NA	NA	100	100	NS	-	-	-
DRO (mg/kg)	NA	NA	NA	NA	NA	NA	100	100	NS		-	-

#### Notes:

Sources for Wisconsin soil standards:

- 1 Wisconsin Administrative Code, Chapter NR720, Table 1 and Table 2, Residual Contaminant Levels (metals standards are Industrial)
- <sup>2</sup> Wisconsin Administrative Code, Chapter NR746, Table 1 Indicators of Residual Petroleum Product in Soil Pores
- <sup>3</sup> Wisconsin Administrative Code, Chapter NR746, Table 2 Protection of Human Health from Direct Contact with Contaminated Soil
- <sup>4</sup> United States Environmental Protection Agency Generic Soil Screening Level for the Inhalation of Volatiles based on the web calculator
- <sup>5</sup> United States Environmental Protection Agency Generic Soil Screening Level for Ingestion (Non-Industrial Direct-Contact RCL) based on the web calculator
- <sup>6</sup> United States Environmental Protection Agency Generic Soil Screening Level for Groundwater Protection (Groundwater RCL) based on the web calculator BOLD values exceed one or more Wisconsin Soil Standards or represent elevated detections

NS - No Wisconsin Soil Standards have been established

Table 11 (Page 5 of 7) GIS Soil Analytical Table

	GP-12	GP-12	GP-13	GP-13	GP-14	GP-14	GP-15	GP-15				EPA Soil	EPA Soil	EPA Soil
PARAMETER (µg/kg):	1/20/2009	1/20/2009	1/20/2009	1/20/2009	1/20/2009	1/20/2009	1/20/2009	1/20/2009	NR720	NR746.06	NR746.06	Screening Level	Screening Level	Screening Level
	2-4 feet	7-8 feet	1-3 feet	7-8 <b>f</b> eet	1-3 feet	7-8 feet	2.5-5 feet	7.5-10 feet	RCLs <sup>1</sup>	Table 12	Table 2 <sup>3</sup>	Inhalation - Volatiles <sup>4</sup>	Ingestion <sup>5</sup>	Soil to Groundwater <sup>6</sup>
Benzene	<28	<28	<28	<28	<27	<27	<28	<28	5.5	8,500	1,100			
sec-Butylbenzene	<28	<28	<28	<28	<27	<27	<28	<28	NS	NS	NS			
1,2-Dichlorobenzene	<28	<28	<28	<28	<27	<27	<28	<28	NS	NS	NS	_	-	-
Dichlorodifluoromethane	<56	<55	<55	<55	<55	<55	<55	<55	NS	NS	NS		_	
1,1-Dichloroethane	<28	<28	<28	<28	<27	<27	<28	<28	NS	NS	NS		_	
cis-1,2-Dichloroethene	<28	<28	410	<28	<27	<27	<28	<28	NS	NS	NS	NS	156,000	27
trans-1,2-Dichloroethene	<28	<28	48	<28	<27	<27	<28	<28	NS	NS	NS	NS	313,000	98
Ethylbenzene	36	<28	<28	<28	<27	<27	<28	<28	2,900	4,600	NS	-	515,000	
Isopropylbenzene	<28	<28	<28	<28	<27	<27	<28	<28	NS	NS	NS			
p-Isopropyltoluene	<28	<28	<28	<28	<27	<27	<28	<28	NS	NS	NS	-		
Naphthalene	<56	<55	<55	<55	<55	<55	<55	59	NS	2,700	NS		_	
n-Propylbenzene	<28	<28	<28	<28	<27	<27	<28	<28	NS	NS	NS	-		-
Tetrachloroethene	<28	<28	39,000	120	<27	<27	<28	<28	NS	NS	NS	1,900	1,230	4.1
Toluene	<28	<28	<28	<28	<27	<27	<28	<28	1,500	38,000	NS	2,500		
Trichloroethene	<28	<28	3,000	<28	<27	<27	<28	<28	NS	NS	NS	850	5,810	3.7
1,2,4-Trimethylbenzene	69	<28	<28	<28	<27	70	<28	40	NS	8,300	NS	-		
1,3,5-Trimethylbenzene	<28	<28	<28	<28	<27	<27	<28	<28	NS	11,000	NS	-	-	
Vinyl chloride	<40	<39	<39	<39	<38	<38	<39	<39	NS	NS	NS	52	46,5	0.13
Xylenes, Total	<96	<94	<94	<94	<93	<93	<94	<94	4,100	4,200	NS	-	-	- 0.15

### Notes:

Sources for Wisconsin soil standards:

- 1 Wisconsin Administrative Code, Chapter NR720, Table 1 and Table 2, Residual Contaminant Levels (metals standards are Industrial)
- <sup>2</sup> Wisconsin Administrative Code, Chapter NR746, Table 1 Indicators of Residual Petroleum Product in Soil Pores
- <sup>3</sup> Wisconsin Administrative Code, Chapter NR746, Table 2 Protection of Human Health from Direct Contact with Contaminated Soil
- <sup>4</sup> United States Environmental Protection Agency Generic Soil Screening Level for the Inhalation of Volatiles based on the web calculator
- <sup>5</sup> United States Environmental Protection Agency Generic Soil Screening Level for Ingestion (Non-Industrial Direct-Contact RCL) based on the web calculator
- <sup>6</sup> United States Environmental Protection Agency Generic Soil Screening Level for Groundwater Protection (Groundwater RCL) based on the web calculator

BOLD values exceed one or more Wisconsin Soil Standards or represent elevated detections

NS - No Wisconsin Soil Standards have been established

Table 11 (Page 6 of 7) GIS Soil Analytical Table

	GP-16	GP-16	GP-17	GP-17	GP-18	GP-18	GP-19	GP-19	GP-20	GP-20			
PARAMETER (µg/kg):	2/15/2011	2/15/2011	2/15/2011	2/15/2011	2/15/2011	2/15/2011	2/15/2011	2/15/2011	2/15/2011	2/15/2011	NR720	NR746.06	NR746.06
	2.5 - 5 feet	7.5 - 10 feet	2.5 - 5 feet	7.5 - 10 feet	2.5 - 5 feet	7.5 - 10 feet	2.5 - 5 feet	7.5 - 10 feet		12.5 - 15 feet	RCLs <sup>1</sup>	Table 1 <sup>2</sup>	Table 2 <sup>3</sup>
Benzene	<27	<27	<28	<28	<28	<28	930	<28	15,000	15,000	5.5	8,500	1,100
n-Butylbenzene	<27	<27	<28	<28	<28	<28	1,900	<28	2,100	2,300	NS	NS	NS
sec-Butylbenzene	<27	<27	<28	<28	<28	<28	440	<28	440	430	NS	NS	NS
1,2-Dichlorobenzene	<27	<27	<28	<28	<28	<28	<28	<28	<110	<110	NS	NS	NS
1,2-Dichloroethane	<27	<27	<28	<28	<28	<28	<28	<28	<110	<110	4.9	600	540
Dichlorodifluoromethane	<55	<55	<56	<55	<57	<55	<56	<56	<220	<220	NS	NS	NS
1,1-Dichloroethane	<27	<27	<28	<28	<28	<28	<28	<28	<110	<110	NS	NS	NS
cis-1,2-Dichloroethene	<27	<27	<28	<28	<28	<28	<28	<28	<110	<110	NS	NS	NS
trans-1,2-Dichloroethene	<27	<27	<28	<28	<28	<28	<28	<28	<110	<110	NS	NS	NS
Ethylbenzene	<27	<27	<28	<28	<28	<28	7,700	<28	11,000	11,000	2,900	4,600	NS
Isopropylbenzene	<27	<27	<28	<28	<28	<28	890	<28	990	980	NS	NS	NS
p-Isopropyltoluene	<27	<27	<28	<28	<28	<28	200	<28	250	270	NS	NS	NS
Naphthalene	<55	<55	<56	<55	<57	<55	6,300	<56	5,400	5,900	NS	2,700	NS
n-Propylbenzene	<27	<27	<28	<28	<28	<28	3,800	<28	4,500	4,500	NS	NS	NS
Tetrachloroethene	<27	<27	<28	<28	<28	<28	<28	<28	<110	<110	NS	NS	NS
Toluene	<27	<27	<28	<28	<28	<28	76	<28	4,300	4,400	1,500	38,000	NS
Trichloroethene	<27	<27	<28	<28	<28	<28	<28	<28	<110	<110	NS	NS	NS
1,2,4-Trimethylbenzene	<27	<27	<28	<28	<28	<28	16,000	<28	26,000	27,000	NS	8,300	NS
1,3,5-Trimethylbenzene	<27	<27	<28	<28	<28	<28	4,900	<28	7,700	7,800	NS	11,000	NS
Vinyl chloride	<38	<38	<39	<39	<40	<39	<39	<39	<150	<160	NS	NS	NS
Xylenes, Total	<93	<93	<96	<94	<96	<94	17,000	<94	55,000	56,000	4,100	4,200	NS
Lead (mg/kg)	<16.4	<16.4	<16.9	<16.6	<17.0	<16.5	<16.9	<16.5	<16.5	<16.7	50	NS	NS

### Notes:

Sources for Wisconsin soil standards:

BOLD values exceed one or more Wisconsin Soil Standards or represent elevated detections

NS - No Wisconsin Soil Standards have been established

<sup>1 -</sup> Wisconsin Administrative Code, Chapter NR720, Table 1 and Table 2, Residual Contaminant Levels (metals standards are non-Industrial)

<sup>&</sup>lt;sup>2</sup> - Wisconsin Administrative Code, Chapter NR746, Table 1 - Indicators of Residual Petroleum Product in Soil Pores

<sup>&</sup>lt;sup>3</sup> - Wisconsin Administrative Code, Chapter NR746, Table 2 - Protection of Human Health from Direct Contact with Contaminated Soil

Table 11 (Page 7 of 7) GIS Soil Analytical Table

PARAMETER (μg/kg):	SS-1 5/24/2011	SS-2 5/24/2011	SS-3 5/24/2011	Base-1 5/24/2011	Base-2 5/24/2011	SS-4 5/24/2011	SS-4 5/24/2011	SS-5 5/24/2011	SS-6 5/24/2011	Base-3 5/24/2011	NR720	NR746.06	NR746.06
., 0	4 feet	4 feet	4 feet	5 feet	10 feet	4 feet	8 feet	4 feet	4 feet	5 feet	RCLs <sup>1</sup>	Table 1 <sup>2</sup>	Table 2 <sup>3</sup>
Benzene	1,000	11,000	58,000	8,900	11,000	42,000	39	20,000	2,800	7,200	5.5	8,500	1,100
Ethylbenzene	3,700	48,000	140,000	21,000	39	53,000	66	76,000	15,000	24,000	2,900	4,600	NS
Methyl tert-Butyl Ether	270	11,000	24,000	4,600	100	5,500	<110	23,000	2,000	6,600	NS	NS	NS
Naphthalene	410	25,000	59,000	15,000	82	20,000	.93	23,000	3,800	14,000	NS	2,700	NS
Toluene	160	15,000	330,000	38,000	34	150,000	170	73,000	430	2,400	1,500	38,000	NS
1,2,4-Trimethylbenzene	91	160,000	340,000	54,000	80	87,000	100	170,000	1,100	45,000	NS	8,300	NS
1,3,5-Trimethylbenzene	130	40,000	94,000	13,000	<110	22,000	<110	46,000	210	12,000	NS	11,000	NS
Xylenes, Total	720	220,000	730,000	100,000	<330	250,000	220	340,000	2,600	46,000	4,100	4,200	NS

### Notes:

Sources for Wisconsin soil standards:

BOLD values exceed one or more Wisconsin Soil Standards or represent elevated detections

NS - No Wisconsin Soil Standards have been established

<sup>1 -</sup> Wisconsin Administrative Code, Chapter NR720, Table 1 and Table 2, Residual Contaminant Levels (metals standards are non-Industrial)

<sup>&</sup>lt;sup>2</sup> - Wisconsin Administrative Code, Chapter NR746, Table 1 - Indicators of Residual Petroleum Product in Soil Pores

<sup>&</sup>lt;sup>3</sup> - Wisconsin Administrative Code, Chapter NR746, Table 2 - Protection of Human Health from Direct Contact with Contaminated Soil

Table 2

MW-1 Groundwater Analytical Results (concentrations are in μg/L)

Pate	Romene	No. Carlotte	Jihonge California	and Christian	Ethymen.	an Midwing	on Design	Papulane Papulane	or Million dry	Tetracho.	Toulene Toullene	Trinemps.	(pailing) solution (complied)	Testo,
NR 140 ES <sup>1</sup>	5	NS	3	70	700	NS	NS	100	NS	5	1,000	480	10,000	
NR 140 PAL <sup>2</sup>	0.5	NS	0.3	7	140	NS	NS	10	NS	0.5	200	96	1,000	
5/10/2006	<0.20	<0.25	<0.20	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.50	<0.20	<0.40	<0.50	
8/22/2006	<0.20	<0.25	0.36*	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.50	<0.20	<0.40	<0.50	
11/1/2006	<0.20	<0.25	<0.20	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.50	<0.20	<0.40	<0.50	
2/1/2007	<0.20	<0.25	<0.20	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.50	0.21*	<0.40	<0.50	

### Notes:

NS = Standard Not Established

Sources for Wisconsin groundwater standards:

BOLD values exceed NR140 ES

<sup>&</sup>lt;sup>1</sup> - Wisconsin Administrative Code, Chapter NR140 Groundwater Enforcement Standards (ES)

<sup>&</sup>lt;sup>2</sup> - Wisconsin Administrative Code, Chapter NR140 Groundwater Preventive Action Limits (PALs)

<sup>\*</sup> Concentration is an estimated value and is less than the reporting (quantifiable) limit

Table 3

## MW-2 Groundwater Analytical Results (concentrations are in µg/L)

Pare	Henrene	Sec. Hugh	No disposition of the state of	944 July 1946	Ethymen Change	lomony.	Prigning.	Naphanen.	ar Million dry	Perence Comments	Toulene	Trinhing	Tringen Pr.	Sylenes, 7	Tout I
NR 140 ES <sup>1</sup>	5	NS	3	70	700	NS	NS	100	NS	5	1,000	5	480	10,000	
NR 140 PAL <sup>2</sup>	0.5	NS	0.3	7	140	NS	NS	10	NS	0.5	200	0.5	96	1,000	
5/10/2006	<0.20	<0.25	<0.20	1.9	<0.50	<0.20	<0.20	<0.25	<0.50	< 0.50	<0.20	<0.20	<0.40	<0.50	
8/22/2006	<0.20	<0.25	0.20*	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.50	<0.20	<0.20	<0.40	<0.50	
11/1/2006	<0.20	<0.25	<0.20	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.50	<0.20	0.25*	<0.40	<0.50	
2/1/2007	<0.20	<0.25	<0.20	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.50	0.22*	<0.20	<0.40	<0.50	
1/21/2009	<0.20	<0.25	<0.30	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.50	<0.50	<0.20	<0.40	<0.50	

### Notes:

NS = Standard Not Established

Sources for Wisconsin groundwater standards:

BOLD values exceed NR140 ES

<sup>&</sup>lt;sup>1</sup> - Wisconsin Administrative Code, Chapter NR140 Groundwater Enforcement Standards (ES)

Wisconsin Administrative Code, Chapter NR140 Groundwater Preventive Action Limits (PALs)
 \* Concentration is an estimated value and is less than the reporting (quantifiable) limit

Table 4

### MW-3 Groundwater Analytical Results (concentrations are in µg/L)

John John	Parame	Section 1	alling and a second	ome Carlotte	of the state of th	Ethillian	in the state of th	and and a second	Nothing	a Michigan	Terrentu.	Tomene Tomene	Trinemin.	Parting Subalisary	hear Minder	en len	
NR 140 ES <sup>1</sup>	5	NS	3	5	70	700	NS	NS	100	NS	5	1,000	480	10,000	NS	15	1
NR 140 PAL <sup>2</sup>	0.5	NS	0.3	0.5	7	140	NS	NS	10	NS	0.5	200	96	1,000	NS	1.5	
5/10/2006	1,500	6.8	<0.20	<0.50	<0.50	460	31	5	97	120	<0.50	2,300	1,010	2,400	ND	NA	
8/22/2006	100	<0.25	0.67	2.1	<0.50	13	0.63*	<0.20	3.4	2.3	<0.50	100	21.3	67	ND	NA	
11/1/2006	22,000	<62	<50	<120	<120	3,000	120	<50	840	360	<120	26,000	3,480	15,000	ND	NA	i I
2/1/2007	20,000	<120	<100	<250	<250	2,500	120	<100	820	380	<120	24,000	3,780	14,000	ND	NA	
2/16/2011	18,000	<80	<96	<160	<160	2,500	130	<64	1,000	480	<160	19,000	5,300	16,000	ND	NA	
5/23/2011	21,000	<500	<500	140	<500	2,300	75	<500	560	240	<500	22,000	2,780	14,000	65	49	

Notes:

NS = Standard Not Established

NA = Not Analyzed

Sources for Wisconsin groundwater standards:

BOLD values exceed NR140 ES

Wisconsin Administrative Code, Chapter NR140 Groundwater Enforcement Standards (ES)
 Wisconsin Administrative Code, Chapter NR140 Groundwater Preventive Action Limits (PALs)
 \* Concentration is an estimated value and is less than the reporting (quantifiable) limit

Table 5

# MW-4 Groundwater Analytical Results (concentrations are in μg/L)

Ding	Benneng	Pochuo.	Junian Contraction of the Contra	out Cr. Y. Sp.	Ethymens.	way Million May 1	out of the state o	Vapualeo.	of Million and Mil	Tehnelly	Tolliene	Triment,	Shings To supplied to the supp	Telot.
NR 140 ES <sup>1</sup>	5	NS	3	70	700	NS	NS	100	NS	5	1,000	480	10,000	
NR 140 PAL <sup>2</sup>	0.5	NS	0.3	7	140	NS	NS	10	NS	0.5	200	96	1,000	
5/10/2006	<0.20	<0.25	<0.20	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.50	<0.20	<0.40	<0.50	
8/22/2006	<0.20	<0.25	<0.20	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.50	<0.20	<0.40	<0.50	
11/1/2006	<0.20	<0.25	<0.20	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.50	<0.20	<0.40	<0.50	
2/1/2007	<0.20	<0.25	<0.20	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.50	<0.20	<0.40	<0.50	
1/21/2009	<0.20	<0.25	<0.30	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.50	<0.50	<0.40	<0.50	

### Notes:

NS = Standard Not Established

Sources for Wisconsin groundwater standards:

BOLD values exceed NR140 ES

<sup>&</sup>lt;sup>1</sup> - Wisconsin Administrative Code, Chapter NR140 Groundwater Enforcement Standards (ES)

<sup>&</sup>lt;sup>2</sup> - Wisconsin Administrative Code, Chapter NR140 Groundwater Preventive Action Limits (PALs)

<sup>\*</sup> Concentration is an estimated value and is less than the reporting (quantifiable) limit

Table 6

MW-5 Groundwater Analytical Results (concentrations are in µg/L)

Date	Honeine	No. Carlling.	Chloronge.	Ch. J. 2. Pho.	Ethymore, Charles	Tommon Military	Prigning.	Vapinales.	a. Million drill	Terreno.	Tolliene Tolliene	Tringethy.,	Sums, T. Complete	Trans.
NR 140 ES <sup>1</sup>	5	NS	3	70	700	NS	NS	100	NS	5	1,000	480	10,000	
NR 140 PAL <sup>2</sup>	0.5	NS	0.3	7	140	NS	NS	10	NS	0.5	200	96	1,000	
8/22/2006	<0.20	<0.25	<0.20	<0.50	<0.50	<0.20	<0.20	< 0.25	<0.50	<0.50	0.31*	<0.40	<0.50	÷
11/1/2006	<0.20	<0.25	<0.20	<0.50	<0.50	<0.20	<0.20	0.28*	<0.50	<0.50	0.27*	<0.40	<0.50	
2/1/2007	<0.20	<0.25	<0.20	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.50	<0.20	<0.40	<0.50	

### Notes:

NS = Standard Not Established

Sources for Wisconsin groundwater standards:

- <sup>1</sup> Wisconsin Administrative Code, Chapter NR140 Groundwater Enforcement Standards (ES)
- <sup>2</sup> Wisconsin Administrative Code, Chapter NR140 Groundwater Preventive Action Limits (PALs) \* Concentration is an estimated value and is less than the reporting (quantifiable) limit

BOLD values exceed NR140 ES

Table 7

MW-6 Groundwater Analytical Results (concentrations are in µg/L)

Jan.	Henziene	Nocuminal Manager	Chorago.	and John Strate	Ethymene	lomning.	Notion William	Papalale,	or Million was	Terrem <sub>n</sub>	Tolliene Tolliene	Trimemp.	Sylvenge T. Sepanding	lear /
NR 140 ES <sup>1</sup>	5	NS	3	70	700	NS	NS	100	NS	5	1,000	480	10,000	
NR 140 PAL <sup>2</sup>	0.5	NS	0.3	7	140	NS	NS	10	NS	0.5	200	96	1,000	
1/21/2009	<0.20	<0.25	<0.30	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.50	<0.50	<0.40	<0.50	
5/6/2009	<0.20	<0.25	< 0.30	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.50	<0.50	<0.40	<0.50	
8/13/2009	<0.20	<0.25	0.48	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.50	<0.50	<0.40	<0.50	! !
11/5/2009	<0.20	<0.25	<0.30	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.50	<0.50	<0.40	<0.50	

Notes:

NS = Standard Not Established

Sources for Wisconsin groundwater standards:

BOLD values exceed NR140 ES

<sup>&</sup>lt;sup>1</sup> - Wisconsin Administrative Code, Chapter NR140 Groundwater Enforcement Standards (ES)

Wisconsin Administrative Code, Chapter NR140 Groundwater Preventive Action Limits (PALs)
 \* Concentration is an estimated value and is less than the reporting (quantifiable) limit

Table 8

MW-7 Groundwater Analytical Results (concentrations are in µg/L)

Park.	Housens	Sec. Burgh	and the state of t	omen de la composition della c	Total Angelone	ounder out of the state of the	ous Michigan Constitution of the Constitution	Proprint, Company	Namage.	os Midio de la companya del companya del companya de la companya d	Terrantus.	John John John John John John John John	J. J	Supplied of State of	Tegy Dray	
NR 140 ES <sup>1</sup>	5	NS	3	5	70	700	NS	NS	100	NS	5	1,000	480	10,000	15	
NR 140 PAL <sup>2</sup>	0.5	NS	0.3	0.5	7	140	NS	NS	10	NS	0.5	200	96	1,000	1.5	
2/16/2011	<0.20	<0.25	<0.30	<0.50	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.50	<0.50	<0.40	<0.50	NA	
5/23/2011	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<4.0	<2.0	0.36	

### Notes:

NS = Standard Not Established

Sources for Wisconsin groundwater standards:

BOLD values exceed NR140 ES

 $<sup>^{\</sup>rm 1}$  - Wisconsin Administrative Code, Chapter NR140 Groundwater Enforcement Standards (ES)

<sup>&</sup>lt;sup>2</sup> - Wisconsin Administrative Code, Chapter NR140 Groundwater Preventive Action Limits (PALs) \* Concentration is an estimated value and is less than the reporting (quantifiable) limit

Table 9

# MW-8 Groundwater Analytical Results (concentrations are in μg/L)

on the state of th	Honzene	Joe Burn.	And the state of t	Jane Jane	oles f. Die.	Ethymone.	ous Withing	and the state of t	Naturalen.	a diring	Torrange,	Tonene	Trimonium	Sylones, 7.	lego, Pero,	
NR 140 ES <sup>1</sup>	5	NS	3	5	70	700	NS	NS	100	NS	5	1,000	480	10,000	15	
NR 140 PAL <sup>2</sup>	0.5	NS	0.3	0.5	7	140	NS	NS	10	NS	0.5	200	96	1,000	1.5	
2/16/2011	<0.20	<0.25	<0.30	<0.50	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.50	<0.50	<0.40	<0.50	NA	
5/23/2011	0.90	<2.0	<2.0	<2.0	<2.0	4.2	0.31	<2.0	0.31	0.65	<2.0	<2.0	0.77	1.2	0.23	

Notes:

NS = Standard Not Established

Sources for Wisconsin groundwater standards:

- <sup>1</sup> Wisconsin Administrative Code, Chapter NR140 Groundwater Enforcement Standards (ES)
- $^{2}$  Wisconsin Administrative Code, Chapter NR140 Groundwater Preventive Action Limits (PALs)
- \* Concentration is an estimated value and is less than the reporting (quantifiable) limit

BOLD values exceed NR140 ES

Table 10

# PZ-1 Groundwater Analytical Results (concentrations are in μg/L)

Profes	Peniene	Michael Market M	and the state of t	all and the state of the state	and	ay Wilderton	out of the state o	Papilade,	at Military	Terracing.	Tolliene Tolliene	in i	Tringen IV	John Marie Complete	The state of the s
NR 140 ES¹	5	NS	3	70	700	NS	NS	100	NS	5	1,000	5	480	10,000	
NR 140 PAL <sup>2</sup>	0.5	NS	0.3	7	140	NS	NS	10	NS	0.5	200	0.5	96	1,000	]
5/10/2006	<0.20	<0.25	<0.20	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	3.8	<0.20	<0.20	<0.40	<0.50	
8/22/2006	<0.20	<0.25	0.27*	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	6.2	<0.20	<0.20	<0.40	<0.50	
11/1/2006	<0.20	<0.25	<0.20	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	3.5	<0.20	0.48*	<0.40	<0.50	
2/1/2007	<0.20	<0.25	<0.20	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	1.1*	<0.20	0.32*	<0.40	<0.50	
1/21/2009	<0.20	<0.25	<0.30	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	22	<0.50	0.52*	<0.40	<0.50	
5/6/2009	<0.20	<0.25	<0.30	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	26	<0.50	0.73	<0.40	<0.50	
8/13/2009	<0.20	<0.25	0.43	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	58	<0.50	1.5	<0.40	<0.50	
11/5/2009	<0.20	<0.25	<0.30	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	31	<0.50	1.6	<0.40	<0.50	
2/16/2011	<0.20	<0.25	<0.30	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	82	<0.50	3.8	<0.40	<0.50	
5/23/2011	<0.20	<0.25	<0.30	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	81	<0.50	4.0	<0.40	<0.50	
11/9/2011	<0.20	<0.25	<0.30	<0.50	<0.50	<0.20	<0.20	< 0.25	<0.50	84	<0.50	5.2	<0.40	<0.50	
2/20/2012	<0.20	<0.25	<0.30	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	74	<0.50	4.7	<0.40	<0.50	

Notes:

NS = Standard Not Established

Sources for Wisconsin groundwater standards:

BOLD values exceed NR140 ES

<sup>&</sup>lt;sup>1</sup> - Wisconsin Administrative Code, Chapter NR140 Groundwater Enforcement Standards (ES)

<sup>&</sup>lt;sup>2</sup> - Wisconsin Administrative Code, Chapter NR140 Groundwater Preventive Action Limits (PALs)

<sup>\*</sup> Concentration is an estimated value and is less than the reporting (quantifiable) limit

Table 12

Groundwater Analytical Results - September 17, 2012

PARAMETER (μg/L):	GP-21	Duplicate (GP-21)	NR140 ES <sup>1</sup>	NR 140 PAL <sup>2</sup>
Tetrachloroethene	< 0.17	< 0.17	5	0.5
Trichloroethene	< 0.19	<0.19	5	0.5

### Notes:

Sources for Wisconsin groundwater standards:

**BOLD** values exceed NR140 ES

 $<sup>^{\</sup>rm 1}$  - Wisconsin Administrative Code, Chapter NR140 Groundwater Enforcement Standards (ES)

<sup>&</sup>lt;sup>2</sup> - Wisconsin Administrative Code, Chapter NR140 Groundwater Preventive Action Limits (PALs)

Table 1

# Groundwater Elevation Data (elevations in feet)

Location	Top of Riser Elevation	5/10/2006	6/8/2006	8/21/2006	11/1/2006	2/1/2007	1/21/2009	5/6/2009	8/13/2009	11/5/2009	2/16/2011	5/23/2011	11/9/2011	2/20/2012
MW-1	97.98	87.44	87.85	86.62	87.25	87.47	87.39	89.37	86.95	87.93	86.44	88.96	Abandoned	Abandoned
MW-2	97.40	87.42	87.83	86.63	87.25	87.47	87.24	89.17	86.94	88.04	86.35	88.89	Abandoned	Abandoned
MW-3	95.79	85.71	86.66	83.60	Free Product	Abandoned	Abandoned							
MW-4	93.97	81.63	88.62	88.12	88.13	88.48	88.35	89.12	88.28	88.19	87.20	89.72	88.46	88.56
MW-5	94.26	NI	NI	83.80 <sup>1</sup>	86.41	86.75	85.33	87.36	85.63	85.91	84.09	86.74	85.98	86.09
MW-6	96.50	NI	NI	NI	NI	NI	87.25	88.49	87.03	86.59	86.51	89.02	Abandoned	Abandoned
MW-7	96.61	NI	NI	NI	NI	NI	NI	NI	NI	NI	84.00	87.25	Abandoned	Abandoned
MW-8	96.36	NI	NI	NI	NI	NI	NI	NI	NI	NI	86.30	88.85	Abandoned	Abandoned
PZ-1	94.16	86.62	87.73	86.61	87.14	87.34	86.86	89.04	86.81	87.84	86.26	88.70	87.30	86.87

NM = Not Measured

NI = Not Installed

 $<sup>^{1}</sup>$  - Well installed and depth measured on 8/22/06





Braun Intertec Corporation 2309 Palace Street La Crosse, WI 54603 Phone: 608.781.7277 fax: 608.781.7279 Web: braunintertec.com

February 6, 2012

Project No. LC-10-08236

Ms. Sherry Grant Village of Shorewood Clerk 3930 N Murray Avenue Shorewood, Wisconsin 52311

Re:

Notification of petroleum impacted soil exceeding residual contaminant levels and groundwater exceeding enforcement standards in the right-of-way of North Oakland Avenue (One Hour Martinizing Site, 3596 North Oakland Avenue, Shorewood, Wisconsin, WDNR BRRTS # 03-41-551373).

Dear Ms. Grant:

As required by Wisconsin Administrative Code NR 726, this letter is to notify the Village of Shorewood of soil NR 720 residual contaminant level (RCL) and groundwater NR 140 enforcement standard (ES) exceedances in the right-of-way of North Oakland Avenue located west of the One Hour Martinizing site at 3596 North Oakland Avenue, Shorewood, Wisconsin. Remedial activities near the village right-of-way indicated petroleum constituent concentrations exceeded RCLs and ESs in soil and groundwater samples collected. Figures 1 and 2 indicate the location and concentrations of petroleum constituents in the soil and groundwater samples collected in and adjacent to the city right-of-way.

Please contact the Wisconsin Department of Natural Resources project manager, Pamela Mylotta, at (414) 263-8758 or Braun Intertec Corporation at (608) 781-7277 if you have questions regarding this notice.

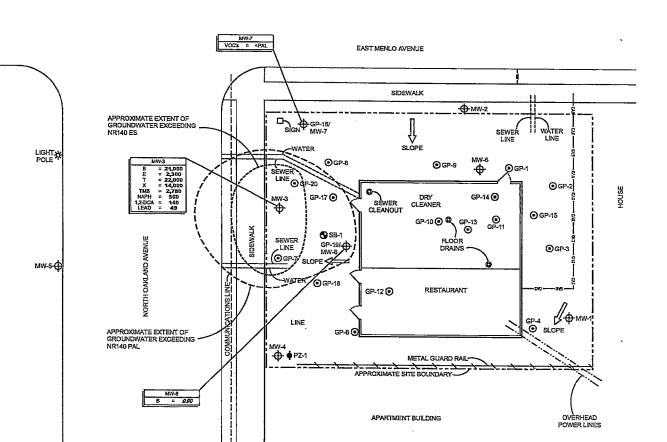
Sincerely,

**BRAUN INTERTEC CORPORATION** 

Kevin D. Nestingen, EIT

Staff Engineer

cc: Mr. Richard Miletto, Dorprop LLC



0 DENOTES APPROXIMATE LOCATION OF SOIL BORING

0 DENOTES APPROXIMATE LOCATION OF GEOPROBE BORING

DENOTES APPROXIMATE LOCATION OF MONITORING WELL

ģ DENOTES APPROXIMATE LOCATION OF PIEZOMETER

В BENZENE E ETHYL BENZENE т TOLUENE

χ XYLENES, TOTAL TRIMETHYLBENZENES (1,2,4- and 1,3,5- COMBINED) TMB NAPH NAPHTHALENE

1.2-DCA 1.2-DICHLOROETHANE <PAL

CONCENTRATION LESS THAN NR140 PREVENTATIVE ACTION LIMIT (PAL)

### NOTES:

- ALL CONCENTRATIONS IN ug/L
- BOLD VALUES EXCEED NR140 ENFORCEMENT STANDARDS (ES)
- ITALICIZED VALUES EXCEED NR140 PREVENTATIVE ACTION LIMIT (PAL)



10°± 20'± SCALE: 1" = 20'±

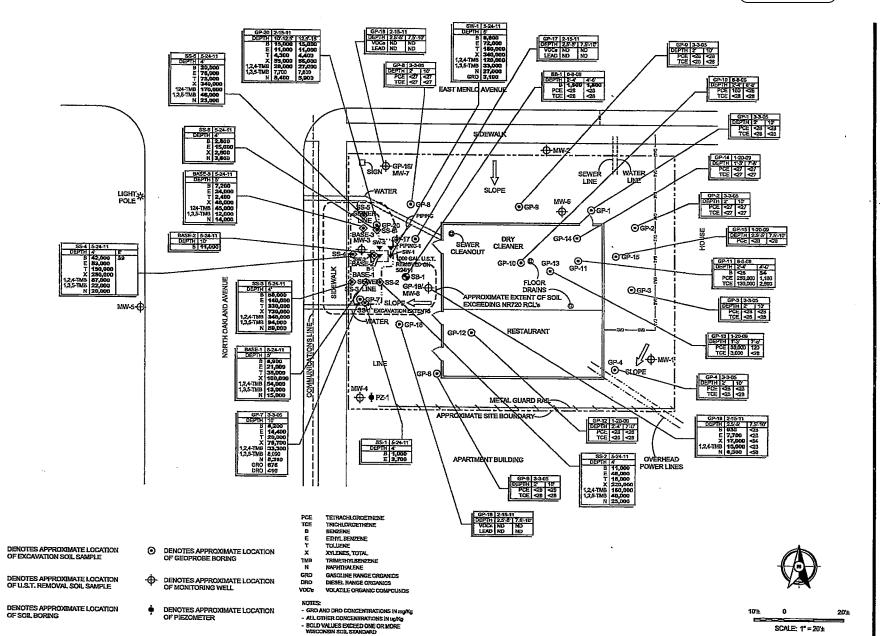
11001 Hampahire Avenue Minneapolis, MN 55438 PH. (952) 995-2000 FAX (952) 995-2020

GROUNDWATER CONCENTRATION MAP (5-23-11)
DOPROPO, LG
3596 NORTH GALAND AVENUE
SHOREWOOD, WISCONSIN

Project No: LC1008236

Drawing No. LC0500785

Drawn By Date Drawn: Checked By: Last Modified:



BRAUN

11001 Hempshirt Avenue So. Minnespells, MN 55430 PH. (952) 905-2000 FAX (952) 995-2020

> POST REMEDIAL SOIL CONCENTRATION MAP DORPROPLILC 3588 NORTH DAKLAND AVENUE SHOREWOOD, WISCONSIN

Project No: LC1008236

Drawing No: LC0500785

Sheet Fig. 2





Braun Intertec Corporation 2309 Polace Street La Crosse, WI 54603 Phone: 608.781.7277
Fax: 608.781.7279
Web: braunintertec.com



February 6, 2012

Project No. LC-10-08236

Ms. Leanne Butschlick Village of Shorewood Public Works 3801 N. Morris Blvd. Shorewood, Wisconsin 52311

Re:

Notification of petroleum impacted soil exceeding residual contaminant levels and groundwater exceeding enforcement standards in the right-of-way of North Oakland Avenue (One Hour Martinizing Site, 3596 North Oakland Avenue, Shorewood, Wisconsin, WDNR BRRTS # 03-41-551373).

Dear Ms. Butschlick:

As required by Wisconsin Administrative Code NR 726, this letter is to notify the Village of Shorewood of soil NR 720 residual contaminant level (RCL) and groundwater NR 140 enforcement standard (ES) exceedances in the right-of-way of North Oakland Avenue located west of the One Hour Martinizing site at 3596 North Oakland Avenue, Shorewood, Wisconsin. Remedial activities near the village right-of-way indicated petroleum constituent concentrations exceeded RCLs and ESs in soil and groundwater samples collected. Figures 1 and 2 indicate the location and concentrations of petroleum constituents in the soil and groundwater samples collected in and adjacent to the city right-of-way.

Please contact the Wisconsin Department of Natural Resources project manager, Pamela Mylotta, at (414) 263-8758 or Braun Intertec Corporation at (608) 781-7277 if you have questions regarding this notice.

Sincerely,

**BRAUN INTERTEC CORPORATION** 

Kevin D. Nestingen, EIT

Staff Engineer

cc: Mr. Richard Miletto, Dorprop LLC

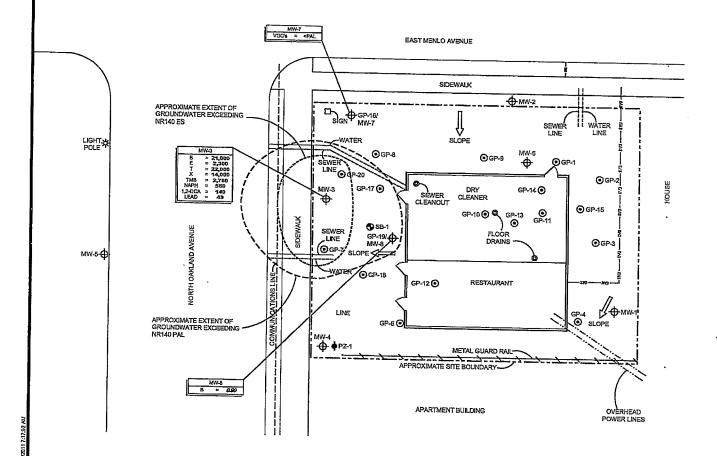


GROUNDWATER CONCENTRATION MAP (6-23-11)
DORPOPILC
3588 NORTH OMACAND AVENUE
SHOREWOOD, WREONSIN

Project No: LC1008236

Drawing No. LC0500785

Scale: Drawn By: Dale Drawn: Checked By:



DENOTES APPROXIMATE LOCATION 0

0 DENOTES APPROXIMATE LOCATION

DENOTES APPROXIMATE LOCATION OF MONITORING WELL

DENOTES APPROXIMATE LOCATION OF PIEZOMETER

В BENZENE ETHYL BENZENE т TOLUENE х XYLENES, TOTAL TMB

TRIMETHYLBENZENES (1,2,4- and 1,3,5- COMBINED) NAPH NAPHTHALENE

1,2-DICHLOROETHANE 1,2-DCA <PAL

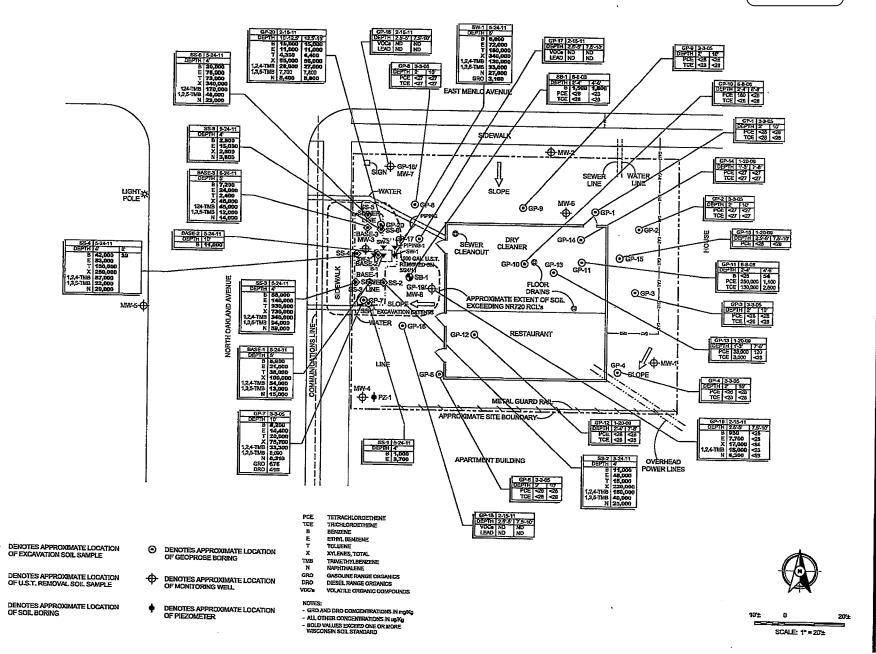
CONCENTRATION LESS THAN NR140 PREVENTATIVE ACTION LIMIT (PAL)

### NOTES:

- ALL CONCENTRATIONS IN ug/L
- BOLD VALUES EXCEED NR140 ENFORCEMENT STANDARDS (ES)
- ITALICIZED VALUES EXCEED NR140 PREVENTATIVE ACTION LIMIT (PAL)







0

BRAUN
INTERTEC

11001 Hampahin Avaruus So.
Minnespolis, MN 55430
PH, (1932) 1932 2020
FAX (1932) 1935 2020

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POST REMEDIAL SOIL CONCENTRATION MAP DOPATHOP, LIC 3568 NORTH OAKLAND AVENUE SHOREWOOD, WISCONSIN

Project No: LC1008235

Situation Fig. 2





Braun Intertec Corporation 2309 Palace Street La Crosse, WI 54603 Phone: 608 781.7277
Fax: 608 781.7279
Web brounintertec.com

October 4, 2012

Project No. LC-05-00785

Ms. Sherry Grant Village of Shorewood Clerk 3930 N Murray Avenue Shorewood, Wisconsin 52311

Re:

Notification of chlorinated solvent impacted groundwater exceeding enforcement standards in the right-of-way of North Oakland Avenue (One Hour Martinizing Site, 3596 North Oakland Avenue, Shorewood, Wisconsin, WDNR BRRTS # 02-41-543031).

Dear Ms. Grant:

As required by Wisconsin Administrative Code NR 726, this letter is to notify the Village of Shorewood of groundwater NR 140 enforcement standard (ES) exceedances in the right-of-way of North Oakland Avenue located west of the One Hour Martinizing site at 3596 North Oakland Avenue, Shorewood, Wisconsin. Groundwater monitoring activities near the village right-of-way indicated volatile organic compounds (VOC) constituent concentrations exceeded ESs in groundwater samples collected. Figure 1 indicates the location and concentrations of VOC constituents in groundwater samples collected in and adjacent to the city right-of-way.

Please contact the Wisconsin Department of Natural Resources project manager, Pamela Mylotta, at (414) 263-8758 or Braun Intertec Corporation at (608) 781-7277 if you have questions regarding this notice.

Sincerely,

BRAUN INTERTEC CORPORATION

Kevin D. Nestingen, EIT

**Staff Engineer** 

cc:

Mr. Richard Miletto, Dorprop LLC



**BRAUN** INTERTEC



Project No: LC0500785

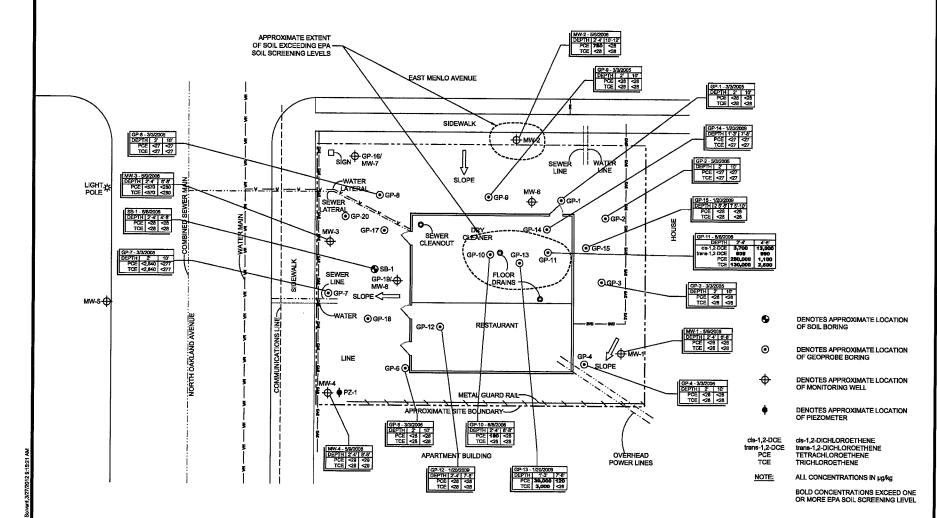
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10'±

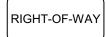
20'±

SCALE: 1" = 20'±

3 af







Braun Intertec Corporation 2309 Palace Street La Crosse, WI 54603 Phone: 608 781.7277
Fax: 608 781.7279
Web: braunintertec.com

October 4, 2012

Project No. LC-05-00785

Ms. Leanne Butschlick Village of Shorewood Public Works 3801 N. Morris Blvd. Shorewood, Wisconsin 52311

Re:

Notification of chlorinated solvent impacted groundwater exceeding enforcement standards in the right-of-way of North Oakland Avenue (One Hour Martinizing Site, 3596 North Oakland Avenue, Shorewood, Wisconsin, WDNR BRRTS # 02-41-543031).

Dear Ms. Butschlick:

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Please contact the Wisconsin Department of Natural Resources project manager, Pamela Mylotta, at (414) 263-8758 or Braun Intertec Corporation at (608) 781-7277 if you have questions regarding this notice.

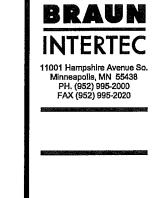
Sincerely,

**BRAUN INTERTEC CORPORATION** 

Kevin D. Nestingen, EIT

**Staff Engineer** 

cc: Mr. Richard Miletto, Dorprop LLC



CHLORINATED SOLVENT SOIL CONCENTRATION MAP CLOSURE REQUEST SUBMITTAL DORPROP, LLC 3596 NORTH OAKLAND AVENUE SHOREWOOD, WISCONSIN



10'± 0 20'±

SCALE: 1" = 20'±

Project No: LC0500785

Drawing No: LC0500785

 Scale:
 1"= 20'±

 Drawn By:
 BJB

 Date Drawn:
 1/17/08

 Checked By:
 KDN

 Last Modified:
 3/27/12

et: of Fig: 3

