

#### Environmental

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November 20, 2024

Ms. Danielle Keller Wisconsin Department of Natural Resources 3911 Fish Hatchery Road Fitchburg, WI 53711

RE: Post-Closure Modification Request

Kwik Trip #314 Rebuild 108 N Main Street Pardeeville, Wisconsin

Closed BRRTS #03-11-002628 & #03-11-555987

Dear Ms. Keller,

Kwik Trip, Incorporated (Kwik Trip) is submitting this Post-Closure Modification Request (Form 4400-237) in preparation of the Kwik Trip Store #314 site redevelopment. Planned activities are to demo all the existing structures and redevelop the property with a new Kwik Trip gas station/convenience store.

#### 1.0 Site Location

The Kwik Trip #314 property is located at 108 N Main Street. The subject property is currently occupied by a Kwik Trip store that has been in operation since 1988. Adjacent properties were acquired and will also be utilized for the rebuild project. These include the property located at 105-107 2<sup>nd</sup> Street that was formerly a vacant commercial building used as an auto repair facility and the property located at 104 N Main Street that was historically a gasoline service station and auto repair facility.

The site is located in the SE ¼ of the NW ¼ of Section 3, Township 12 North, Range 10 East, in the Village of Pardeeville, Columbia County, Wisconsin. A Site Location Map is included as Figure 1.

## 2.0 Background

Historically, petroleum-impacted soil and groundwater has been identified at the current Kwik Trip parcel. One closed LUST case (BRRTS #03-11-002628) has been assigned to the property. The site was listed on the WDNR's GIS Registry for residual soil and groundwater impacts when the case file was granted closure on

#### OUR MISSION

To serve our customers and community more effectively than anyone else by treating our customers, co-workers and suppliers as we, personally, would like to be treated, and to make a difference in someone's life.

January 31, 2006. One continuing obligation related to the residual soil contamination was listed within the closure letter. In general, residual soil contamination remains in the vicinity of the current tanks and dispensers and extends north/northwest from there, which is where the former tanks were located.

The GIS registry packet for this closed BRRTS #03-11-002628 is included in Appendix A.

Remaining soil and groundwater contamination has also been identified on the new adjacent property to the south (104 N Main Street). Historically, this property operated as gasoline service station/auto repair facility (Mike's Auto Repair & Sales) from approximately 1953 to 2010. Records indicated that a total of 6 underground storage tanks (USTs) were in-use at the property: one 1,000-gallon and one 2,000-gallon unleaded gas USTs, one 1000-gallon leaded gas UST, two 250-gallon waste oil USTs, and one 300-gallon fuel oil UST. The DATCP database indicated that all USTs were registered as abandoned/removed in November 1987. In June 2010, a Phase II investigation was conducted at the site and identified groundwater impacts in the area of the former gasoline dispensing area of the gasoline UST system. Additional site investigation was conducted in April 2011 and included the installation of 4 soil borings of which 3 were completed as groundwater monitoring wells. One soil sample (collected below the groundwater table) indicated the presence of petroleum contamination above residual contaminant levels for soil based on groundwater protection. Groundwater enforcement standard exceedances were identified in one monitoring well (MW-3) during two rounds of groundwater monitoring. Subsequent groundwater water sampling only identified preventative action limit (PAL) exceedances in MW-3. Based on the results of the site investigation, the WDNR granted site closure for BRRTS case #03-11-555987 with continuing obligations (concrete/asphalt must be maintained over contaminated groundwater) in a letter dated, October 2, 2015.

The GIS registry packet for this closed BRRTS #03-11-555987 is included in Appendix B.

## 3.0 Continuing Obligations

The closure letters listed the following continuing obligations:

BRRTS #03-11-002628 (current Kwik Trip parcel)

1. <u>Future Excavation of Residual Contaminated Soil</u>: residual soil contamination remains in the area of the pump islands and former UST basin as indicated in the information submitted to the Department of Natural Resources. If soil in these locations is excavated in the future, the property owner at the time of excavation will be required to sample and analyze the excavated soil to determine whether the contamination still remains. Based upon the results of sample analysis, the current owner will also have to properly store, treat, or dispose of any excavated materials, in accordance with state and federal laws.

BRRTS #03-11-555987 (former Mike's Auto Repair & Sales parcel)

2. <u>Residual Groundwater Contamination</u>: groundwater contamination greater than enforcement standards is present on this contaminated property, as shown on the attached map (Groundwater Isoconcentration, B.3.b, dated October 22, 2013). If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval.

3. <u>Cover or Barrier</u>: the concrete/asphalt that exists in the location show on the attached map (Groundwater, figure D.2, dated July 29, 2015) shall be maintained in compliance with the attached maintenance plan (Cover or Barrier Maintenance Plan dated July 14, 2015) 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.

A request may be made to modify or replace a cover or barrier. Before removing or replacing the cover, you must notify the DNR at least 45 days before taking an action. 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. A cover or barrier for industrial land uses, or certain types of commercial land uses may not be protective if the use of the property were to change such that a residential exposure would apply.

#### 4.0 Post-Closure Modifications

Kwik Trip intends on modifying or addressing the continuing obligations as detailed below.

#### 4.1 Residual Contaminated Soil

In general, residual soil contamination remains in the vicinity of the current Kwik Trip tanks and dispensers and extends north/northwest from there, which is where the former tanks were located. Pioneer Environmental Group of WI (Pioneer) will be the environmental consultant overseeing redevelopment and will collect soil samples from these areas following removal in accordance with the Department of Agriculture, Trade and Consumer Protection (DATCP) tank system site assessment (TSSA) requirements. A portion of a new storm sewer lateral intersects this area, so soil export cannot occur in this area until the TSSA soil sample results are received.

If contaminated soil is identified following removal and is encountered during construction, this material will be hauled off-site by the excavation contractor for disposal at the Waste Management Valley Trail Landfill in Berlin, WI as non-hazardous solid waste.

Contaminated soil will be managed in accordance with ch. NR 718.12, Wis. Adm. Code. However, a Wis. Admin. Code ch. NR 718.12 solid waste exemption is not required if the contaminated soil will be managed at an operating, licensed facility approved to accept that waste. Additionally, contaminated soil reuse is not anticipated for this project.

#### 4.2 Residual Groundwater Contamination

A well will not be constructed as part of the new Kwik Trip rebuild since the area is serviced by municipal utilities.

#### 4.3 Cap Modification

Within the BRRTS #03-11-555987 (former Mike's Auto Repair & Sales) closure packet, it references an area where a cap or cover is in place (see attached previous Figure D.2). This area is proposed to be changed during property redevelopment, with a stormwater detention pond planned for this corner of the property. Note this is <u>not</u> an infiltration basin/pond. A large portion of this area is proposed to have a Type A liner per Wisconsin DNR technical standard 1001, Appendix D. See specifications below for a Type A liner.

### Appendix D-Pond Liner Design, Decision Flowchart

#### Pond Liner Design Specifications for Three Levels of Liners

- A. Type A Liners—for sites with the highest potential for groundwater pollution. They include:
  - Clay (natural soil, not bentonite)
  - High Density Polyethylene (HDPE)
  - Geosynthetic Clay Liners (GCL)
  - Clay liner criteria (essentially the same as the clay below landfills but not as thick):
    - 50% fines (200 sieve) or more.
    - An in-place hydraulic conductivity of 1 x 10<sup>-7</sup> cm./sec. or less.
    - Average liquid limit of 25 or greater, with no value less than 20.
    - d. Average PI of 12 or more, with no values less than 10.
    - c, Clay installed wet of optimum if using standard Proctor, and 2% wet of optimum if using modified Proctor.
    - f. Clay compaction and documentation as specified in NRCS Wisconsin Construction Specification 300, Clay Liners.
    - g. Minimum thickness of two feet.
    - Specify method for keeping the pool full or use of composite soils below liner.
  - HDPE liner criteria:
    - Minimum thickness shall be 60 mils.
    - Design according to the criteria in Table 3 of the NRCS 313, Waste Storage Facility technical standard.
    - Install according to NRCS Wisconsin Construction Specification 202, Polyethylene Geomembrane Lining.
  - GCL liner criteria:
    - Design according to the criteria in Table 4 of NRCS 313, Waste Storage Facility technical standard.
    - Install according to NRCS Wisconsin Construction Specification 203, Geosynthetic Clay Liner.

Another portion falls over the new tank basin area, so the proposed surface cover there is 4-inch concrete. The area in the far southwest corner is where a new Kwik Trip sign is proposed, so that area will also be poured with a concrete sign base. The last area is proposed to be green space around the new pond, with a minimum 2 feet of compacted, clean backfill, topsoil, then sod. Refer to the attached Cap Modification Map for details.

Unfortunately, a storm pond is needed somewhere on the lot to satisfy stormwater requirements and this corner was the only location that worked with site design. Kwik Trip is more than willing to adjust or add to these proposed cover changes if the WDNR would like to see something different or more protective.

### 5.0 Schedule

Kwik Trip site redevelopment is scheduled to begin in April 2025. Pioneer will be overseeing the soil management and construction activities. A documentation report including revised Cap Maintenance Plan will be submitted following project completion.

Please contact Kevin Nestingen at 608.793.6464 or <a href="mailto:knestingen@kwiktrip.com">knestingen@kwiktrip.com</a> if you have questions or require further information on this request.

Sincerely,

KWIK TRIP, INC.

Kevin D. Nestingen, PE

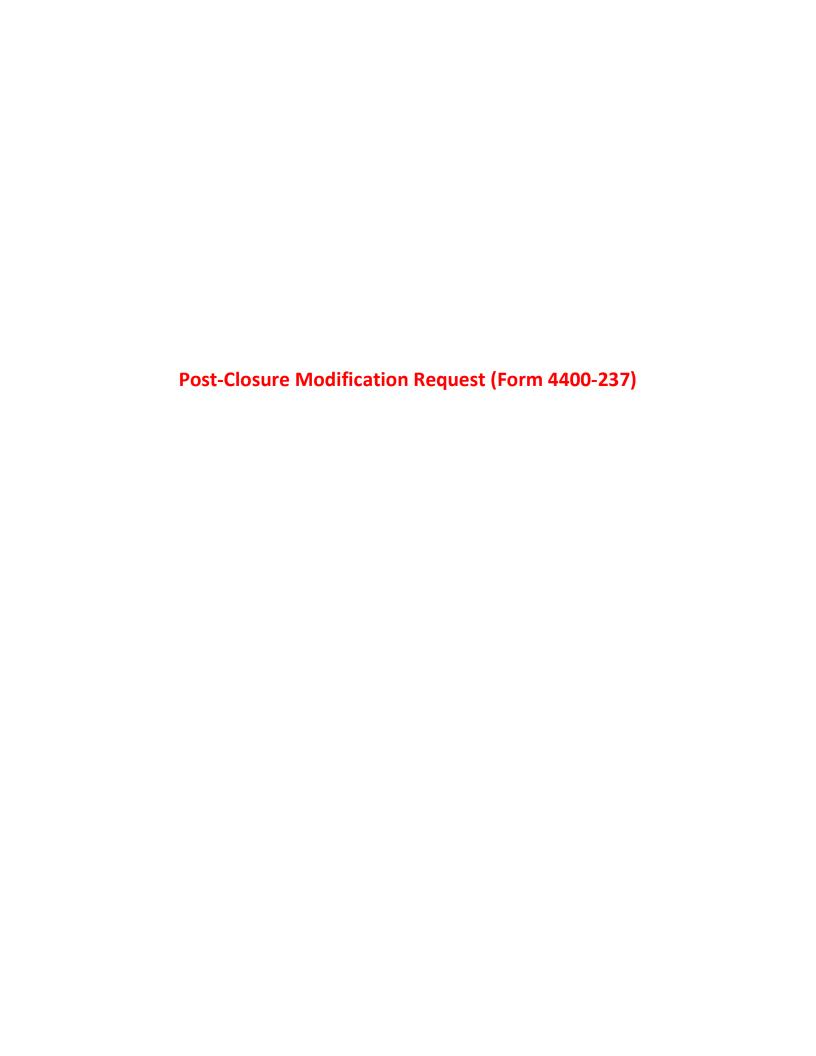
**Environmental Compliance Manager** 

cc: Joe Drapeau, Pioneer Environmental Group of WI

Attachments: Post-Closure Modification Request (Form 4400-237)

**Figures** 

Appendix A - Previous GIS Registry Packet — BRRTS #03-11-002628 Appendix B - Previous GIS Registry Packet — BRRTS #03-11-555987



State of Wisconsin Department of Natural Resources PO Box 7921, Madison WI 53707-7921 dnr.wi.gov

# Technical Assistance, Environmental Liability Clarification or Post-Closure Modification Request

Form 4400-237 (R 10/21)

**Notice:** Use this form to request **a written response** (on agency letterhead) from the Department of Natural Resources (DNR) regarding technical assistance, a post-closure change to a site, a specialized agreement or liability clarification for Property with known or suspected environmental contamination. A fee will be required as is authorized by s. 292.55, Wis. Stats., and NR 749, Wis. Adm. Code., unless noted in the instructions below. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Public Records law [ss. 19.31 - 19.39, Wis. Stats.].

#### **Definitions**

- "Property" refers to the subject Property that is perceived to have been or has been impacted by the discharge of hazardous substances.
- "Liability Clarification" refers to a written determination by the Department provided in response to a request made on this form. The response clarifies whether a person is or may become liable for the environmental contamination of a Property, as provided in s. 292.55, Wis. Stats.
- "Technical Assistance" refers to the Department's assistance or comments on the planning and implementation of an environmental investigation or environmental cleanup on a Property in response to a request made on this form as provided in s. 292.55, Wis. Stats.
- "Post-closure modification" refers to changes to Property boundaries and/or continuing obligations for Properties or sites that received closure letters for which continuing obligations have been applied or where contamination remains. Many, but not all, of these sites are included on the GIS Registry layer of RR Sites Map to provide public notice of residual contamination and continuing obligations.

#### Select the Correct Form

This from should be used to request the following from the DNR:

- Technical Assistance
- Liability Clarification
- Post-Closure Modifications
- Specialized Agreements (tax cancellation, negotiated agreements, etc.)

#### Do not use this form if one of the following applies:

- Request for an off-site liability exemption or clarification for Property that has been or is perceived to be contaminated by one
  or more hazardous substances that originated on another Property containing the source of the contamination. Use DNR's Off-Site
  Liability Exemption and Liability Clarification Application Form 4400-201.
- Submittal of an Environmental Assessment for the Lender Liability Exemption, s 292.21, Wis. Stats., if no response or review by DNR is requested. Use the Lender Liability Exemption Environmental Assessment Tracking Form 4400-196.
- Request for an exemption to develop on a historic fill site or licensed landfill. Use DNR's Form 4400-226 or 4400-226A.
- Request for closure for Property where the investigation and cleanup actions are completed. Use DNR's Case Closure GIS Registry Form 4400-202.

All forms, publications and additional information are available on the internet at: <a href="mailto:dnr.wi.gov/topic/Brownfields/Pubs.html">dnr.wi.gov/topic/Brownfields/Pubs.html</a>.

#### Instructions

- 1. Complete sections 1, 2, 6 and 7 for all requests. Be sure to provide adequate and complete information.
- 2. Select the type of assistance requested: Section 3 for technical assistance or post-closure modifications, Section 4 for a written determination or clarification of environmental liabilities; or Section 5 for a specialized agreement.
- 3. Include the fee payment that is listed in Section 3, 4, or 5, unless you are a "Voluntary Party" enrolled in the Voluntary Party Liability Exemption Program **and** the questions in Section 2 direct otherwise. Information on to whom and where to send the fee is found in Section 8 of this form.
- 4. Send the completed request, supporting materials and the fee to the appropriate DNR regional office where the Property is located. See the map on the last page of this form. A paper copy of the signed form and all reports and supporting materials shall be sent with an electronic copy of the form and supporting materials on a compact disk. For electronic document submittal requirements see: <a href="http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf">http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf</a>

The time required for DNR's determination varies depending on the complexity of the site, and the clarity and completeness of the request and supporting documentation.

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# **Technical Assistance, Environmental Liability Clarification or Post-Closure Modification Request**

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Section 1. Contact and Rec	cipient Information					
Requester Information						
This is the person requesting to specialized agreement and is in	echnical assistance or a post-c dentified as the requester in So	closure ection	modification revie 7. DNR will addres	w, that his or her liability bes its response letter to this	e clarific persor	ed or a า.
Last Name	First	MI	Organization/ Bus	siness Name		
Nestingen	Kevin	D	Kwik Trip, Inc.			
Mailing Address	<b>-</b>		City		State	ZIP Code
1813 Kramer St.			La Crosse		WI	54603
Phone # (include area code)	Fax # (include area code)		Email			•
(608) 793-6464 knestingen@kwiktrip.com				riktrip.com		
The requester listed above: (se	elect all that apply)					
Is currently the owner			Is consideri	ng selling the Property		
☐ Is renting or leasing the Property ☐ Is considering acquiring the Property						
Is a lender with a mortga	gee interest in the Property					
Other. Explain the status	of the Property with respect to	o the a	pplicant:			
				<b>V</b> 0.1.		
Contact Information (to be Contact Last Name	contacted with questions a	MI	Organization/ Bus		t ir san	ne as requester
Nestingen	Kevin	D	Kwik Trip, Inc.	mioso riamo		
Mailing Address	ICCVIII	D	City		State	ZIP Code
1813 Kramer St.			La Crosse		WI	54603
Phone # (include area code)	Fax # (include area code)		Email		**1	34003
(608) 793-6464	,		knestingen@kw	ziktrin com		
Environmental Consulta	nt (if applicable)		Knestingenækw	iku ip.com		
Contact Last Name	First	MI	Organization/ Bus	siness Name		
Drapeau	Joseph	Α	Pioneer Environ	mental Group of WI, Ir	ıc.	
Mailing Address	*		City	*	State	ZIP Code
203 1/2 E Main St.			Mount Horeb		WI	53572
Phone # (include area code)	Fax # (include area code)		Email		1	
(608) 437-3900			jdrapeau@pei-w	visc.com		
Section 2. Property Informa	tion		J 1 U1			
Property Name				FID No. (i	f known	n)
Mike's Auto Repair & Sales	S					
BRRTS No. (if known)			Parcel Identification	on Number		
03-11-555987			11171-1			
Street Address			City		State	ZIP Code
104 N Main St.			Pardeeville		WI	53954
-	lunicipality where the Property			Property is composed of:		perty Size Acres
Columbia	◯ City ◯ Town ⊙ Village of	Pard	eeville	Single tax Multiple to parcels	2.02	2

# Technical Assistance, Environmental Liability Clarification or Post-Closure Modification Request

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		onse needed by a specific date? (e.g., Property closing date) Note: Most requests are completed within 60 days. Please ordingly.	<b>)</b>
<ul><li>N</li></ul>	lo	○ Yes	
		Date requested by:	
		Reason:	
2. Is the	• "R	equester" enrolled as a Voluntary Party in the Voluntary Party Liability Exemption (VPLE) program?	
N	lo. <b>I</b>	Include the fee that is required for your request in Section 3, 4 or 5.	
$\bigcirc$ Y	es.	Do not include a separate fee. This request will be billed separately through the VPLE Program.	
		the information in Section 3, 4 or 5 which corresponds with the type of request: on 3. Technical Assistance or Post-Closure Modifications;	
		on 4. Liability Clarification; or Section 5. Specialized Agreement.	
Section	n 3.	. Request for Technical Assistance or Post-Closure Modification	
Select t	the	type of technical assistance requested: [Numbers in brackets are for WI DNR Use]	
		No Further Action Letter (NFA) (Immediate Actions) - NR 708.09, [183] - Include a fee of \$350. Use for a written response to an immediate action after a discharge of a hazardous substance occurs. Generally, these are for a one-time spill even	
		Review of Site Investigation Work Plan - NR 716.09, [135] - Include a fee of \$700.	
		Review of Site Investigation Report - NR 716.15, [137] - Include a fee of \$1050.	
		Approval of a Site-Specific Soil Cleanup Standard - NR 720.10 or 12, [67] - Include a fee of \$1050.	
		Review of a Remedial Action Options Report - NR 722.13, [143] - Include a fee of \$1050.	
		Review of a Remedial Action Design Report - NR 724.09, [148] - Include a fee of \$1050.	
Ē	_	Review of a Remedial Action Documentation Report - NR 724.15, [152] - Include a fee of \$350	
Ī	7	Review of a Long-term Monitoring Plan - NR 724.17, [25] - Include a fee of \$425.	
		Review of an Operation and Maintenance Plan - NR 724.13, [192] - Include a fee of \$425.	
Othe	er T	echnical Assistance - s. 292.55, Wis. Stats. [97] (For request to build on an abandoned landfill use Form 4400-226)	
		Schedule a Technical Assistance Meeting - Include a fee of \$700.	
		Hazardous Waste Determination - Include a fee of \$700.	
		Other Technical Assistance - Include a fee of \$700. Explain your request in an attachment.	
Pos	t-Cl	losure Modifications - NR 727, [181]	
	7	Post-Closure Modifications: Modification to Property boundaries and/or continuing obligations of a closed site or Property	ty;
_		sites may be on the GIS Registry. This also includes removal of a site or Property from the GIS Registry. <b>Include a fee \$1050</b> , <b>and:</b>	of
		Include a fee of \$300 for sites with residual soil contamination; and	
		Include a fee of \$350 for sites with residual groundwater contamination, monitoring wells or for vapor intrusion continuing obligations.	
		Attach a description of the changes you are proposing, and documentation as to why the changes are needed (if the change to a Property, site or continuing obligation will result in revised maps, maintenance plans or photographs, those documents may be submitted later in the approval process, on a case-by-case basis).	<b>;</b>
Sec	ctio	n 4. Request for Liability Clarification	

Select the type of liability clarification requested. Use the available space given or attach information, explanations, or specific questions that you need answered in DNR's reply. Complete Sections 6 and 7 of this form. [Numbers in brackets are for DNR Use]

# Technical Assistance, Environmental Liability Clarification or Post-Closure Modification Request Form 4400-237 (R 10/21) Page 4 of 7

"Lender" liability exemption clarification - s. 292.21, Wis. Stats. [686]
❖ Include a fee of \$700.
Provide the following documentation:
(1) ownership status of the real Property, and/or the personal Property and fixtures;
(2) an environmental assessment, in accordance with s. 292.21, Wis. Stats.;
(3) the date the environmental assessment was conducted by the lender;
(4) the date of the Property acquisition; for foreclosure actions, include a copy of the signed and dated court order confirming the sheriff's sale.
(5) documentation showing how the Property was acquired and the steps followed under the appropriate state statutes.
(6) a copy of the Property deed with the correct legal description; and,
(7) the Lender Liability Exemption Environmental Assessment Tracking Form (Form 4400-196).
(8) If no sampling was done, please provide reasoning as to why it was <b>not</b> conducted. Include this either in the accompanying environmental assessment or as an attachment to this form, and cite language in s. 292. 21(1)(c)2.,hi., Wis. Stats.:
h. The collection and analysis of representative samples of soil or other materials in the ground that are suspected of being contaminated based on observations made during a visual inspection of the real Property or based on aerial photographs, or other information available to the lender, including stained or discolored soil or other materials in the ground and including soil or materials in the ground in areas with dead or distressed vegetation. The collection and analysis shall identify contaminants in the soil or other materials in the ground and shall quantify concentrations.
<ul> <li>i. The collection and analysis of representative samples of unknown wastes or potentially hazardous substances found on the real Property and the determination of concentrations of hazardous waste and hazardous substances found in tanks, drums or other containers or in piles or lagoons on the real Property.</li> </ul>
"Representative" liability exemption clarification (e.g. trustees, receivers, etc.) - s. 292.21, Wis. Stats. [686]
❖ Include a fee of \$700.
Provide the following documentation:
(1) ownership status of the Property;
(2) the date of Property acquisition by the representative;
(3) the means by which the Property was acquired;
(4) documentation that the representative has no beneficial interest in any entity that owns, possesses, or controls the Property
(5) documentation that the representative has not caused any discharge of a hazardous substance on the Property; and
(6) a copy of the Property deed with the correct legal description.
Clarification of local governmental unit (LGU) liability exemption at sites with: (select all that apply)
hazardous substances spills - s. 292.11(9)(e), Wis. Stats. [649];
Perceived environmental contamination - [649];
hazardous waste - s. 292.24 (2), Wis. Stats. [649]; and/or
solid waste - s. 292.23 (2), Wis. Stats. [649].
❖ Include a fee of \$700, a summary of the environmental liability clarification being requested, and the following:
(1) clear supporting documentation showing the acquisition method used, and the steps followed under the appropriate state statute(s).
(2) current and proposed ownership status of the Property;
(3) date and means by which the Property was acquired by the LGU, where applicable;
(4) a map and the ¼, ¼ section location of the Property;
(5) summary of current uses of the Property;
(6) intended or potential use(s) of the Property;
(7) descriptions of other investigations that have taken place on the Property; and
(8) (for solid waste clarifications) a summary of the license history of the facility.

# Technical Assistance, Environmental Liability Clarification or Post-Closure Modification Request

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Lease liability clarification - s. 292.55, Wis. Stats. [646]

- ❖ Include a fee of \$700 for a single Property, or \$1400 for multiple Properties and the information listed below:
- (1) a copy of the proposed lease;
- (2) the name of the current owner of the Property and the person who will lease the Property;
- (3) a description of the lease holder's association with any persons who have possession, control, or caused a discharge of a hazardous substance on the Property;
- (4) map(s) showing the Property location and any suspected or known sources of contamination detected on the Property;
- (5) a description of the intended use of the Property by the lease holder, with reference to the maps to indicate which areas will be used. Explain how the use will not interfere with any future investigation or cleanup at the Property; and
- (6) all reports or investigations (e.g. Phase I and Phase II Environmental Assessments and/or Site Investigation Reports conducted under s. NR 716, Wis. Adm. Code) that identify areas of the Property where a discharge has occurred.

General or other environmental liability clarification - s. 292.55, Wis. Stats. [682] - Explain your request below.

*	Include a fee of \$700 and an adequate summary of relevant environmental work to date.
No	Action Required (NAR) - NR 716.05, [682]
*	Include a fee of \$700.
ass	e where an environmental discharge has or has not occurred, and applicant wants a DNR determination that no further sessment or clean-up work is required. Usually this is requested after a Phase I and Phase II environmental assessment has en conducted; the assessment reports should be submitted with this form. This is not a closure letter.
Cla	arify the liability associated with a "closed" Property - s. 292.55, Wis. Stats. [682]
*	Include a fee of \$700.

- Include a copy of any closure documents if a state agency other than DNR approved the closure.

Use this space or attach additional sheets to provide necessary information, explanations or specific questions to be answered by the DNR.

\*\*SEE INCLUDED COVER LETTER AND ATTACHMENTS\*\*

#### Section 5. Request for a Specialized Agreement

Select the type of agreement needed. Include the appropriate draft agreements and supporting materials. Complete Sections 6 and 7 of this form. More information and model draft agreements are available at: <a href="mailto:dnr.wi.gov/topic/Brownfields/lgu.html#tabx4">dnr.wi.gov/topic/Brownfields/lgu.html#tabx4</a>.

tor	m. More information and model draft agreements are available at: <a href="mailto:dnr.wi.gov/topic/Brownfields/lgu.html#tabx4">dnr.wi.gov/topic/Brownfields/lgu.html#tabx4</a> .
	Tax cancellation agreement - s. 75.105(2)(d), Wis. Stats. [654]
	❖ Include a fee of \$700, and the information listed below:
	(1) Phase I and II Environmental Site Assessment Reports,
	(2) a copy of the Property deed with the correct legal description.
	Agreement for assignment of tax foreclosure judgement - s.75.106, Wis. Stats. [666]
	❖ Include a fee of \$700, and the information listed below:
	(1) Phase I and II Environmental Site Assessment Reports,
	(2) a copy of the Property deed with the correct legal description.
	Negotiated agreement - Enforceable contract for non-emergency remediation - s. 292.11(7)(d) and (e), Wis. Stats. [630]  Include a fee of \$1400, and the information listed below:

- (1) a draft schedule for remediation; and,
- (2) the name, mailing address, phone and email for each party to the agreement.

# Technical Assistance, Environmental Liability Clarification or Post-Closure Modification Request

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Section 6. Other Information Submitted	
Identify all materials that are included with this request.	
Send both a paper copy of the signed form and all reports and supp and all reports, including Environmental Site Assessment Reports,	orting materials, and an electronic copy of the form and supporting materials on a compact disk.
Include one copy of any document from any state agency files that y request. The person submitting this request is responsible for contareports or information.	ou want the Department to review as part of this acting other state agencies to obtain appropriate
Phase I Environmental Site Assessment Report - Date:	
Phase II Environmental Site Assessment Report - Date:	
Legal Description of Property (required for all liability requests and sp	ecialized agreements)
Map of the Property (required for all liability requests and specialized	agreements)
Analytical results of the following sampled media: Select all that apply	and include date of collection.
Groundwater Soil Sediment Other med	lium - Describe:
Date of Collection:	
A copy of the closure letter and submittal materials	
☐ Draft tax cancellation agreement	
Draft agreement for assignment of tax foreclosure judgment	
Other report(s) or information - Describe:	
For Property with newly identified discharges of hazardous substances only: been sent to the DNR as required by s. NR 706.05(1)(b), Wis. Adm. Code?	Has a notification of a discharge of a hazardous substance
Yes - Date (if known):	
○ No	
Note: The Notification for Hazardous Substance Discharge Form - Non-Eme RR Program Submittal Portal application. Directions for using the form Submittal Portal web page.	ergency Only (Form 4400-225) is accessible through the n and the Submittal Portal application are available on the
Section 7. Certification by the Person who completed this form	
I am the person submitting this request (requester)	
I prepared this request for:	
Requester Name	<del>-</del>
I certify that I am familiar with the information submitted on this request, and true, accurate and complete to the best of my knowledge. I also certify I have	
this request.	w.
16/700	11-20-24 Date Signed
Signature	Date Signed
F	(600) 702 6464
Environmental Compliance Manager	(608) 793-6464 Telephone Number (include area code)

Form 4400-237 (R 10/21)

Page 7 of 7

#### Section 8. DNR Contacts and Addresses for Request Submittals

Send or deliver one paper copy and one electronic copy on a compact disk of the completed request, supporting materials, and fee to the region where the property is located to the address below. Contact a <u>DNR regional brownfields specialist</u> with any questions about this form or a specific situation involving a contaminated property. For electronic document submittal requirements see: <a href="http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf">http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf</a>.

#### **DNR NORTHERN REGION**

Attn: RR Program Assistant Department of Natural Resources 223 E Steinfest Rd Antigo, WI 54409

#### **DNR NORTHEAST REGION**

Attn: RR Program Assistant Department of Natural Resources 2984 Shawano Avenue Green Bay WI 54313

#### **DNR SOUTH CENTRAL REGION**

Attn: RR Program Assistant Department of Natural Resources 3911 Fish Hatchery Road Fitchburg WI 53711

#### **DNR SOUTHEAST REGION**

Attn: RR Program Assistant Milwaukee DNR Office 1027 West St. Paul Ave Milwaukee WI 53233

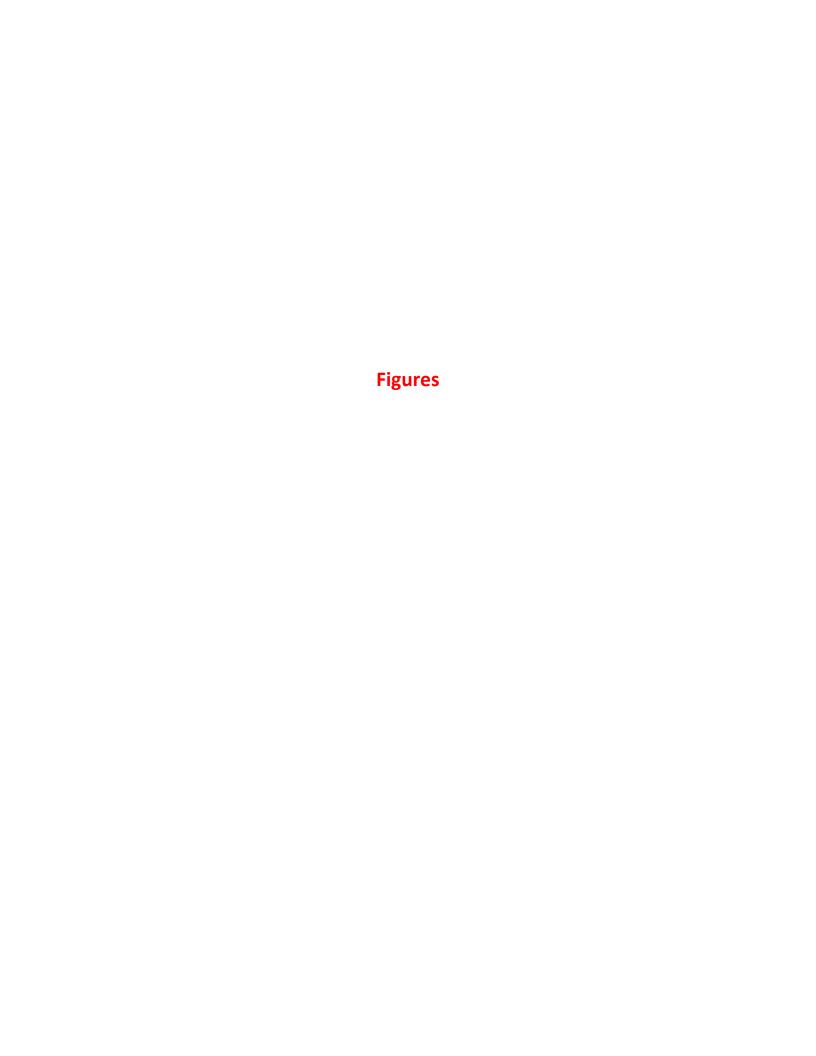
#### **DNR WEST CENTRAL REGION**

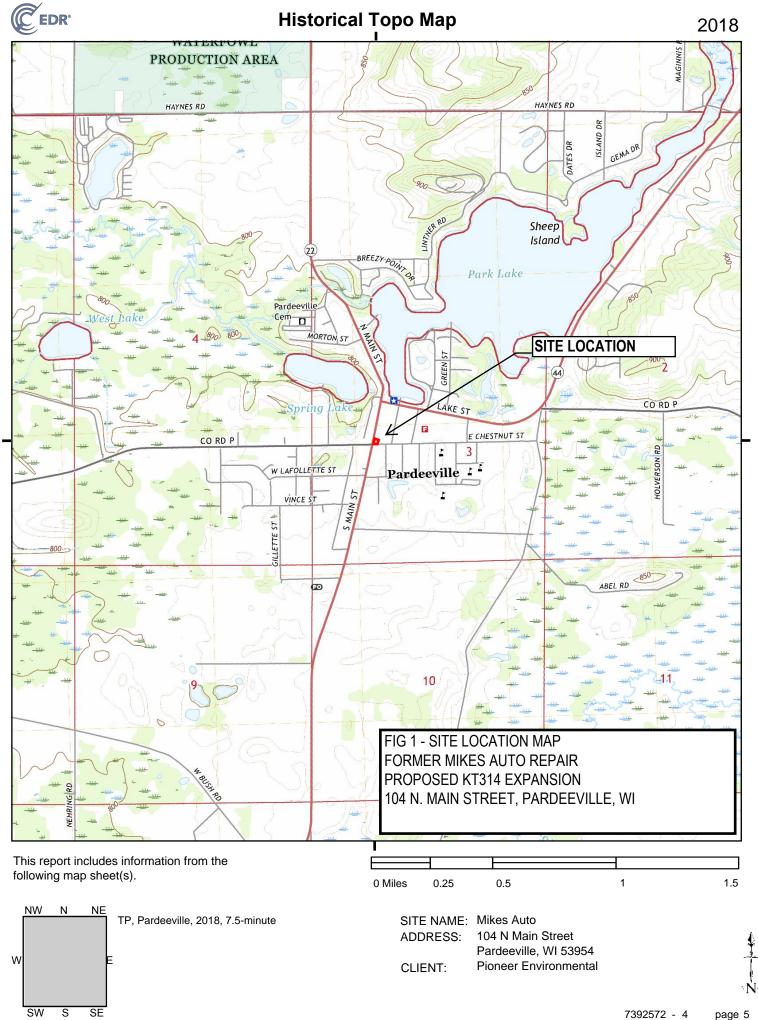
Attn: RR Program Assistant Department of Natural Resources 1300 Clairemont Ave. Eau Claire WI 54702

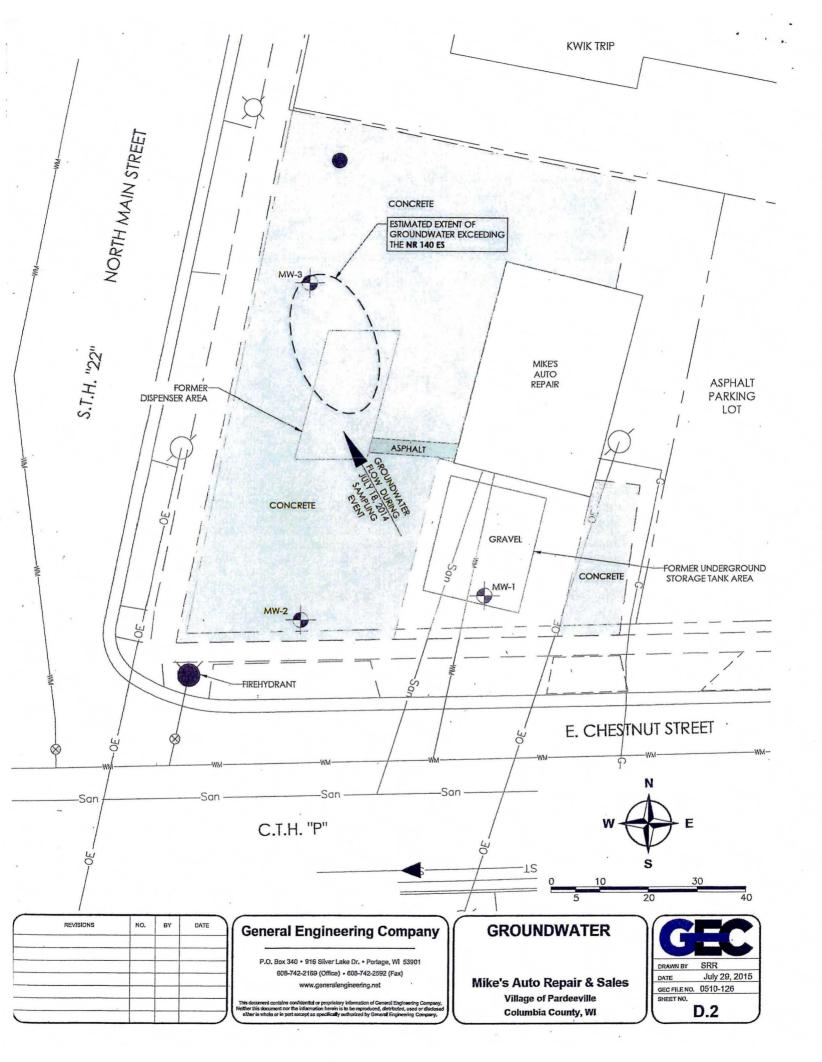


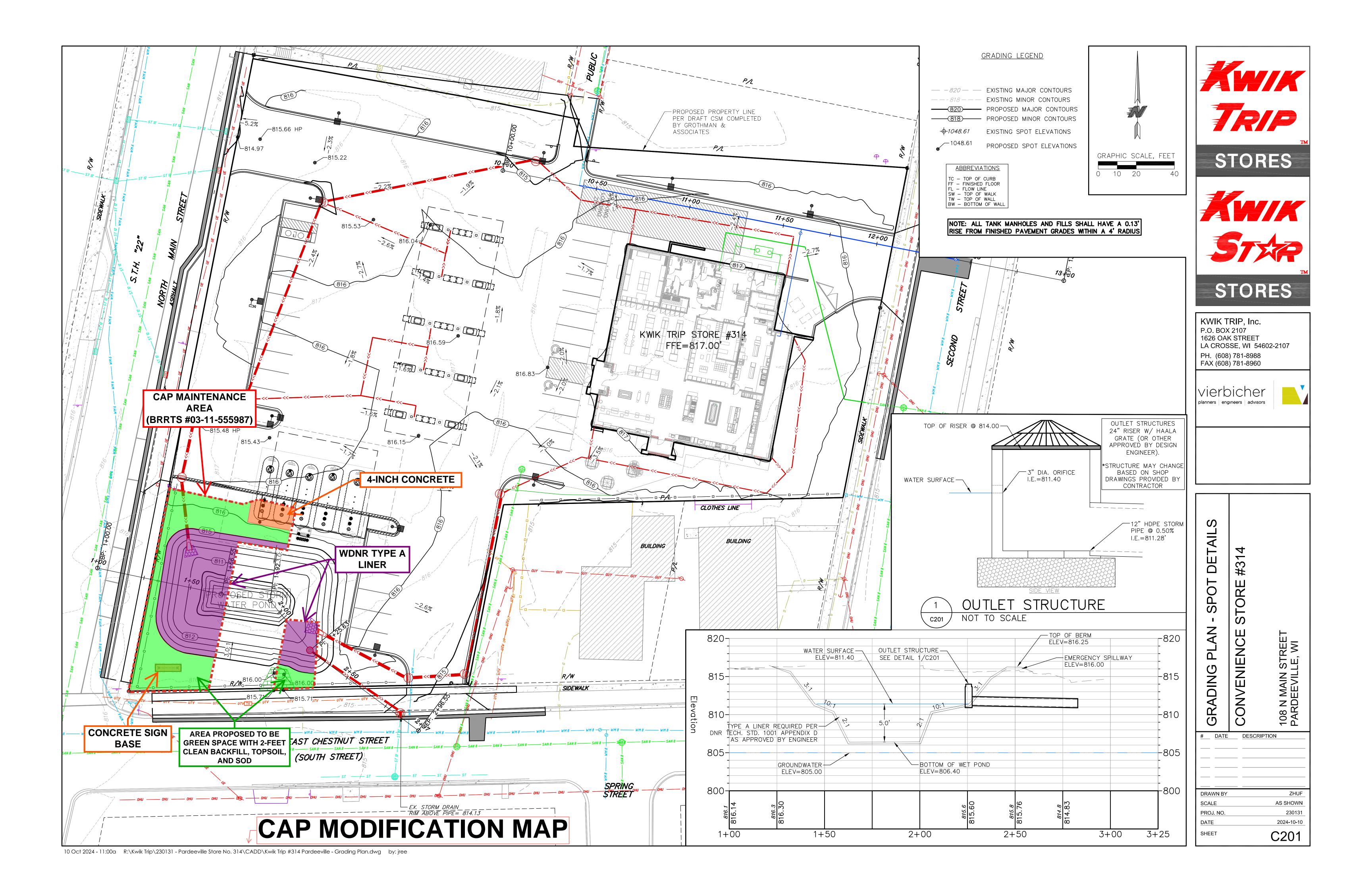
Note: These are the Remediation and Redevelopment Program's designated regions. Other DNR program regional boundaries may be different.

		DNR Use Only	
Date Received	Date Assigned	BRRTS Activity Code	BRRTS No. (if used)
DNR Reviewer	C	omments	
Fee Enclosed?	Fee Amount	Date Additional Information Requested	Date Requested for DNR Response Letter
◯ Yes ◯ No	\$		
Date Approved	Final Determination		









# Appendix A Previous GIS Registry Packet – BRRTS #03-11-002628

## **GIS REGISTRY INFORMATION**

SITE NAME:	Kwik Trip #314		in the second		
BRRTS #:	03-11-002628	FID # (if appropriate):			
COMMERCE # (if appropriate):					
CLOSURE DATE:	01/31/2006				
STREET ADDRESS:	108 N. Main Street				
CITY:	Pardeeville				
SOURCE PROPERTY GPS COO WTM91 projection):	• •	X= 5764	490 Y=	340354	
CONTAMINATED MEDIA:	Groundwater	Soil	х	Both	
OFF-SOURCE GW CONTAMINA	TION >ES:	Yes	No		
IF YES, STREET ADDRESS 1:					
GPS COORDINATES (meters in \	WTM91 projection):	X=	Y=		
OFF-SOURCE SOIL CONTAMIN. Specific RCL (SSRCL):	ATION >Generic or Site-	Yes	X No		
IF YES, STREET ADDRESS 1:					
GPS COORDINATES (meters in \	WTM91 projection):	X=	Y=		
CONTAMINATION IN RIGHT OF	WAY:	Yes	X No		
DOCUMENTS NEEDED:					
Closure Letter, and any conditional	closure letter or denial letter is	sued			X
Copy of most recent deed, including	g legal description, for all affec	ted properties			X
Certified survey map or relevant po County Parcel ID number, if used for			tion) for all affe		X X
Location Map which outlines all propertiparcels to be located easily (8.5x14" if paper potable wells within 1200' of the site.	es within contaminated site boundarie	es on USGS topographic map or pl		t detail to permit the of all municipal and	<u>^</u> x
Detailed Site Map(s) for all affected and potable wells. (8.5x14", if paper copy) relation to the source property and in relation ch. NR 720 generic or SSRCLs.	This map shall also show the location	n of all contaminated public streets	s, highway and rail:	road rights-of-way in natural representation exceeding	x
Tables of Latest Groundwater Analy	tical Results (no shading or cr	oss-hatching)	•	<del>                                     </del>	_
Tables of Latest Soil Analytical Res	ults (no shading or cross-hatch	ning)		7	X
Isoconcentration map(s), if required extent of groundwater contamination define				I have flow direction and	
GW: Table of water level elevations					
GW: Latest groundwater flow direct greater than 20 degrees)	tion/monitoring well location if	lap (snould be 2 maps if max	imum variation	in flow direction is	
SOIL: Latest horizontal extent of c	ontamination exceeding generi	c or SSRCLs, with one conto	ur	<u> </u>	X
Geologic cross-sections, if required	for Si. (8.5x14' if paper copy)	·			
RP certified statement that legal des		curate.		$\square$	X
Copies of off-source notification let	` ' ' '			·	
Letter informing ROW owner of resi			•	<b></b>	
Copy of (soil or land use) deed restricted to Copy of any maintenance plan refer	<del></del>	equired as a condition of clo	sure		_
Topy of any manifestation plantfelet	onesa in the accuracy restriction.				



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor Scott Hassett, Secretary Lloyd L. Eagan, Regional Director South Central Region Headquarters 3911 Fish Hatchery Road Fitchburg, Wisconsin 53711-5397 Telephone 608-275-3266 FAX 608-275-3338 TTY Access via relay - 711

January 31, 2006

Troy Batzel Kwik Trip, Inc. 1626 Oak Street La Crosse, WI 54602

Subject:

Final Case Closure

Kwik Trip #314, 108 N. Main Street, Pardeeville, WI

WDNR BRRTS # 03-11-002628

Dear Mr. Batzel:

On January 26, 2006, your site as described above was reviewed for closure by the South Central Region Closure Committee. The committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases.

On April 6, 2005 a Notice of Violation (NOV) was issued to you by the Department and this site was reopened due do violations of provisions set forth in a deed restriction recorded for the property on September 29, 1998. The deed restriction was recorded because at the time of closure issued on October 26, 1998, residual soil contamination near the petroleum underground storage tanks (USTs) was not accessible. The deed restriction required an investigation of the degree and extent of petroleum contamination when the USTs were removed. This was not completed when the USTs were removed on April 26, 2004. Following the issuance of the NOV, an investigation was completed in the vicinity of the former USTs on April 19, 2005.

Based on the correspondence and data provided, it appears that your site has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

#### FUTURE EXCAVATION OF RESIDUAL CONTAMINATED SOIL

Residual soil contamination remains in the areas of the pumps islands and former UST basin as indicated in the information submitted to the Department of Natural Resources. If soil in these locations is excavated in the future, the property owner at the time of excavation will be required to sample and analyze the excavated soil to determine whether the contamination still remains. Based upon the results of sample analysis, the current owner will also have to properly store, treat, or dispose of any excavated materials, in accordance with state and federal laws.

### TERMINATION OF PREVIOUSLY RECORDED DEED RESTRICION

The Department has determined that the restrictions set forth in the deed restriction recorded for the property on September 29, 1998 can be extinguished. Enclosed is a sample deed notice template for your use.



Troy Batzel WDNR # 03-11-002628 January 31, 2006 Page 2

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 registry. To review the sites on the GIS Registry web page, visit <a href="http://dnr.wi.gov/org/aw/rr/gis/index.htm">http://dnr.wi.gov/org/aw/rr/gis/index.htm</a>

Please be aware that this 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 the environment.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (608) 275-3209.

Sincerely,

Denise Nettesheim

Hydrogeologist

Bureau for Remediation & Redevelopment

**Enclosure** 

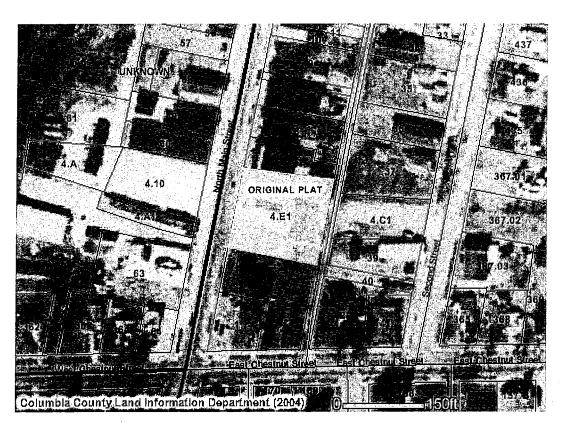
cc: Ted Hubbes, Braun Intertec Corporation, 2831 Larson Street, La Crosse, WI 54603

Case File

**型OCUMENT NO.** WARRANTY DEED STATE BAR OF WISCONSIN FORM 2-1982 AVOL 342 PAGE 604 469764 TE OF WISCONSIN OMBIA COUNTY are d for record this . . . . . KWIK TRIP, INC. ATTN: LEGAL DEPT. ...1626.Oak Street P.O. Box 2107 La Crosse, WI 54602-2107 State of Wisconsin; Tax Parcel No. .... Transfer fee ₱353./0 SEE ATTACHED EXHIBIT A This NOT XX(is) (is not) homestead property. Exception to warranties Recorded easements, covenants, .conditions, provisions and restrictions, and municipal ordinances. October day of ..... Dated this . John Bosshard AUTHENTICATION ACKNOWLEDGMENT Signature(s) of John Bosshard STATE OF WISCONSIN Personally came before me this .....day of James W. McNeilly, Jr. TITLE: MEMBER STATE BAR OF WISCONSIN (If not, .....authorized by § 706.06, Wis. Stats.) to me known to be the person ..... who executed the foregoing instrument and acknowledge the same. THIS INSTRUMENT WAS DRAFTED BY James W. McNeilly, Jr. BOSSHARD. & ASSOCIATES. Post Office Box 966
La-Crosse; Wi--54602-0966
(Signatures may be authenticated or acknowledged. Both are not necessary.) 

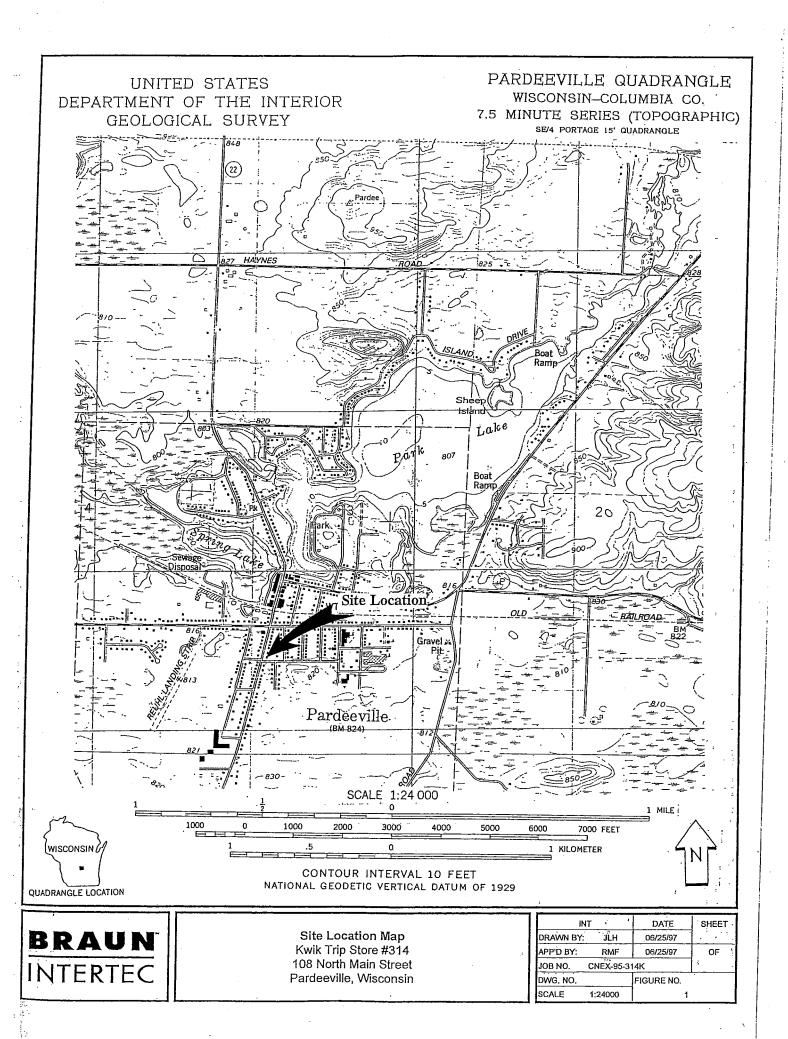
#### EXHIBIT A

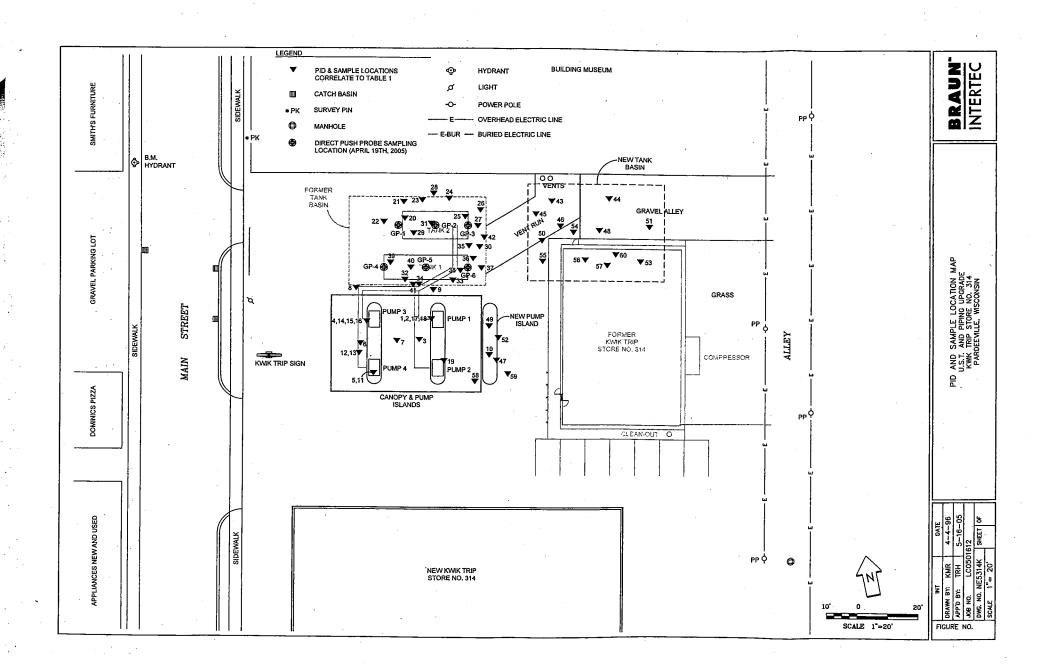
Lot 1 Columbia County Certified Survey Map #1252 recorded in the Columbia County Register of Deeds Office in Vol. 6 of C.S.M., Page 14 recorded on September 26, 1988 as document no. 469466; being a part of C.S.M. 776, located in part of Lots 3 and 5, all of Lot 4, Original Plat of Pardeeville, Section 3, Township 12 North, Range 10 East, Village of Pardeeville, Columbia County, Wisconsin.



# **Export Parcel Data to CSV file**

Parcels					
Tax Parcel Indentification Number	4.E1				
Tax District	11171 - VILLAGE OF PARDEEVILLE				
School District	4228 - PARDEEVILLE				
Special District	8040 - PARK LAKE MANAGEMENT DISTRICT				
Location	Sec. 3, T12, R10				
Owner	ZRH				
Site Address	108 North Main Street				
Mailing Address	1626 OAK ST				
	LACROSSE, WI, 54602 0000				
Total Parcel Acres	0.59				
Tax Parcel Description	LOT 1 CS#1252 V6 P14 EXC R414-189 (108 N MAIN ST-KWIK TRIP)				
Assessment & Tax Information	Click for More Information				
	Return to Layer List	<del>,</del> -			





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Soil Sample Results. April 19, 2005

Soil Sampling Results	· · · · · · · · · · · · · · · · · · ·									·			Wisco	nsin Soil Stan	
Location	GP-1	GP-1	GP-2	GP-2	GP-3	GP-3	GP-4	GP-4	GP-5	GP-5	GP-6	GP-6			
Depth	2-41	12-14'	2-4'	12-14'	2-4'	12-14'	2-4'	12-14	2-4'	12-14'	2-4'	12-14'	NR720	NR746.06	NR746,06
		<u> </u>		L						į			RCLs <sup>1</sup>	Table 12	Table 23
VOC's (ug/kg)					r		,								
Benzene	<26	<26	<26	560	<26	44	<26	<26	33	- 60	<26	<29	5.5	8500	1100
Ethylbenzene	<26	<26	<26	870	<26	67	<26	<26	49	110	<26	<29	2900	4600	NS
MTBE	<26	<26	<26	230	<26	<27	<26	<26	<27	<26	<26	<29	NS	NS	NS
Toluene	<26	<26	29	3500	27	170	37	54	180	270	60	84	1500	38000	NS
1,2,4-Trimethylbenzene	<26	<26	29	1300	27	100	38	66	110	390	81	140	NS	42000	NS
1,3,5-Trimethylbenzene	<26	<26	<26	460	<26	57	<26	29	33	180	34	110	NS	83000	NS
Xylenes, Total	<79	<79	<79	5000	<79	290	110	140	300	820	140	270 -	4100	11000	NS

#### Notes:

Table 1 Kwik Trip #314 108 North Main Street Pardeeville, WI LC-05-01612 April 19, 2005

#### Sources for Wisconsin soil standards:

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

BOLD values exceed one or more Wisconsin Soil Standards

NS - No Wisconsin Soil Standards have been established

Table 1 PID and Sample Locations

	<del></del>	<del> · · · ·</del>		<del>,</del>	·
Sample #	Location	PID	Depth	Sampled	Sóil
		April 2	26, 2004		
1	Pump 1	52	2.5	1639	Brown SP F-M moist
2	Pump 1	27	2.5	1627	Brown SP F-M moist
3	Piping 1-2	16	3.5	-	Brown SP F-M moist
4	Pump 3	61	2.5	1633	Brown SP F-M moist
5	Pump 4	53	2.5	1620	Brown SP F-M moist
6	Piping 3-4	45	3	-	Brown SP F-M moist
7	Middle of Canopy	4	1 1		Brown SP F-M moist
8	Pump 3 and Tank	0.1	3	<u> </u>	Brown SP F-M moist
·	,	April 2	7, 2004		
9	Pump 1 and Tank	117	3		Brown SP F-M moist
10	Canopy and old Store	1.1	4.5		Brown SP F-M moist
11	Pump 4	7	4.5		Brown SP F-M moist
12	Pump 3-4	10	4.5		Brown SP F-M moist
13	Pump 3-4	1.2	4.5		Brown SP F-M moist
14	Pump 3	512	4.5	-	Brown SP F-M moist
15	Pump 3	7_	4.5	-	Brown SP F-M moist
16	Pump 3	6	4.5	-	Brown SP F-M moist
17	Pump 1	66	2	-	Brown SP F-M moist
18	Pump 1	280	4		Brown SP F-M moist
19	Pump 2	190	1.5		Brown SP F-M moist
		April 2	8, 2004		
20	Tank 2	390	2.5	-	Brown SP F-M moist
21	Tank 2	0	5		Brown SP F-M moist
22	Tank 2	398	3.5		Brown SP F-M moist
23	Tank 2	0	9		Brown SP F-M moist
24	Tank 2	0	9	-	Brown SP F-M moist
25	Tank 2 Fill	1.6	2		Brown SP F-M moist
26	Tank 2 Fill	1 1	4		Brown SP F-M moist
27	Tank 2 Fill	11	5		Brown SP F-M moist
28	Tank 2 A-Side Bottom	1.8	13-14	900	Brown SP F-M moist
29	Tank 2 B-Side Bottom	3	14	913	Brown SP F-M moist
30	Tank 2 D-Side Bottom	30	14	921	Brown SP F-M moist
31	Tank 2 Middle Bottom	2.8	2	938	Brown SP F-M moist
32	Tank 1	19	2.5		Brown SP F-M moist
33	Tank 1	250	14		Brown SP F-M moist
34	B-Side	0.3	7.5	1020	Brown SP F-M moist
35	Tank 1-2	2	11		Brown SP F-M moist
36	Tank 1-2	1.8	- 8		Brown SP F-M moist
37	Tank 1	4.8	14	- 1000	Brown SP F-M moist
38	Tank 1 Bottom D	60	14	1320	Brown SP F-M moist
39 40	Tank 1 Bottom B	71	14	1327	Brown SP F-M moist
	Tank 1 Bottom Middle	63	14	1344	Brown SP F-M moist
41	Tank 1 Sidewall C	63	14	1353	Brown SP F-M moist
42	Tank 1-2 D-Sidewall	20	14		Brown SP F-M moist
		April 29			
43	New Tank Excavation	0.4	- 8		Brown SP F-M moist
44	New Tank Excavation	0	10		Brown SP F-M moist
45	New Tank Excavation	2.4	3		Brown SP F-M moist
46	New Tank Excavation	0.9	7		Brown SP F-M moist
47	Near New Islands	1.3	1 1		Brown SP F-M moist
48	New Tank Excavation	0.1	14		Brown SP F-M moist
49 50	New Tank Excavation	1.6	2		Brown SP F-M moist
50	Near New Islands Near New Islands	1.3			Brown SP F-M moist
51 52	Near New Islands	0.6	6		Brown SP F-M moist
		0.1		<del>-</del>	Brown SP F-M moist
53	New Tank Excavation	2.1	2	<del>-</del>	Brown SP F-M moist
54	New Tank Excavation	1.9	3	<del>-</del>	Brown SP F-M moist
55	New Tank Excavation	0.3	14		Brown SP F-M moist
56	New Tank Excavation	0.8	6		Brown SP F-M moist
57	New Tank Excavation	1.9	4		Brown SP F-M moist
58	Near New Islands	1.8		<del>-</del>	Brown SP F-M moist
59	Near New Islands New Tank Excavation	0.8	5		Brown SP F-M moist Brown SP F-M moist
60					

Table 2

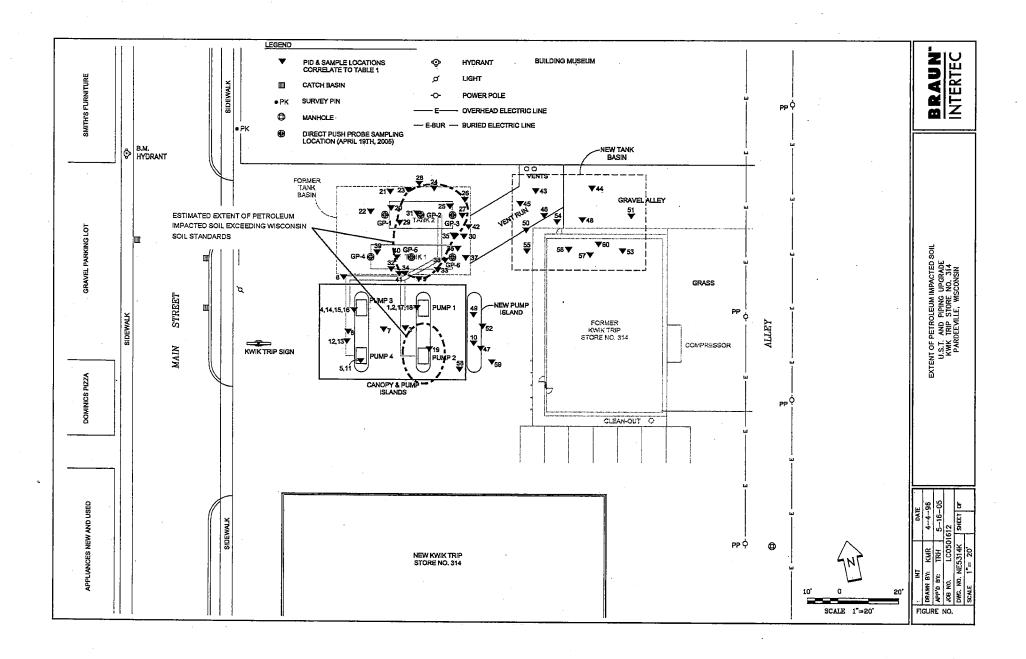
## Soil Excavation Sampling Results - April 2004

Parameter	Tank 2 A-side Bottom	Tank 2 B-side Bottom	Tank 2 D-side Bottom	Tank 2 Middle
Sample Location	Tank 2	Tank 2	Tank 2	Tank 2
ASTM Soil Classification	SP	SP	SP	SP
Soil Sample Depth	13-14	14	14	14
Organic Vapor Reading (ppm)	1.8	3.0	30.0	2.8
PVOCs (μg/kg)				
Benzene	<25	<25	. <25	<25
Ethylbenzene	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25
Toluene	<25	<25	<25	<25
Trimethyl Benzene, Total	<25	<25	<25	<25
Xylenes, Total	<25	<25	<25	<25
Gasoline Range Organics (mg/kg)	<5.25	<5.35	<5.22	<5.23

Parameter	B-Sidewall	Tank I Bottoni D	Tank I Bottom B	Tank I Middle
Sample Location	Sidewall	Tank I	Tank 1	Tank I
ASTM Soil Classification	SP	SP	SP	SP
Soil Sample Depth	14	14	14	14
Organic Vapor Reading (ppm)	0,3	60	71	63
PVOCs (µg/kg)				· · · · · · · · · · · · · · · · · · ·
Вспиене	<25	50	<25	<25
Ethylbenzene	53.5	95	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25
Toluene	154	592	<25	<25
Trimethyl Benzene, Total	466	849	111.2	<25
Xylenes, Total	522	1,080	<25	<25
Gasoline Range Organics (mg/kg)	<5.29	5.61	<5.23	<5.21

Parameter	Tank I Sidewall C	Sidewall D	Pump I @ 2.5 .	· Pump 2 @ 2.5
Sample Location	Sidewall C	Sidewall D	Pump 1	Pump 2
ASTM Soil Classification	SP	SP	SP	SP
Soil Sample Depth	14	14	2.5	2.5
Organic Vapor Reading (ppm)	63	20	27	. 52
PVOCs (µg/kg)				· - · · · · · · · · · · · · · · · · · ·
Benzene	<25	<25	<25	142
Ethylbenzene	<25	<25	27.1	157
Methyl-t-butyl ether	<25	<25	<25	<25
Toluene	<25	<25	160	1110
Frimethyl Benzene, Total	<25	<25	300	4480
Xylenes, Total	<25	<25	438	5240
Gasoline Range Organics (mg/kg)	<5.18	<5.16	<5.38	34.3

· · · · · · · · · · · · · · · · · · ·	<del></del>			<u> </u>
Parameter	Pump 3 @ 2.5	Pump 4 @ 2,5	Piping 1-2 @ 3.5	Piping 3-4 @ 3.5
Sample Location	Pump 3	Pump 4	Piping	Piping
ASTM Soil Classification	SP	SP	SP	SP
Soil Sample Depth	2.5	2.5	3.5	3,5
Organic Vapor Reading (ppm)	61	53	16.0	45
PVOCs (µg/kg)				
Bonzene	<25	<25	<25	<25
Ethylbenzene	<25	114	. <25	<25
Methyl-t-butyl ether	<25	<25	<25	<25
Toluene	42.9	260	<25	<25
Trimethyl Benzene, Total	<25	1688	<25	<25
Xylenes, Total	<25	1364	<25	<25
Gasoline Range Organics (mg/kg)	<5.24	10.9	<5.32	<5.27



Re: Geographic Information System Registry for the Kwik Trip Store # 314, 108 North Main Street, Pardeeville, Wisconsin – WDNR BRRTS # 03-11-002628

Regulatory file closure has been requested for the above referenced site. Petroleum impacted soil exceeding Wisconsin Department of Natural Resources (WDNR) NR-720 generic residual contaminant levels (RCLs) 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>Troy Batzel</u>, representing Kwik Trip, Inc., 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 Kwik Trip Store # 314 site.

Signature:

Date: //2/05

# Appendix B Previous GIS Registry Packet – BRRTS #03-11-555987

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

Source Prope	erty Information	CLOSURE DATE: 10/02/2015		
BRRTS #:	03-11-555987			
ACTIVITY NAME:	MIKES AUTO REPAIR & SALES	FID #: NA		
PROPERTY ADDRES		DATCP #: NA		
		PECFA#: 53954800404		
MUNICIPALITY:	PARDEEVILLE			
PARCEL ID #:	1117-1			
	*WTM COORDINATES:	WTM COORDINATES REPRESENT:		
X:	576528 Y: 340566	<ul> <li>Approximate Center Of Contaminant Source</li> </ul>		
	* Coordinates are in WTM83, NAD83 (1991)	Approximate Source Parcel Center		
lease check as appr	opriate: (BRRTS Action Code)			
	CONTINUIN	<u>G OBLIGATIONS</u>		
Contaminat	ed Media for Residual Conta	mination:		
⊠ Groundwate	er Contamination > ES (236)	☐ Soil Contamination > *RCL or **SSRCL (232)		
☐ Contar	nination in ROW	☐ Contamination in ROW		
Off-So	urce Contamination	☐ Off-Source Contamination		
( <b>note</b> : for list of off-source properties see "Impacted Off-Source Property Information, Form 4400-246")		( <b>note:</b> for list of off-source properties see "Impacted Off-Source Property Information, Form 4400-246")		
Site Specifi	c Obligations:			
☐ Soil: maint	ain industrial zoning (220)			
(note: soil contamination concentrations between non-industrial and industrial levels)		☐ Direct Contact		
		⊠ Soil to GW Pathway		
☐ Structural Impediment (224)		☐ Vapor Mitigation (226)		
Site Specific Condition (228)		☐ Maintain Liability Exemption (230)		
		( <b>note:</b> local government unit or economic development corporation was directed to take a response action)		
	N	Monitoring Wells:		
	Are all monitoring wells p	properly abandoned per NR 141? (234)		
	● Yes (	No N/A  * Residual Contaminant Level		

<sup>\*</sup>Site Specific Residual Contaminant Level

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
3911 Fish Hatchery Road
Fitchburg WI 53711-5397

Scott Walker, Governor Cathy Stepp, Secretary Telephone 608-266-2621 Toll Free 1-888-936-7463 TTY Access via relay - 711



October 2, 2015

File Ref.: 03-11-555987

Mike and Lori Zimmerman Mike's Auto Repair and Sales 104 North Main Street Pardeeville WI 53954

#### KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT:

Final Case Closure with Continuing Obligations

Mike's Auto Repair and Sales, 104 North Main Street, Pardeeville, WI

DNR BRRTS Activity #: 03-11-555987

Dear Mr. and Ms. Zimmerman:

The Department of Natural Resources (DNR) considers Mike's Auto Repair and Sales closed, with continuing obligations. No further investigation or remediation is required at this time. However, you, future property owners, and occupants of the property must comply with the continuing obligations as explained in the conditions of closure in this letter. Please read this letter closely to ensure that you comply with all conditions and other ongoing requirements. Provide this letter and any attachments listed at the end of this letter to anyone who purchases, rents or leases this property from you.

This final closure decision is based on the correspondence and data provided, and is issued under chs. NR 726 and 727, Wis. Adm. Code. The South Central Region Closure Committee reviewed the request for closure on July 2, 2015. The DNR Closure Committee reviewed this environmental remediation case for compliance with state laws and standards to maintain consistency in the closure of these cases. A request for remaining actions needed was issued by the DNR on August 28, 2015, and documentation that the conditions in that letter were met was received on September 16, 2015.

This site was formerly operated as Babcock's Auto Repair. The Department of Trade Agriculture and Consumer Protection (DATCP) data base indicates that six underground storage tank (USTs) (one 1,000 gallon and one 2,000 gallon unleaded gas, one 1,000 gallon leaded gas, two 250 gallon waste oil and one 300 gallon fuel oil) were registered as abandoned/removed in November of 1987. In June of 2010 a phase II investigation was conducted at the site. At that time a sample obtained in the area of the former dispenser indicated that groundwater had been impacted. In April of 2011 additional investigation (four borings of which three were completed as monitoring wells) was conducted at the site. Only one soil boring sample (obtained below groundwater at 15-17 feet) indicated the presence of petroleum contamination above the allowable residual contaminant level for soil based upon protection of groundwater. Enforcement standards (ESs) were exceeded for two rounds in MW3. The last two rounds only priority action levels (PALs) were exceeded. The conditions of closure and continuing obligations required were based on the property being used for commercial purposes.

#### Continuing Obligations

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

• Groundwater contamination is present at or above ch. NR 140, Wis. Adm. Code, enforcement standards.



• Concrete/ asphalt must be maintained over contaminated groundwater and the DNR must be notified and approve any changes to this barrier.

The DNR fact sheet "Continuing Obligations for Environmental Protection," RR-819, helps to explain a property owner's responsibility for continuing obligations on their property. The fact sheet may be obtained at http://dnr.wi.gov/files/PDF/pubs/rr/RR819.pdf.

#### Geographic Information System (GIS) Registry

This site will be included on the Bureau for Remediation and Redevelopment Tracking System (BRRTS on the Web) at <a href="http://dnr.wi.gov/topic/Brownfields/clean.html">http://dnr.wi.gov/topic/Brownfields/clean.html</a>, to provide public notice of residual contamination and of any continuing obligations. The site can also be viewed on the Remediation and Redevelopment Sites Map (RRSM), a map view, under the GIS Registry layer, at the same web address.

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. This requirement applies to private drinking water wells and high capacity wells. 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>.

All site information is also on file at the South Central Regional DNR office, at 3911 Fish Hatchery Road, Fitchburg, WI 53711. This letter and information that was submitted with your closure request application, including any maintenance plan and maps, can be found as a Portable Document Format (PDF) file in BRRTS on the Web.

#### 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 concrete/asphalt is required, as shown on the attached map (Groundwater, figure D.2, dated July 29, 2015), unless prior written approval has been obtained from the DNR:

- removal of the existing barrier or cover;
- replacement with another barrier or cover;
- 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.

#### **Closure Conditions**

Compliance with the requirements of this letter is a responsibility to which you, 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 plan are met. If these requirements are not followed, the DNR may take enforcement action under s. 292.11, Wis. Stats., to ensure compliance with the specified requirements, limitations or other conditions related to the property.

Please send written notifications in accordance with the following requirements to:

Department of Natural Resources

Attn: Remediation and Redevelopment Program Environmental Program Associate, Wisconsin

Department of Natural Resources, 3911 Fish Hatchery Road, Fitchburg, WI 53711

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

Groundwater contamination greater than enforcement standards is present on this contaminated property, as shown on the attached map (Groundwater Isoconcentration, B.3.b, dated October 22, 2013). If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval.

Cover or Barrier (s. 292.12 (2) (a), Wis. Stats., s. NR 726.15, s. NR 727.07 Wis. Adm. Code) The concrete/ asphalt that exists in the location shown on the attached map (Groundwater, figure D.2, dated July 29, 2015) shall be maintained in compliance with the attached maintenance plan (Cover or Barrier Maintenance Plan dated July 14, 2015) 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.

A request may be made to modify or replace a cover or barrier. Before removing or replacing the cover, you must notify the DNR at least 45 days before taking an action. 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. A cover or barrier for industrial land uses, or certain types of commercial land uses may not be protective if the 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. In addition, a cover or barrier for multi-family residential housing use may not be appropriate for use at a single family residence.

The attached maintenance plan (Cover or Barrier Maintenance Plan dated July 14, 2015) and inspection log (DNR form 4400-305) are to be kept up-to-date and on-site. Inspections shall be conducted annually, in accordance with the attached maintenance plan. Submit the inspection log to the DNR only upon request.

#### PECFA Reimbursement

Section 101.143, Wis. Stats., requires that Petroleum Environmental Cleanup Fund Award (PECFA) claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement. If there is equipment purchased with PECFA funds remaining at the site, contact the DNR Project Manager to determine the method for salvaging the equipment.

Per Wisconsin Act 55 (2015 State budget), a claim for PECFA reimbursement must be submitted within 180 days of incurring costs (i.e., completing a task). If your final PECFA claim is not submitted within 180 days of incurring the costs, the costs will not be eligible for PECFA reimbursement.

#### In Closing

Please be aware that the case may be reopened pursuant to s. NR 727.13, Wis. Adm. Code, for any of the following situations:

- 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,
- if the property owner does not comply with the conditions of closure, with any deed restrictions applied to the property, or with a certificate of completion issued under s. 292.15, Wis. Stats., or
- a property owner fails to maintain or comply with a continuing obligation (imposed under this closure approval letter).

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 Larry Lester at 608-275-3465, or at lawrence.lester@wisconsin.gov.

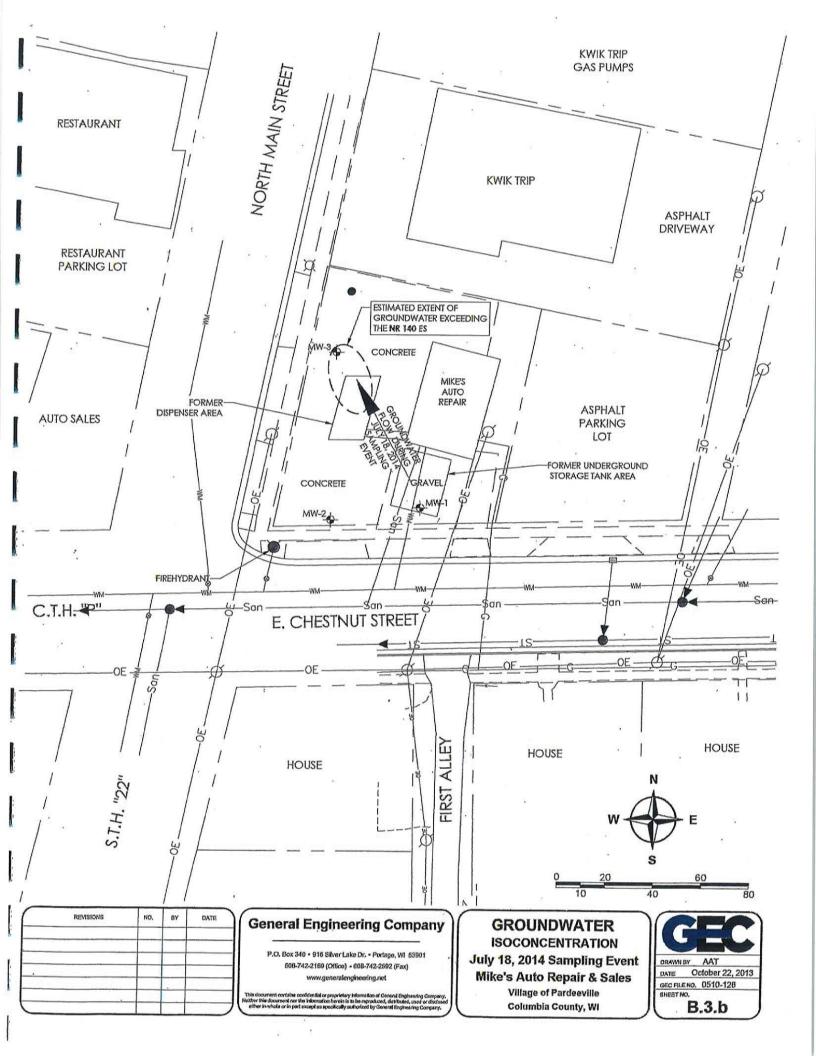
Sincerely,

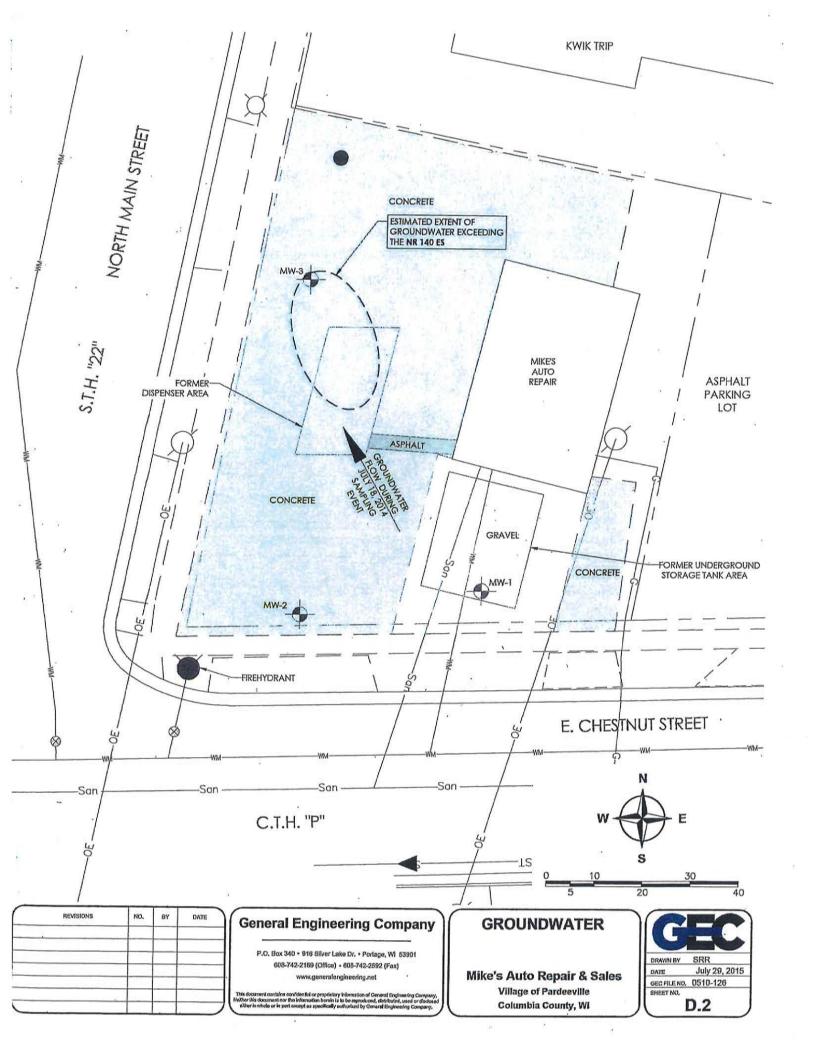
Linda Hanefeld South Central Region Team Supervisor Remediation & Redevelopment Program

#### Attachments:

- Groundwater Isoconcentration, B.3.b, dated October 22, 2013
- Groundwater, figure D.2, dated July 29, 2015
- Cover or Barrier Maintenance Plan dated July 14, 2015
- Inspection Log, DNR form 4400-305

cc: Bradley, General Engineering Company





#### **COVER OF BARRIER MAINTENANCE PLAN**

(to be included in Form 4400-202, as Attachment D)

July 14, 2015

Property Located at:

104 North Main Street Pardeeville, Wisconsin

BRRTS No. 03-11-555987 (Mike's Auto Repair and Sales)

Tax/Parcel Identification Numbers 11171-1

Introduction

This document is the Maintenance Plan for concrete pavement cap at the above-referenced property in accordance with the requirements of s. NR 724.13(2), Wis. Adm. Code. The maintenance activities relate to the concrete pavement cap, which addresses or occupies the areas over the contaminated groundwater near the former dispenser island and MW-3.

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

- The case file in the DNR South Central Regional office
- BRRTS on the Web (DNR's internet based data base of contaminated sites) for the link to a PDF for site-specific information at the time of closure and on continuing obligations;
- RR Sites Map/GIS Registry layerfor a map view of the site, and
- The DNR project manager for Columbia County.

#### D.1. Descriptions:

#### **Description of Contamination**

Groundwater contaminated by 1,2,4 trimethylbenzene at a level exceeding its NR 140 ES is present near the location of the former dispenser island and extending toward the north to MW-3. Groundwater is present at depths ranging from about 12 to 15 feet below grade on the subject property. The extent of groundwater contamination is shown on the attached map (B.1.b).

#### Description of the Building Barrier and Pavement Caps to be Maintained

The cap consists of the 4-inch concrete pavement currently present on the subject property. The capped area is shown on Figure D.2.

#### Cover/Building/Slab/Barrier Purpose

The concrete cap over the contaminated groundwater serves as a barrier to prevent direct human contact with residual soil contamination that might otherwise pose a threat to human health. The concrete cap also serves 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 commercial use of the property, the barrier should function as intended unless disturbed.

#### Annual Inspection

The concrete cap overlying the contaminated groundwater as depicted in Figure D.2 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 infiltration into underlying soils. 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 D.4, Form 4400-305, Continuing Obligations Inspection and Maintenance 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. Once repairs are completed, they will be documented in the inspection log. A copy of the maintenance plan and inspection log will be kept at the site; or, if there is no acceptable place (for example, no building is present) to keep it at the site, at the address of the property owner and available for submittal or inspection by Wisconsin Department of Natural Resources (DNR) 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. 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 concrete pavement cap overlying the contaminated groundwater 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 DNR or its successor.

The property owner, in order to maintain the integrity of the concrete pavement cap, will maintain a copy of this Maintenance Plan at the site; or, if there is no acceptable place to keep it at the site, at the address of the property owner 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/Barrier

The following activities are prohibited on any portion of the property where a building foundation or pavement cap are 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; 7) 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.

If removal, replacement or other changes to a cover, or a building which is acting as a cover, are considered, the property owner will contact DNR at least 45 days before taking such an action, to determine whether further action may be necessary to protect human health, safety, or welfare or the environment, in accordance with s. NR 727.07, Wis. Adm. Code.

## 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 DNR.

**Contact Information** 

July/2015

Site Owner and Operator:

Mikes Auto Repair and Sales

104 North Main Street Pardeeville, WI 53954 (608) 429-2600

Signature:

Property Owner:

asser yemmerman

Mike and Lori Zimmerman 104 North Main Street Pardeeville, WI 53954

(608) 429-2600

Signature:

Consultant:

General Engineering Company

916 Silver Lake Drive Portage, Wisconsin 53901

(608)742-2169

DNR:

Lawrence Lester

3911 Fish Hatchery Road Fitchburg, Wisconsin 53711

(608) 275-3266

State of Wisconsin Department of Natural Resources dnr.wi.gov

## **Continuing Obligations Inspection and Maintenance Log**

Form 4400-305 (2/14)

Page 1 of 2

Directions: In accordance with s. NR 727.05 (1) (b) 3., Wis. Adm. Code, use of this form for documenting the inspections and maintenance of certain continuing obligations is required. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.]. When using this form, identify the condition that is being inspected. See the closure approval letter for this site for requirements regarding the submittal of this form to the Department of Natural Resources. A copy of this inspection log is required to be maintained either on the property, or at a location specified in the closure approval letter. Do NOT in the closure letter. The project manager may also be identified from the database, BRRTS on the Web, at <a href="http://dnr.wi.gov/botw/SetUpBasicSearchForm.do">http://dnr.wi.gov/botw/SetUpBasicSearchForm.do</a>, by searching for the site

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• •	<i>*</i> .	<b>.</b>	·		BRRTS No.		
	to Repair and Sa	conducted (see closure a	and a constitution of the		03-1	1-555987	1
ii ispections	annual     semi-a     other -	ly nnually		When submittal of this form is required, submit manager. An electronic version of this filled out the following email address (see closure appro	TOTM OF A SCANNAN	ally to the I version m	DNR project ay be sent to
Inspection Date	Inspector Name	Item	Describe the condition of the item that is being inspected	Recommendations for repair or mainte	recomr	evious nendations mented?	Photographs taken and attached?
		monitoring well cover/barrier vapor mitigation system other:					OYON
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State of Wisconsin Department of Natural Resources PO Box 7921, Madison WI 53707-7921 dnr.wi.gov

### Case Closure - GIS Registry

Form 4400-202 (R 3/15)

Page 1 of 13

#### SUBMIT AS UNBOUND PACKAGE IN THE ORDER SHOWN

**Notice:** Pursuant to ch. 292, Wis. Stats., and chs. NR 726 and 746, Wis. Adm. Code, this form is required to be completed for case closure requests. The closure of a case means that the Department of Natural Resources (DNR) has determined that no further response is required at that time based on the information that has been submitted to the DNR. All sections of this form must be completed unless otherwise directed by the Department. DNR will consider your request administratively complete when the form and all sections are completed, all attachments are included, and the applicable fees required under ch. NR 749, Wis. Adm. Code, are included, and sent to the proper destinations. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records Law (ss. 19.31 - 19.39, Wis. Stats.). Incomplete forms will be considered "administratively incomplete" and processing of the request will stop until required information is provided.

Site Information		
BRRTS No.	VPLE No.	
03-11-555987	03-11-555987	
Parcel ID No.	1 (1)	
11171-1		
FID No.		coordinates.
N/A	X 576523	Y 240562
BRRTS Activity (Site) Name	WTM Coordinates Represent:	340563
Mikes Auto Repair and Sales	Source Area	Parcel Center
Site Address	City	State ZIP Code
104 North Main Street	Pardeeville	WI 53954
Acres Ready For Use	n arucevine	W1 33754
a description of the description	0.21	
Responsible Party (RP) Name		
Mike and Lori Zimmerman	F.	
Company Name		
Mike's Auto Repair and Sales		
Mailing Address	City	State ZIP Code
104 North Main Street	Pardeeville	WI 53594
Phone Number	Email	χ.
(608) 429-2600	mikesauto2@verizon.net	
Check here if the RP is the owner of the source proper	ty.	
Environmental Consultant Name	3 76 2	
Lynn Bradley	. w 	
Consulting Firm		
General Engineering	1	
Mailing Address	City	State ZIP Code
916 Silver Lake Drive	Portage	WI 53901
Phone Number	Email	
(608) 742-2169	lbradley@generalengineering.ne	et .
Fees and Mailing of Closure Request		
<ol> <li>Send a copy of page one of this form and the applica (Environmental Program Associate) at http://dnr.wi.g</li> </ol>	able ch. NR 749, Wis. Adm. Code, fee(s) to ov/topic/Brownfields/Contact.html. Che	o the DNR Regional EPA eck all fees that apply:
∑ \$1,050 Closure Fee	\$300 Database Fee for	
\$350 Database Fee for Groundwater or	Total Amount of Payment \$	\$1,400.00
Monitoring Wells (Not Abandoned)	Resubmittal, Fees Previ	iously Paid
<ol><li>Send one paper copy and one e-copy on compact assigned to your site. Submit as <u>unbound</u>, <u>separate</u> d</li></ol>	disk of the entire closure package to the locuments in the order and with the titles p	Regional Project Manager rescribed by this form. For

electronic document submittal requirements, see http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf,

Activity (Site) Name

#### Case Closure - GIS Registry

Form 4400-202 (R 3/15)

Page 2 of 13

Site Summary

If any portion of the Site Summary Section is not relevant to the case closure request, you must fully explain the reasons why in the relevant section of the form. All information submitted shall be legible. Providing illegible information will result in a submittal being considered incomplete until corrected.

#### 1. General Site Information and Site History

A. Site Location: Describe the physical location of the site, both generally and specific to its immediate surroundings. The subject property is located at 104 North Main Street in the Village of Pardeeville, Wisconsin. The subject property consists of an approximately 0.21-acre parcel (Tax Parcel ID 11171-1). More specifically, the property is located within the Southeast 1/4 of the Northwest 1/4 of Section 3, Township 12 North, Range 10 East, Columbia County, Wisconsin.

One structure, utilized as an automobile repair facility, is currently present on the subject site. The structure is located on the northeastern portion of the subject property. The site is accessible from North Main Street or East Chestnut Street via concrete driveways. The subject property is located in a mixed residential and commercial area of the Village. The surrounding properties include Kwik Trip, Inc. to the north; East Chestnut Street followed by residential properties to the south; a vacant lot followed by an alley to the east; and North Main Street (State Highway 22) followed by commercial properties to the west.

B. Prior and current site usage: Specifically describe the current and historic occupancy and types of use. The site was previously occupied by Babcock's Shell and Babcock's Auto Repair. According to the Columbia County Land Records System, a site survey performed on February 28, 1953, indicated fuel tanks on the south side of the building, dispensers on the west central portion of the property and an apparent automobile repair garage was present on the northeastern portion of the property.

The structure present at that time still appears to be present on the northeastern portion of the property and is currently occupied by Mike's Auto Repair and Sales. The ground surface is concrete on the western half of the property, while gravel covers the eastern half of the property.

According to the Wisconsin Department of Agriculture, Trade and Consumer Protection Storage Tank Database, six (6) underground storage tanks including, one (1) 1,000-gallon and one (1) 2,000-gallon storing unleaded gasoline, one (1) 1,000-gallon storing leaded gasoline, two (2) 250-gallon storing waste oil, and one (1) 300-gallon storing fuel oil. The tanks are registered as closed/removed on November 7, 1989.

- C. Current zoning (e.g., industrial, commercial, residential) for the site and for neighboring properties, and how verified (Provide documentation in Attachment G).
  - The subject property is currently zoned commercial. The adjoining property to the north (Kwik Trip, Inc) is zoned commercial; the adjoining property to the south, beyond East Chestnut Street is zoned residential; the adjoining property to the east is zoned commercial; and the adjoining properties to the west beyond North Main Street are zoned commercial.
- D. Describe how and when site contamination was discovered.
  - On June 10, 2010, a Limited Phase II Environmental Site Assessment was performed on-site. One soil sample was collected from near the area of the former dispenser, west of the building. Analytical results indicated petroleum compounds above the laboratory limit of detection but below each compound's respective soil standards. Based on olfactory observations and PID results, it also appeared that groundwater had been impacted by the release.
- E. Describe the type(s) and source(s) or suspected source(s) of contamination.
  Based on the performed soil probes, borings, and analytical testing, it appears that the contaminants released were unleaded/leaded gasoline from the area of the former dispensers located west of the building. There is no indication that a release has occurred from the former USTs on the subject property at the present time.
- F. Other relevant site description information (or enter Not Applicable).

  Municipal well 1 is located approximately 300 feet southwest of subject site. Overhead electric enters the site on the southern property line, running north to the southeastern corner of the building. The sanitary sewer and water main also enter on the southern property line and run north to the southwestern corner of the building.
- G. List BRRTS activity/site name and number for BRRTS activities at this source property, including closed cases. Mike's Auto and Repair Sales (03-11-555987)
- H. List BRRTS activity/site name(s) and number(s) for all properties immediately adjacent to (abutting) this source property. Kwik Trip #314 (03-11-002628); adjoining property to the north

#### 2. General Site Conditions

- A. Soil/Geology
  - Describe soil type(s) and relevant physical properties, thickness of soil column across the site, vertical and lateral variations in soil types.
    - Soils observed during soil borings SB-2 through SB-4, advanced on April 7, 2011, mainly consisted of 4 inches of

Activity (Site) Name

Form 4400-202 (R 3/15)

, Page 3 of 13

concrete underlain by brown sandy silt fill to a depth of 1 foot. The fill was underlain by natural brown silty sand or sand to the termination depth of the borings at 20 feet below the ground surface. As an exception, the soils observed in soil boring SB-1 mainly consisted of dark brown to light brown sand fill to depths of at least 4 feet, which were underlain by natural brown sand to the termination depth of the boring at approximately 20 feet below the ground surface.

- ii. Describe the composition, location and lateral extent, and depth of fill or waste deposits on the site.

  Fill was present within the area of the former USTs. The fill consisted of dark brown to light brown sand and extended to a depth of at least 4 feet with the samples collected from SB-1, which was performed near the southern end of the former UST system.
- iii. Describe the depth to bedrock, bedrock type, competency and whether or not it was encountered during the investigation. Bedrock was not encountered during the investigation activities. Based on the regional geology in the Pardeeville area, bedrock is typically located approximately 100 feet below the ground surface. Bedrock typically consists of Cambrian age sandstone, some shale, siltstone, and dolomite. The Cambrian sandstone can range from 0 to more than 800 feet thick is the south central part of the county.
- iv. Describe the nature and locations of current surface cover(s) across the site (e.g., natural vegetation, landscaped areas, gravel, hard surfaces, and buildings).
  - The ground surface surrounding the structure on the western half of the property is concrete, while gravel covers the eastern portion of the property.

#### B. Groundwater

- i. Discuss depth to groundwater and piezometric elevations. Describe and explain depth variations, including high and low water table elevation and whether free product affects measurement of water table elevation. Describe the stratigraphic unit(s) where water table was found or which were measured for piezometric levels.
  - Three groundwater monitoring wells were installed as part of the investigative activities. Depth to groundwater has ranged from 12.81 feet below top of casing (TOC) at MW-2 on July 18, 2014 to 15.56 feet below TOC at MW-3 on November 4, 2011. The groundwater elevation has ranged from EL. 83.31 at MW-3 on November 4, 2011 to EL. 85.87 at MW-1 on July 18, 2014. Free product was not observed within the wells during the investigative activities. Groundwater was observed within natural sand/silty sand at the soil boring locations.
- ii. Discuss groundwater flow direction(s), shallow and deep. Describe and explain flow variations, including fracture flow if present.
  - Groundwater flow was to the north/northwest during each sampling round including June 17, 2011, November 4, 2011, May 8, 2013, and July 18, 2014. An evaluation of deep groundwater flow does not appear to be necessary for this investigation. No bedrock was encountered during the site investigation activities, therefore no evaluation of fracture flow is necessary.
- iii. Discuss groundwater flow characteristics: hydraulic conductivity, flow rate and permeability, or state why this information was not obtained.
  - This information was not necessary to evaluate the degree or extent of the affected zones and was not collected during performance of the investigative activities.
- iv. Identify and describe locations/distance of potable and/or municipal wells within 1200 feet of the site. Include general summary of well construction (geology, depth of casing, depth of screened or open interval).
  - The property is serviced by the Village of Pardeeville municipal water system. The Village of Pardeeville utilizes three municipal wells. Two are located beyond 1,200 feet from the subject property. Well 3 is located approximately 300 feet southwest of the subject site. Due to the groundwater flow toward the north/northwest (away from the municipal well) and no enforcement standard is currently exceeded within the monitoring wells, well construction data was not obtained.

#### 3. Site Investigation Summary

#### A. General

- i. Provide a brief summary of the site investigation history. Reference previous submittals by name and date. Describe site investigation activities undertaken since the last submittal for this project and attach the appropriate documentation in Attachment C, if not previously provided.
  - On April 7, 2011 Midwest Engineering Services performed 4 soil borings under the direction of General Engineering Company. The borings were designated SB-1, SB-2, SB-3, and SB-4. Soil borings SB-1 to SB-3 were converted to monitoring wells MW-1 to MW-3, respectively. SB-1/MW-1 was advanced near the southern end of the former underground storage tanks; SB-2/MW-2 was advanced in the area west/southwest of the former tanks and south of the former dispensers; SB-3/MW-3 was advanced just to the northwest of the former dispensers; and SB-4 was advanced north of the former dispenser near the northern property line. One soil sample from each boring was collected from near the depth of groundwater (or below groundwater at SB-4) and submitted for laboratory analysis of Diesel Range Organics (DRO), Gasoline Range Organics (GRO), Petroleum Volatile Organic Compounds (PVOC) and naphthalene. The soil samples were collected from depths of 12 to 17 feet below ground surface.

Analytical results from one soil sample performed near the northern property boundary (SB-4) collected from a depth of

Activity (Site) Name Form 4400-202 (R 3/15)

BRRTS No.

about 15 to 17 feet, below the groundwater depth of 13 to 15 feet, exhibited DRO and GRO, naphthalene, and 1,2,4 and 1,3,5- trimethylbenzene concentrations. The levels of naphthalene and trimethylbenzene were slightly above each compounds respective soil to groundwater standard. The soil samples collected from SB-1, 2, and 3 did not contain petroleum compounds above the laboratory limit of detection.

The three groundwater monitoring wells were developed on June 17, 2011. Groundwater samples were collected from monitoring wells MW-1, MW-2, and MW-3 on June 17, 2011, November 4, 2011, May 8, 2013, and July 18, 2014. Groundwater samples collected from MW-1 and MW-2 have not contained PVOCs during any of the sampling rounds performed. The samples collected at MW-1 and MW-2 have not contained lead levels above the laboratory method adjusted reporting limit or NR 140 preventive action limit (PAL) for lead during the sampling rounds. The samples collected from MW-3 (near the dispenser island) contained naphthalene and 1,2,4 trimethylbenzene at levels exceeding each compound's respective NR 140 ES during the first two sampling rounds. The sample also contained a few gasoline related VOCs for compounds without an established NR 140 ES. Lead was also detected at levels exceeding its NR 140 PAL during the initial sampling round at MW-3. However, during the previous two sampling rounds on May 8, 2013 and July 18, 2014, the samples collected from MW-3 have not contained PVOCs at levels exceeding the NR 140 ES. The samples did contain benzene, ethylbenzene, naphthalene, trimethylbenzene, and xylene at levels exceeding each compound's respective NR PAL during the previous one to two sampling rounds.

- Identify whether contamination extends beyond the source property boundary, and if so describe the media affected (e.g., soil, groundwater, vapors and/or sediment, etc.), and the vertical and horizontal extent of impacts. The soil sample collected from SB-4, near the northern property boundary, on April 7, 2011 contained naphthalene at a concentration of 863 micrograms per kilogram (ug/kg); 1,2,4 trimethylbenze (2,700 ug/kg); and 1,3,5 trimethylbenzene (1,590 ug/kg), which slightly exceed their respective soil to groundwater standards of 658.2 ug/kg, 1382.1 ug/kg, and 1382.1 ug/kg. It should be noted that PID levels observed at SB-3/MW-3 (where PVOCs have not been detected within groundwater at levels exceeding the NR 140 ES during the previous two sampling rounds) were detected at up to 1457 instrument units (IU) while the highest levels observed near groundwater at SB-4 were 648 IU. Therefore, it does not appear likely that affected groundwater exceeding the current standards is present on the northern adjoining property. There is no indication from the tests performed that affected soil or groundwater is present near the eastern, southern or western property boundaries.
- Identify any structural impediments to the completion of site investigation and/or remediation and whether these impediments are on the source property or off the source property. Identify the type and location of any structural impediment (e.g., structure) that also serves as the performance standard barrier for protection of the direct contact or the groundwater pathway.

There were no structural impediments (including the on-site building) to the completion of the site investigation activities.

#### B. Soil

- Describe degree and extent of soil contamination. Relate this to known or suspected sources and known or potential receptors/migration pathways.
  - The soil samples collected near the suspected source of the contamination (former dispenser island) at SS-1 (Limited Phase II ESA) and from SB-3 (site investigation) did not contain PVOCs at levels exceeding their established standards. Due to the natural sand/silty sand soils, it anticipated that affected soils are present primarily directly below the former dispenser area and that the soil contamination extends to groundwater where contaminants are transported to the north/ northwest. Therefore, there do not appear to be any receptors/migration pathways of concern with the exception of groundwater. Since the tank system has been removed and there is no indication of highly affected soils, further degradation of groundwater appears to be unlikely. The observed soil contamination detected within the soil sample at SB-4 was collected beneath the water table. There does not appear to be soil contamination present above the groundwater near SB-4.
- Describe the concentration(s) and types of soil contaminants found in the upper four feet of the soil column. No indications of petroleum contamination or PID results were observed within the upper four feet of soil at the tested locations.
- Identify the ch. NR 720, Wis. Adm. Code, method used to establish the soil cleanup standards for this site. This includes a soil performance standard established in accordance with s. NR 720.08, a Residual Contaminant Level (RCL) established in accordance with s. NR 720.10 that is protective of groundwater quality, or an RCL established in accordance with s. NR 720.12 that is protective of human health from direct contact with contaminated soil. Identify the land use classification that was used to establish cleanup standards. Provide a copy of the supporting calculations/ information in Attachment C.

The soil cleanup standards for this site were compared to the WDNR's established RCL spreadsheet for non-industrial properties.

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Describe degree and extent of groundwater contamination. Relate this to known or suspected sources and known or
potential receptors/migration pathways. Specifically address any potential or existing impacts to water supply wells or
interception with building foundation drain systems.

The extent of groundwater contamination appears to be confined to a small area within close proximity to the former dispenser island, which is the suspected source of the release. Groundwater samples collected from MW-3 (downgradient of the dispenser area) during the initial two sampling rounds contained a few PVOCs at levels exceeding their respective NR 140 ES. However, during the previous two sampling rounds, the samples collected at MW-3 have only contained a few PVOCs at levels exceeding their respective NR 140 PAL. None of the other samples at MW-1 or MW-2 have contained petroleum compounds during any of the sampling rounds. There does not appear to be the potential for water supply wells or building foundation drain systems to have been impacted by the release.

ii. Describe the presence of free product at the site, including the thickness, depth, and locations. Identify the depth and location of the smear zone.

There has been no free product identified during the investigative activities.

#### D. Vapor

- Describe how the vapor migration pathway was assessed, including locations where vapor, soil gas, or indoor air samples were collected. If the vapor pathway was not assessed, explain reasons why.
  - Their is no indication that a vapor assessment was necessary as part of this investigation, based on upon the apparent source area of soil contamination (dispenser island to the west of the building), the depth to groundwater (13 to 15 feet), and the relatively low levels of contaminants identified within soil and groundwater during the investigative activities.
- ii. Identify the applicable DNR action levels and the land use classification used to establish them. Describe where the DNR action levels were reached or exceeded (e.g., sub slab, indoor air or both).
  - No vapor testing appeared to be necessary or was performed discussed in D i.

#### E. Surface Water and Sediment

- i. Identify whether surface water and/or sediment was assessed and describe the impacts found. If this pathway was not assessed, explain why.
  - No surface water/sediment was present in the immediate vicinity of the subject property/investigation area or on adjoining properties; therefore no surface water and/or sediment was assessed as part of the investigative activities.
- Identify any surface water and/or sediment action levels used to assess the impacts for this pathway and how these were derived. Describe where the DNR action levels were reached or exceeded.
   See E i.

#### 4. Remedial Actions Implemented and Residual Levels at Closure

A. General: Provide a brief summary of the remedial action history. List previous remedial action report submittals by name and date. Identify remedial actions undertaken since the last submittal for this project and provide the appropriate documentation in Attachment C.

No remedial actions were performed.

- B. Describe any immediate or interim actions taken at the site under ch NR 708, Wis. Adm. Code. No immediate or interim actions were taken under ch NR 708.
- C. Describe the active remedial actions taken at the source property, including: type of remedial system(s) used for each media affected; the size and location of any excavation or in-situ treatment; the effectiveness of the systems to address the contaminated media and substances; operational history of the systems; and summarize the performance of the active remedial actions. Provide any system performance documentation in Attachment A.7.

No remedial action, systems, excavations, etc. were performed at the site.

- D. Describe the alternatives considered during the Green and Sustainable Remediation evaluation in accordance with NR 722.09 and any practices implemented as a result of the evaluation.
  - No Green or Sustainable remediation was necessary or performed as part of this investigation.
- E. Describe the nature, degree and extent of residual contamination that will remain at the source property or on other affected properties after case closure.

It appears that gasoline affected soil will remain within an isolated area beneath the former dispensers although no vadose zone contamination at levels exceeding the standards has been identified within the soil at the tested locations (SS-1 and SB-3). In addition, it appears that petroleum affected groundwater in excess of the NR 140 ES will remain in the area of the former dispenser island (MW-3).

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- F. Describe the residual soil contamination within four feet of ground surface (direct contact zone) that attains or exceeds RCLs established under s. NR 720.12, Wis. Adm. Code, for protection of human health from direct contact.

  No affected soils have been identified within the upper four feet of soil at the tested locations.
- G. Describe the residual soil contamination that is above the observed low water table that attains or exceeds the soil standard(s) for the groundwater pathway.

There is no soil present at the tested locations that was observed above the low water table that attains or exceeds the soil standards for the groundwater pathway including the sample at SB-4, which was collected a few feet beneath the groundwater level.

- H. Describe how the residual contamination will be addressed, including but not limited to details concerning: covers, engineering controls or other barrier features; use of natural attenuation of groundwater; and vapor mitigation systems or measures.
  - The residual groundwater contamination will be addressed by the concrete barrier overlying the groundwater contamination exceeding the NR 140 ES near MW-3. It does not appear that a vapor mitigation system is necessary or warranted as previously discussed within relevant sections above. In addition, it appears that natural attenuation is occurring at the site based on the test data which is discussed below in 4 I.
- If using natural attenuation as a groundwater remedy, describe how the data collected supports the conclusion that natural attenuation is effective in reducing contaminant mass and concentration (e.g., stable or receding groundwater plume).
   The samples collected from MW-3, which contained PVOCs at levels exceeding their respective NR 140 ES during the initial two sampling rounds, have contained only PAL exceedances within the two most recent sampling rounds. Petroleum compounds were not detected at monitoring wells MW-1 and MW-2.
- J. Identify how all exposure pathways (soil, groundwater, vapor) were removed and/or adequately addressed by immediate, interim and/or remedial action(s).
  - No immediate or interim actions were performed.
- K. Identify any system hardware anticipated to be left in place after site closure, and explain the reasons why it will remain. No system hardware will be left in place after site closure.
- L. Identify the need for a ch. NR 140, Wis. Adm. Code, groundwater Preventive Action Limit (PAL) or Enforcement Standard (ES) exemption, and identify the affected monitoring points and applicable substances.
  - A NR 140 ES exemption will be necessary for MW-3 due to the former presence of 1,2,4 trimethylbenzene at a level exceeding its respective NR 140 ES. A NR 140 PAL exemption will be necessary for MW-3 due to the presence of benzene, ethylbenzene, naphthalene, 1,3, 5 trimethylbenzene, and xylene at levels exceeding each compound's respective PAL.
- M. If a DNR action level for vapor intrusion was exceeded (for indoor air, sub slab, or both) describe where it was exceeded and how the pathway was addressed.
  - No vapor data was collected from indoor air or sub slab for this site investigation.
- N. Describe the surface water and/or sediment contaminant concentrations and areas after remediation. If a DNR action level was exceeded, describe where it was exceeded and how the pathway was addressed.
   No surface water/sediment was sampled as part of this site investigation.

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Continuing Obligations: Situations where sites, including all affected properties and rights-of-way (ROWs), are included on the DR's GIS Registry. In certain situations, maintenance plans are also required, and must be included in

Directions: For each of the 3 property types below, check all situations that apply to this closure request.

(NOTE: Monitoring wells to be transferred to another site are addressed in Attachment E.)

		-			
	This situatio	n applies to t r Right of Wa	he following ay (ROW):		
	Property Typ	oe:		Case Closure Situation - Continuing Obligation Inclusion on the GIS Registry is Required (ii xiv.)	Maintenance Plan Required
	Source Property	Affected Property (Off-Source)	ROW	=	rtequiled
L			$\boxtimes$	None of the following situations apply to this case closure request.	NA
iia	$\boxtimes$			Residual groundwater contamination exceeds ch. NR 140 ESs.	NA
ıü.				Residual soil contamination exceeds ch. NR 720 RCLs.	NA
iv.	\			Monitoring Wells Remain:	
				Not Abandoned (filled and sealed)	. NA
				Continued Monitoring (requested or required)	Yes
٧.				Cover/Barrier/Engineered Cover or Control for (soil) direct contact pathways (includes vapor barriers)	Yes
vi.	$\boxtimes$			Cover/Barrier/Engineered Cover or Control for (soil) groundwater infiltration pathway	Yes
vii.				Structural Impediment: impedes completion of investigation or remedial action (not as a performance standard cover)	NA
viii.				Residual soil contamination meets NR 720 industrial soil RCLs, land use is classified as industrial	NA
ix.			NA	Vapor Mitigation System (VMS) required due to exceedances of vapor risk screening levels or other health based concern	Yes
X.			NA	Vapor: Dewatering System needed for VMS to work effectively	Yes
хi.			NA	Vapor: Compounds of Concern in use: full vapor assessment could not be completed	NA
xii			NA	Vapor: Commercial/industrial exposure assumptions used.	NA
xiii.				Vapor: Residual volatile contamination poses future risk of vapor intrusion	NA
xiv.		e 🗔		Site-specific situation: (e.g., fencing, methane monitoring, other) (discuss with project manager before submitting the closure request)	Site specific
	Inderground  A. Were any or remedi	tanks, piping	n <b>ks</b> g or other ass	sociated tank system components removed as part of the investigation	Yes   No
E	3. Do any up	ograded tanks	s meeting the	e requirements of ch. ATCP 93, Wis. Adm. Code, exist on the property?	Yes   No
	If the ans	ver to auestic	n 6 R is ves	s is the leak detection system currently being monitored?	Yes O No

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#### General Instructions

All information shall be legible. Providing illegible information will result in a submittal being considered incomplete until corrected. For each attachment (A-G), provide a Table of Contents page, listing all 'applicable' and 'not applicable' items by Closure Form titles (e.g., A.1. Groundwater Analytical Table, A.2. Soil Analytical Results Table, etc.). If any item is 'not applicable' to the case closure request, you must fully explain the reasons why.

#### Data Tables (Attachment A)

#### **Directions for Data Tables:**

- Use bold and italics font for information of importance on tables and figures. Use bold font for ch. NR 140, Wis. Adm. Code ES
  attainments or exceedances, and italicized font for ch. NR 140, Wis. Adm. Code, PAL attainments or exceedances.
- Use bold font to identify individual ch. NR 720 Wis. Adm. Code RCL exceedances. Tables should also include the corresponding
  groundwater pathway and direct contact pathway RCLs for comparison purposes. Cumulative hazard index and cumulative cancer
  risk exceedances should also be tabulated and identified on Tables A.2 and A.3.
- Do not use shading or highlighting on the analytical tables.
- Include on Data Tables the level of detection for results which are below the detection level (i.e., do not just list as no detect (ND)).
- · Include the units on data tables.
- Summaries of all data <u>must</u> include information collected by previous consultants.
- Do not submit lab data sheets unless these have not been submitted in a previous report. Tabulate all data required in s. NR 716.15 (3)(c), Wis. Adm. Code, in the format required in s. NR 716.15(4)(e), Wis. Adm. Code.
- Include in Attachment A all of the following tables, in the order prescribed below, with the specific Closure Form titles noted on the separate attachments (e.g., Title: A.1. Groundwater Analytical Table; A.2. Soil Analytical Results Table, etc.).
- For required documents, each table (e.g., A.1., A.2., etc.) should be a separate Portable Document Format (PDF).

#### A. Data Tables

- A.1. Groundwater Analytical Table(s): Table(s) showing the analytical results and collection dates for all groundwater sampling points (e.g., monitoring wells, temporary wells, sumps, extraction wells, potable wells) for which samples have been collected.
- A.2. Soil Analytical Results Table(s): Table(s) showing all soil analytical results and collection dates. Indicate if sample was collected above or below the observed low water table (unsaturated versus saturated).
- A.3. Residual Soil Contamination Table(s): Table(s) showing the analytical results of only the residual soil contamination at the time of closure. This table shall be a subset of table A.2 and should include only the soil sample locations that exceed an RCL. Indicate if sample was collected above or below the observed low water table (unsaturated versus saturated). Table A.3 is optional only if a total of fewer than 15 soil samples have been collected at the site.
- A.4. Vapor Analytical Table(s): Table(s) showing type(s) of samples, sample collection methods, analytical method, sample results, date of sample collection, time period for sample collection, method and results of leak detection, and date, method and results of communication testing.
- A.5. Other Media of Concern (e.g., sediment or surface water): Table(s) showing type(s) of sample, sample collection method, analytical method, sample results, date of sample collection, and time period for sample collection.
- A.6. Water Level Elevations: Table(s) showing all water level elevation measurements and dates from all monitoring wells. If present, free product should be noted on the table.
- A.7. Other: This attachment should include: 1) any available tabulated natural attenuation data; 2) data tables pertaining to engineered remedial systems that document operational history, demonstrate system performance and effectiveness, and display emissions data; and (3) any other data tables relevant to case closure not otherwise noted above. If this section is not applicable, please explain the reasons why.

#### Maps, Figures and Photos (Attachment B)

#### Directions for Maps, Figures and Photos:

- Provide on paper no larger than 11 x 17 inches, unless otherwise directed by the Department. Maps and figures may be submitted
  in a larger electronic size than 11 x 17 inches, in a PDF readable by the Adobe Acrobat Reader. However, those larger-size
  documents must be legible when printed.
- Prepare visual aids, including maps, plans, drawings, fence diagrams, tables and photographs according to the applicable portions
  of ss. NR 716.15(4), 726.09(2) and 726.11(3), (5) and (6), Wis. Adm. Code.
- Include all sample locations.
- Contour lines should be clearly labeled and defined.
- Include in Attachment B all of the following maps and figures, in the order prescribed below, with the specific Closure Form titles
  noted on the separate attachments (e.g., Title: B.1. Location Map; B.2. Detailed Site Map, etc).
- For the electronic copies that are required, each map (e.g., B.1.a., B.2.a, etc.,) should be a separate PDF.
- Maps, figures and photos should be dated to reflect the most recent revision.

#### B.1. Location Maps

- B.1.a. Location Map: A map outlining all properties within the contaminated site boundaries on a United States Geological Survey (U.S.G.S.) topographic map or plat map in sufficient detail to permit easy location of all affected and/or adjacent parcels. If groundwater standards are exceeded, include the location of all potable wells, including municipal wells, within 1200 feet of the area of contamination.
- B.1.b. **Detailed Site Map:** A map that shows all relevant features (buildings, roads, current ground surface cover, individual property boundaries for all affected properties, 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 attaining or exceeding a ch. NR 140 ES, and/or in relation to the boundaries of soil contamination attaining or exceeding a RCL. Provide parcel identification numbers for all affected properties.
- B.1.c. RR Sites Map: From RR Sites Map (http://dnrmaps.wi.gov/sl/?Viewer=RR Sites) attach a map depicting the source property, and all open and closed BRRTS sites within a half-mile radius or less of the property.

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**B.2.** Soil Figures

- B.2.a. Soil Contamination: Figure(s) showing the location of <u>all</u> identified unsaturated soil contamination. Use a single contour to show the horizontal extent of each area of contiguous soil contamination that exceeds a soil to groundwater pathway RCL as determined under ch. NR 720.Wis. Adm. Code. A separate contour line should be used to indicate the horizontal extent of each area of contiguous soil contamination that exceeds a direct contact RCL exceedances (0-4 foot depth).
- B.2.b. Residual Soil Contamination: Figure(s) showing only the locations of soil samples where unsaturated soil contamination remains at the time of closure (locations represented in Table A.3). Use a single contour to show the horizontal extent of each area of contiguous soil contamination that exceeds a soil to groundwater pathway RCL as determined under ch. NR 720 Wis. Adm. Code. A separate contour line should be used to indicate the horizontal extent of each area of contiguous soil contamination that exceeds a direct contact RCL exceedence (0-4 foot depth).

**B.3.** Groundwater Figures

B.3.a. Geologic Cross-Section Figure(s): One or more cross-section diagrams showing soil types and correlations across the site, water table and piezometric elevations, and locations and elevations of geologic rock units, if encountered. Display on one or more figures all of the following:

 Source location(s) and vertical extent of residual soil contamination exceeding an RCL. Distinguish between direct contact and the groundwater pathway RCLs.

Source location(s) and lateral and vertical extent if groundwater contamination exceeds ch. NR 140 ES.

Surface features, including buildings and basements, and show surface elevation changes.

Any areas of active remediation within the cross section path, such as excavations or treatment zones.

 Include a map displaying the cross-section location(s), if they are not displayed on the Detailed Site Map (Map B.1.b.)

B.3.b. **Groundwater Isoconcentration:** Figure(s) showing the horizontal extent of the post-remedial groundwater contamination exceeding a ch. NR 140, Wis. Adm. Code, PAL and/or an ES. Indicate the date and direction of groundwater flow based on the most recent sampling data.

B.3.c. **Groundwater Flow Direction:** Figure(s) representing groundwater movement at the site. If the flow direction varies by more than 20° over the history of the site, submit two groundwater flow maps showing the maximum variation in flow direction.

B.3.d. **Monitoring Wells:** Figure(s) showing all monitoring wells, with well identification number. Clearly designate any wells that: (1) are proposed to be abandoned; (2) cannot be located; (3) are being transferred; (4) will be retained for further sampling, or (5) have been abandoned.

B.4. Vapor Maps and Other Media

- B.4.a. Vapor Intrusion Map: Map(s) showing all locations and results for samples taken to investigate the vapor intrusion pathway in relation to residual soil and groundwater contamination, including sub-slab, indoor air, soil vapor, soil gas, ambient air, and communication testing. Show locations and footprints of affected structures and utility corridors, and/or where residual contamination poses a future risk of vapor intrusion.
- B.4.b. Other media of concern (e.g., sediment or surface water): Map(s) showing all sampling locations and results for other media investigation. Include the date of sample collection and identify where any standards are exceeded.

B.4.c. Other: Include any other relevant maps and figures not otherwise noted above. (This section may remain blank).

B.5. Structural Impediment Photos: One or more photographs documenting the structural impediment feature(s) which precluded a complete site investigation or remediation at the time of the closure request. The photographs should document the area that could not be investigated or remediated due to a structural impediment. The structural impediment should be indicated on Figures B.2.a and B.2.b.

#### Documentation of Remedial Action (Attachment C)

#### **Directions for Documentation of Remedial Action:**

- Include in Attachment C all of the following documentation, in the order prescribed below, with the specific Closure Form titles noted
  on the separate attachments (e.g., Title: C.1. Site Investigation Documentation; C.2. Investigative Waste, etc.).
- If the documentation requested below has already been submitted to the DNR, please note the title and date of the report for that particular document requested.
  - C.1. Site investigation documentation, that has not otherwise been submitted with the Site Investigation Report.

C.2. Investigative waste disposal documentation.

C.3. Provide a **description of the methodology** used along with all supporting documentation if the RCLs are different than those contained in the Department's RCL Spreadsheet available at: http://dnr.wi.gov/topic/Brownfields/Professionals.html.

C.4. Construction documentation or as-built report for any constructed remedial action or portion of, or interim action specified in s. NR 724.02(1), Wis. Adm. Code.

C.5. Decommissioning of Remedial Systems. Include plans to properly abandon any systems or equipment.

C.6. Other. Include any other relevant documentation not otherwise noted above (This section may remain blank).

#### Maintenance Plan(s) and Photographs (Attachment D)

#### Directions for Maintenance Plans and Photographs:

Attach a maintenance plan for each affected property (source property, each off-source affected property) with continuing obligations requiring future maintenance (e.g., direct contact, groundwater protection, vapor intrusion). See Site Summary section 5 for all affected property(s) requiring a maintenance plan. Maintenance plan guidance and/or templates for: 1) Cover/barrier systems; 2) Vapor intrusion; and 3) Monitoring wells, can be found at: http://dnr.wi.gov/topic/Brownfields/Professionals.html#tabx3

- D.1. Descriptions of maintenance action(s) required for maximizing effectiveness of the engineered control, vapor mitigation system, feature or other action for which maintenance is required:
  - Provide brief descriptions of the type, depth and location of residual contamination.

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- Provide a description of the system/cover/barrier/monitoring well(s) to be maintained.
- Provide a description of the maintenance actions required for maximizing effectiveness of the engineered control, vapor mitigation system, feature or other action for which maintenance is required.
- Provide contact information, including the name, address and phone number of the individual or facility who will be conducting the maintenance.
- D.2. Location map(s) which show(s): (1) the feature that requires maintenance; (2) the location of the feature(s) that require(s) maintenance - on and off the source property; (3) the extent of the structure or feature(s) to be maintained, in relation to other structures or features on the site; (4) the extent and type of residual contamination; and (5) all property boundaries.
- D.3. Photographs for site or facilities with a cover or other performance standard, a structural impediment or a vapor mitigation system, include one or more photographs documenting the condition and extent of the feature at the time of the closure request. Pertinent features shall be visible and discernible. Photographs shall be submitted with a title related to the site name and location, and the date on which it was taken.
- Inspection log, to be maintained on site, or at a location specified in the maintenance plan or approval letter. The inspection and maintenance log is found at: http://dnr.wi.gov/files/PDF/forms/4400/4400-305.pdf.

#### Monitoring Well Information (Attachment E)

**Directions for Monitoring Well Information:** 

For all wells that will remain in use, be transferred to another party, or that could not be located; attach monitoring well construction and development forms (DNR Form 4400-113 A and B: http://dnr.wi.gov/topic/groundwater/documents/forms/4400\_113\_1\_2.pdf)

lect	

	or one.
C	No monitoring wells were installed as part of this response action.
ledot	All monitoring wells have been located and will be properly abandoned upon the DNR granting conditional closure to the site
	Select One or More:
	Not all monitoring wells can be located, despite good faith efforts. Attachment E must include a description of efforts made to locate the wells.
	One or more wells will remain in use at the site after this closure. Attachment E must include documentation as to the reason (s) the well(s) will remain in use. When one or more monitoring wells will remain in use this is considered a continuing
	obligation and a maintenance plan will be required and must be included in Attachment D.  One or more monitoring wells will be transferred to another owner upon case closure being granted. Attachment E should include documentation identifying the name, address and email for the new owner(s). Provide documentation from the party accepting future responsibility for monitoring well(s).

#### Source Legal Documents (Attachment F)

#### **Directions for Source Legal Documents:**

Label documents with the specific closure form titles (e.g., F.1. Deed, F.2. Certified Survey Map, etc.). Include all of the following documents, in the order listed:

Deed: The most recent deed with legal description clearly listed.

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. In cases where the certified survey map or recorded plat map are not legible or are unavailable, a copy of a parcel map from a county land information office may be substituted. A copy of a parcel map from a county land information office shall be legible, and the parcels identified in the legal description shall be clearly identified and labeled with the applicable parcel identification number.
- F.3. Verification of Zoning: Documentation (e.g., official zoning map or letter from municipality) of the property's or properties' current zoning status.
- Signed Statement: A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description(s) accurately describe(s) the correct contaminated property or properties. This section applies to the source property only. Signed statements for Other Affected Properties should be included in Attachment G.

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Notifications to Owners of Affected Properties (Attachment G)

**Directions for Notifications to Owners of Affected Properties:** 

Complete the table on the following page for sites which require notification to owners of affected properties pursuant to ch. 292, Wis. Stats. and ch. NR 725 and 726, Wis. Adm. Code. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31- 19.39, Wis. Stats.]. The DNR's "Guidance on Case Closure and the Requirements for Managing Continuing Obligations" (PUB-RR-606) lists specific notification requirements http://dnr.wi.gov/files/PDF/pubs/rr/RR606.pdf.

State law requires that the responsible party provide a 30-day, written advance notification to certain persons prior to applying for case closure. This requirement applies if: (1) the person conducting the response action does not own the source property; (2) the contamination has migrated onto another property; and/or (3) one or more monitoring wells will not be abandoned. Use form 4400-286, Notification of Continuing Obligations and Residual Contamination, at http://dnr.wi.gov/files/PDF/forms/4400/4400-286.pdf

Include a copy of each notification sent and accompanying proof of delivery, i.e., return receipt or signature confirmation. (These items will not be placed on the GIS Registry.)

Include the following documents for each property, keeping each property's documents grouped together and labeled with the letter G and the corresponding ID number from the table on the following page. (Source Property documents should only be included in Attachment F):

- Deed: The most recent deed with legal descriptions clearly listed for all affected properties. 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. In cases where the certified survey map or recorded plat map are not legible or are unavailable, a copy of a parcel map from a county land information office may be substituted. A copy of a parcel map from a county land information office shall be legible, and the parcels identified in the legal description shall be clearly identified and labeled with the applicable parcel identification number.
- Verification of Zoning: Documentation (e.g., official zoning map or letter from municipality) of the properties' current zoning status.
- Signed Statement: A statement signed by the Responsible Party (RP), which states that he or she believes the attached legal description(s) accurately describe(s) the correct contaminated property or properties.

03-11-555	987
BRRTS No	

Mikes Auto Repair and Sales
Activity (Site) Name

# Case Closure-GIS Registry Form 4400-202 (R 3/15)

Page 12 of 13

	Notifications to Owners of Affected Propertie	s (Attachment C	<b>3)</b>		over some					4			eto :	- 1,3	li i	No.	ing to	i i	\$ M
							_	_		Reas	ons	Not	ifica	tion	Lett	er S	ent:		
3	2) 2)		22		in the second		ion = or > ES	eds RCLs		oring					S		sure	ses Future	
ID	Address of Affected Property	Parcel ID No.	Date of Receipt of Letter	Type of Property Owner	WTMX	WTMY	Residual Groundwater Contamination	Residual Soil Contamination Exceeds RCLs	Monitoring Wells: Not Abandoned	Monitoring Wells: Continued Monitoring	Cover/Barrier/Engineered Control	Structural Impediment	Industrial RCLs Met/Applied	Vapor Mitigation System(VMS)	Dewatering System Needed for VMS	Compounds of Concern in Use	Commercial/Industrial Vapor Exposure Assumptions Applied	Residual Volatile Contamination Poses Risk of Vapor Intrusion	Site Specification Situation
А																			
В																			
С																			
D																			

03-11-555987
BRRTS No.

Mikes Auto Repair and Sales

Case Closure - GIS Registry Form 4400-202 (R 3/15) Page 13 of 13

Activity (Site) Name

Signatures and Findings for Closure Determination			TOTAL THE STATE
Check the correct box for this case closure request, and hch. NR 712, Wis. Adm. Code, sign this document.		engineer or a hydrogeologist, as de	efined in
A response action(s) for this site addresses groundw	rater contamination (includi	ng natural attenuation remedies).	
The response action(s) for this site addresses media	other than groundwater.		
Engineering Certification		<b>以及工作目的,将这个时间</b>	
in the State of Wisconsin, registered in accordance closure request has been prepared by me or prepared conduct in ch. A–E 8, Wis. Adm. Code; and that, to closure request is correct and the document was prepared to 726, Wis. Adm. Code. Specifically, with respect investigation has been conducted in accordance with have been completed in accordance with chs. NR 1 Codes."    Kory D. Anderson   Printed Name   Pr	with the requirements of red under my supervision of the best of my knowled repared in compliance with compliance with ch. NR 716, Wis. Adnit 40, NR 718, NR 720, N	n in accordance with the Rules ge, all information contained in ith all applicable requirements in ules, in my professional opinion. Code, and all necessary tem R 722, NR 724 and NR 726; W	hat this case of Professional this case in chs, NR 700 n a site edial actions
Kory D. Anlerson - Signature	7/31/(5 Date	P.E. Stamp and	Number
Hydrogeologist Certification		(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	UMSTRACT THE
defined in s. NR 712.03 (1), Wis. Adm. Code, and the this case closure request is correct and the docume supervision and, in compliance with all applicable rewith respect to compliance with the rules, in my propaccordance with ch. NR 716, Wis. Adm. Code, and with chs. NR 140, NR 718, NR 720, NR 722, NR 72	hat, to the best of my knent was prepared by me equirements in chs. NR fessional opinion a site i all necessary remedial a	or prepared by me or prepared 700 to 726, Wis. Adm. Code. S nvestigation has been conduct actions have been completed in	contained in I under my Specifically, ed in
	20	E	
Printed Name		Title	
Signature		Date	

# ATTACHMENT A DATA TABLES

## A.1. GROUNDWATER ANALYTICAL TABLE

SEE ATTACHED

# TABLE A.1. GROUNDWATER ANALYTICAL TABLE MIKE'S AUTO

#### Pardeeville, Columbia County, Wisconsin

Monitoring Well	NR	140		MV	V-1			MV	V-2			MW-3			
Sampling Date	ES	PAL	6/17/2011	11/4/2011	5/8/2013	7/18/2014	6/17/2011	11/4/2011	5/8/2013	7/18/2014	6/17/2011	11/4/2011	5/8/2013	7/18/2014	
<b>VOLATILE ORGANIC</b>	COMP	OUND	S (VOC) (µg	y/L)											
Benzene	5	0.5	<0.41	<0.39	<0.39	<0.27	<0.41	<0.39	<0.39	<0.27	<2.0	<3.9	<3.9	1,92	
Ethylbenzene	700	140	<0.54	<0.41	<0.41	<0.82	<0.54	<0.41	<0.41	<0.82	295	411	235	252	
Methyl tert-butyl ether	60	12	<0.61	<0.38	<0.38	<0.37	<0.61	<0.38	<0.38	<0.37	<3.0	6.2J	<3.8	<0.37	
Naphthalene	100	10	<0.89	<0.40	<0.40	<1.2	<0.89	<0.40	<0.40	<1.2	122	170	94	98	
Toluene	1000	200	<0.67	<0.42	<0.42	<0.8	<0.67	<0.42	<0.42	<0.8	<3.4	<4.2	<4.2	0.87J	
1,2,4 -Trimethylbenzene	480	96	<0.97	<0.43	<0.43	<0.83	<0.97	<0.43	<0.43	<0.83	620	1050	374	380	
1,3,5 -Trimethylbenzene	400	30	<0.83	<0.40	<0.40	<0.86	<0.83	<0.40	<0.40	<0.86	171	323	99.7	102	
Xylenes, -m, -p Xylenes, -o	10000	1000	<2.63	<1,25	<1.25	<2.41	<2.63	<1.25	<1.25	<2.41	1776	2647	1425	1580	
OTHER DETECTED V	OLATII	LE OR	GANIC COI	MPOUNDS	(VOC) (µg/	L)		tri selijikas							
sec-Butylbenzene	NE	NE	<0.89	NA	NA	NA	<0.89	NA	NA	NA	8.3J	NA	NA	NA	
Chloromethane	30	3	0.44J	NA	NA	NA	<0.24	NA	NA	NA	<1.2	NΑ	NA	NA	
Isopropylbenzene	NE	NE	<0.59	NA	NA	NA	<0.59	NA	NA	NA	27.7	NA	NA	NA	
p-Isopropyltoluene	NE	NE	<0.67	NA	NA	NA	<0.67	NA	NA	NA	5.9	NA	NA	NA	
n-Propylbenzene	NE	NE	<0.81	NA	NA	NA	<0.81	NA	NA	NA	85.9	NA	NA	NA	
LEAD (µg/L)															
Lead	15	1.5	<1.3	NA	NA	NA	1.9J	NA	NA	NA	8.1	NA	NA	NA	

ES = Enforcement Standard

PAL = Preventive Action Limit

μg/L = micrograms per liter

NA = Parameter not analyzed

NE = NR 140 ES not established

J = Analyte detected above laboratory limit of detection but below limit of quantitation.

Bold indicates analytical results above NR 140 ES

Italic indicates analytical results above NR 140 PAL

# A.2. SOIL ANALYTICAL RESULTS TABLE

SEE ATTACHED

# TABLE A.2. SOIL ANALYTICAL RESULTS TABLE MIKE'S AUTO REPAIR & SALES

Pardeeville, Columbia County, Wisconsin

Sample No.			Not-To-	Soil to	SS-1	SB-1	SB-2	SB-3	SB-4
Sampling Date Sample Depth (feet)	NC RCL	C RCL	Exceed D-C RCL		6/10/2010	04/07/11	04/07/11	04/07/11	04/07/11
					13-15' (U)	12-14' (U)	13-15' (U)	13-15' (U)	15-17' (S)
GASOLINE RANGE ORGANICS (GRO), DIESEL RANGE ORGANICS (DRO) (mg/kg)									
GRO	NE	NE	NE	NE	25.9	<2.8	<3.1	<3.1	69.5
DRO	NE	NE	NE	NE	72.2	<0.87	<0.80	<0.93	22.5
PETROLEUM VOLATI	LE ORGANIC	сомрои	VDS (PVOC)	(μg/kg)					
Benzene	111,000	1,490	1,490	5.1	<25	<25.0	<25.0	<25.0	<50.0
Ethylbenzene	4,200,000	7,470	7,470	1,570	<25	<25.0	<25.0	<25.0	<50.0
Methyl tert-butyl ether	23,800,000	59,400	59,400	27	<25	<25.0	<25.0	<25.0	<50.0
Naphthalnene	188,000	5,150	5,150	658.0	465	<25.0	<25.0	<25.0	863
Toluene	5,300,000	NE	818,000	1,107.0	<25	<25.0	<25.0	<25.0	<50.0
1,2,4-Trimethylbenzene	89,800	NE	89,800	1,382	169	<25.0	<25.0	<25.0	2700
1,3,5-Trimethylbenzene	782,000	NE	182,00	1382	251	<25.0	<25.0	<25.0	1590
Xylenes, -m, -p Xylenes, -o	890,000	NE	258,000	3940	<92.2J	<75.0	<75.0	<75.0	<169.5J

mg/kg = milligrams per kilogram

μg/kg = micrograms per kilogram

RCL = Residual Contaminant Level

S=Saturated-----U=Unsaturated

DCL = Direct Contact Level

NA = Parameter not analyzed

NE = NR 720 RCL not established

J= Analyte detected above laboratory limit of detection but below limit of quantitation.

Bold indicates analytical results exceed NR 720 RCL

## A.3. RESIDUAL SOIL CONTAMINATION TABLE

NOT INCLUDED (less than 15 soil samples collected)

# A.4. VAPOR ANALYTICAL TABLE VAPOR TESTING WAS NOT PERFORMED DURING THIS INVESTIGATION.

## A.5. OTHER MEDIA OF CONCERN

NOT APPLICABLE - NO OTHER MEDIA OF CONCERN

# A.6. WATER LEVEL ELEVATIONS

SEE ATTACHED TABLE

# TABLE A.6. WATER LEVEL ELEVATIONS MIKE'S AUTO

GEC PROJECT NO: 0510-126

Monitoring Well Number	Top of Well Casing Elevation	Date Measured	Depth to Water (Ft.)	Groundwater Elevation (Ft.)
MW-1		6/17/2011	13.78	84.97
	00.75	11/4/2011	15.10	83.65
	98.75	5/8/2013	13.54	85.21
		7/18/2014	12.88	85.87
MW-2		6/17/2011	13.62	85.01
	98.63	11/4/2011	14.94	83.69
		5/8/2013	13.45	85.18
		7/18/2014	12.81	85.82
MW-3		6/17/2011	14.27	84.60
		11/4/2011	15.56	83.31
	98.87	5/8/2013	14.12	84.75
		7/18/2014	13.53	85.34

ft = feet
NR=Not recorded
Elevations in feet in reference to benchmark with an assumed elevation of 100 feet.
Benchmark was NE bolt lower, fire hydrant

# A.7. OTHER

NOT APPLICABLE

# ATTACHMENT B MAPS, FIGURES AND PHOTOS

# **B.1. LOCATION MAPS**

SEE ATTACHMENTS

# **B.1.a. LOCATION MAPS (3)**

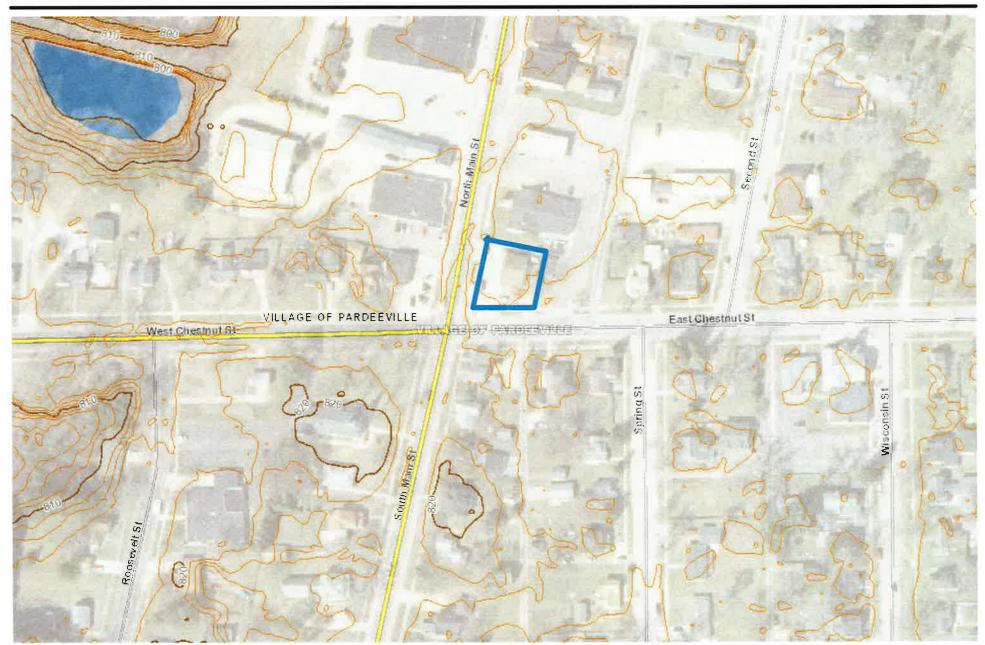
REGIONAL SITE MAP
REGIONAL TOPOGRAPHIC MAP
MUNICIPAL WELL LOCATION MAP

# SOURCE Columbia County Land Information www.co.columbia.wi.us/ColumbiaCounty/LandInformation

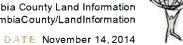
DATE November 19, 2014



# B.1.a. Location Map

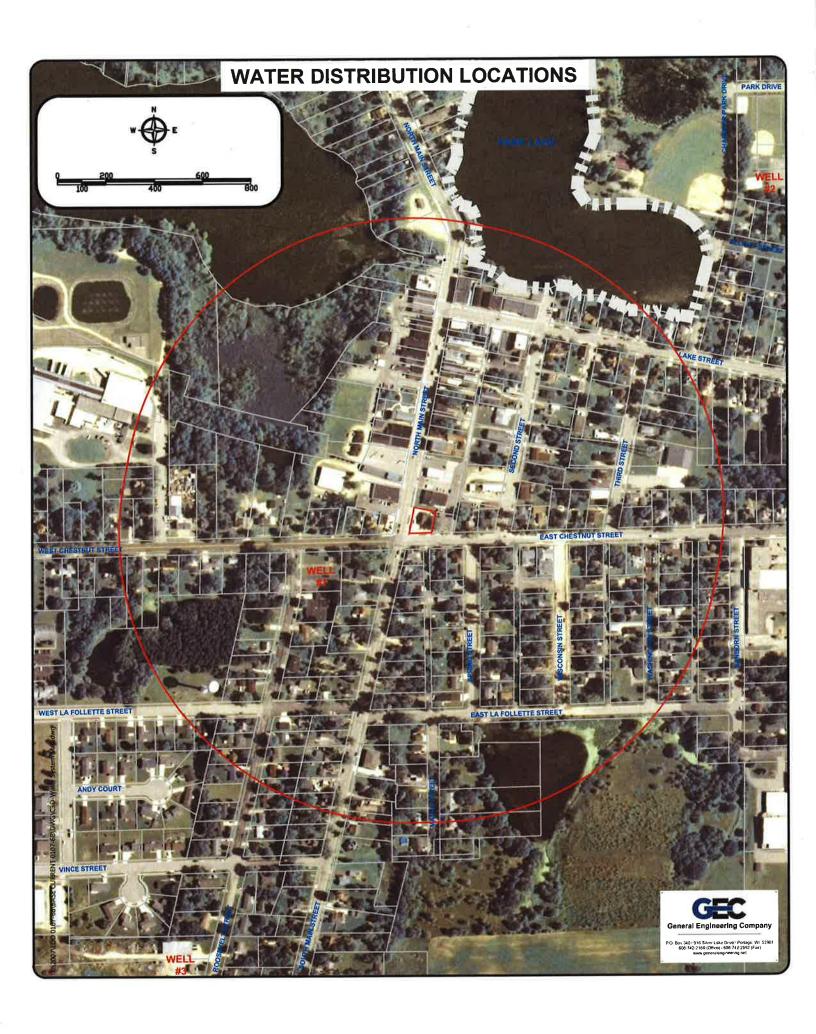


# SOURCE Columbia County Land Information www.co.columbia.wi.us/ColumbiaCounty/LandInformation

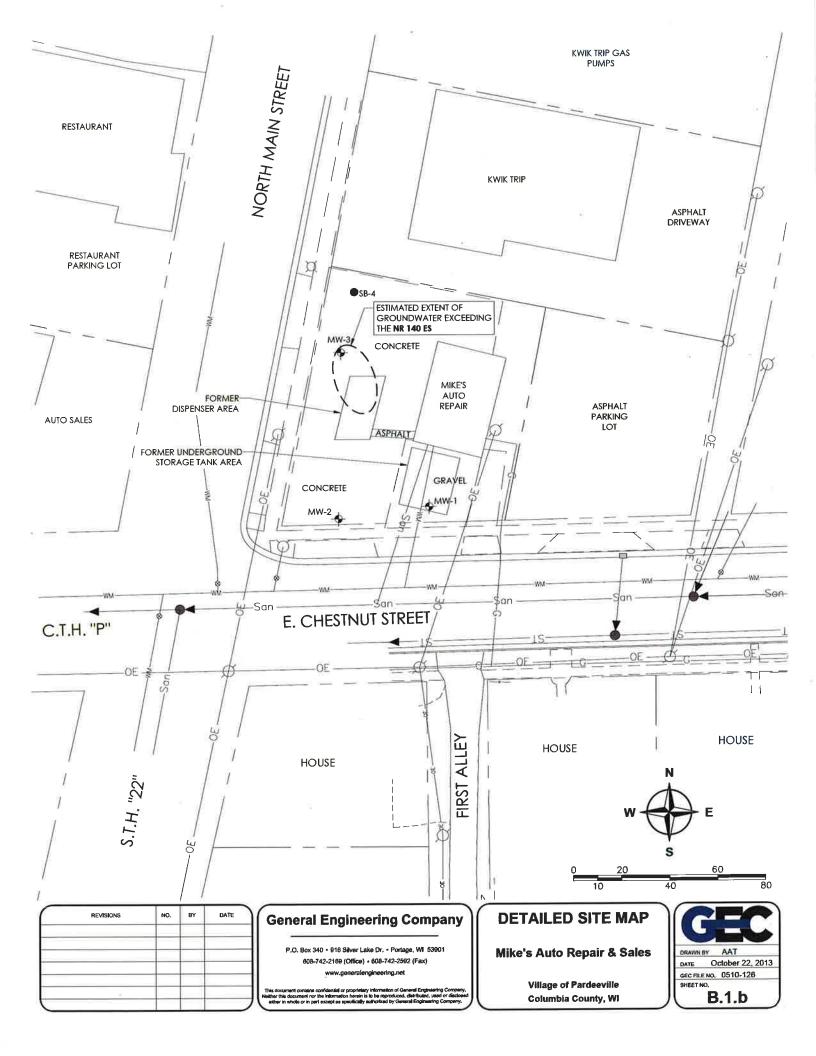


# B.1.a. Location Map





# **B.1.b. DETAILED SITE MAP**



# **B.1.c. RR SITE MAP**



# B.1.c. RR Site Map

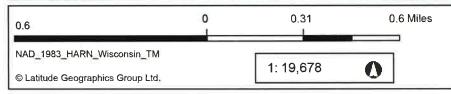




### Legend

- Open Site (ongoing cleanup)
- Open Site Boundary
- Closed Site (completed cleanup)
- Closed Site Boundary
- Airport

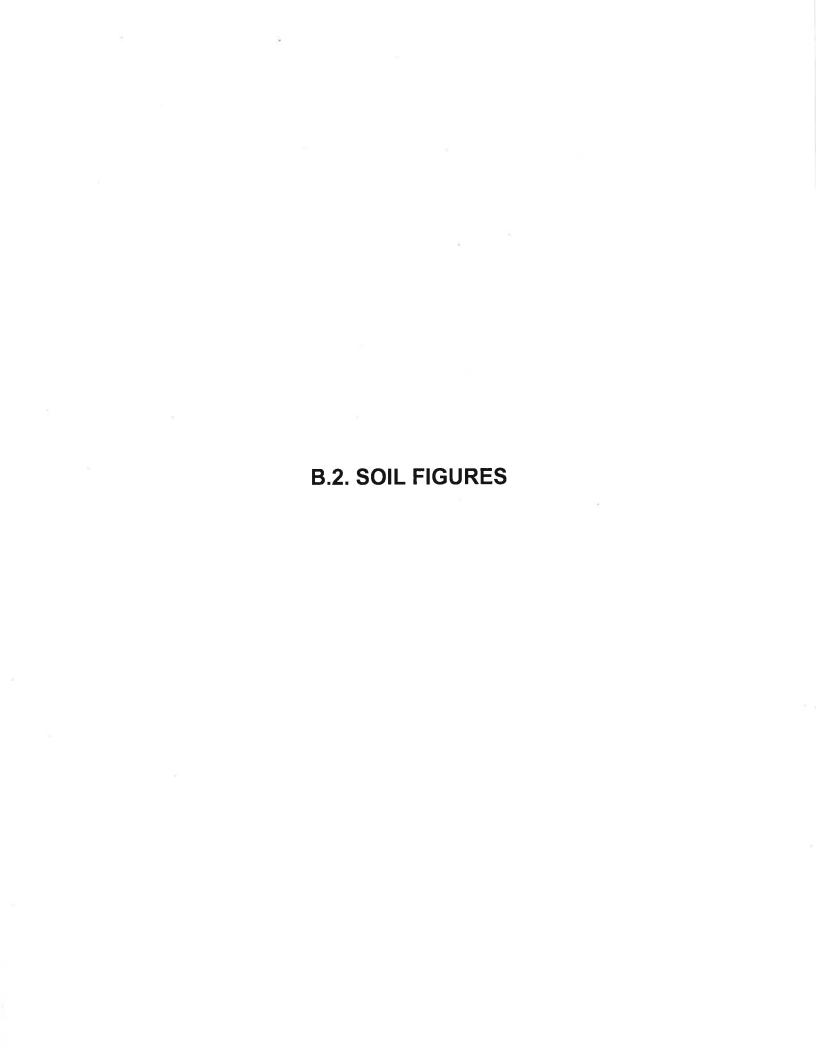
2010 Air Photos (WROC)



DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, not are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made aregarding accuracy, applicability for a particular use, completements, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: http://dnn.wi.gov/org/legal/

Note: Not all sites are mapped.

Notes



### **B.2.a.SOIL CONTAMINATION**

SOIL SAMPLES COLLECTED DURING LIMITED PHASE II SITE ASSESSMENT ACTIVITIES AND SITE INVESTIGATION ACTIVITIES DO NOT CONTAIN PETROLEUM COMPOUNDS EXCEEDING THE NR 720 RCLS ABOVE GROUNDWATER – THEREFORE NO FIGURE IS ATTACHED.

# **B.2.b. RESIDUAL SOIL CONTAMINATION**

NO UNSATURATED SOIL CONTAMINATION WAS IDENTIFIED DURING THE SITE INVESTIGATION ACTIVITIES

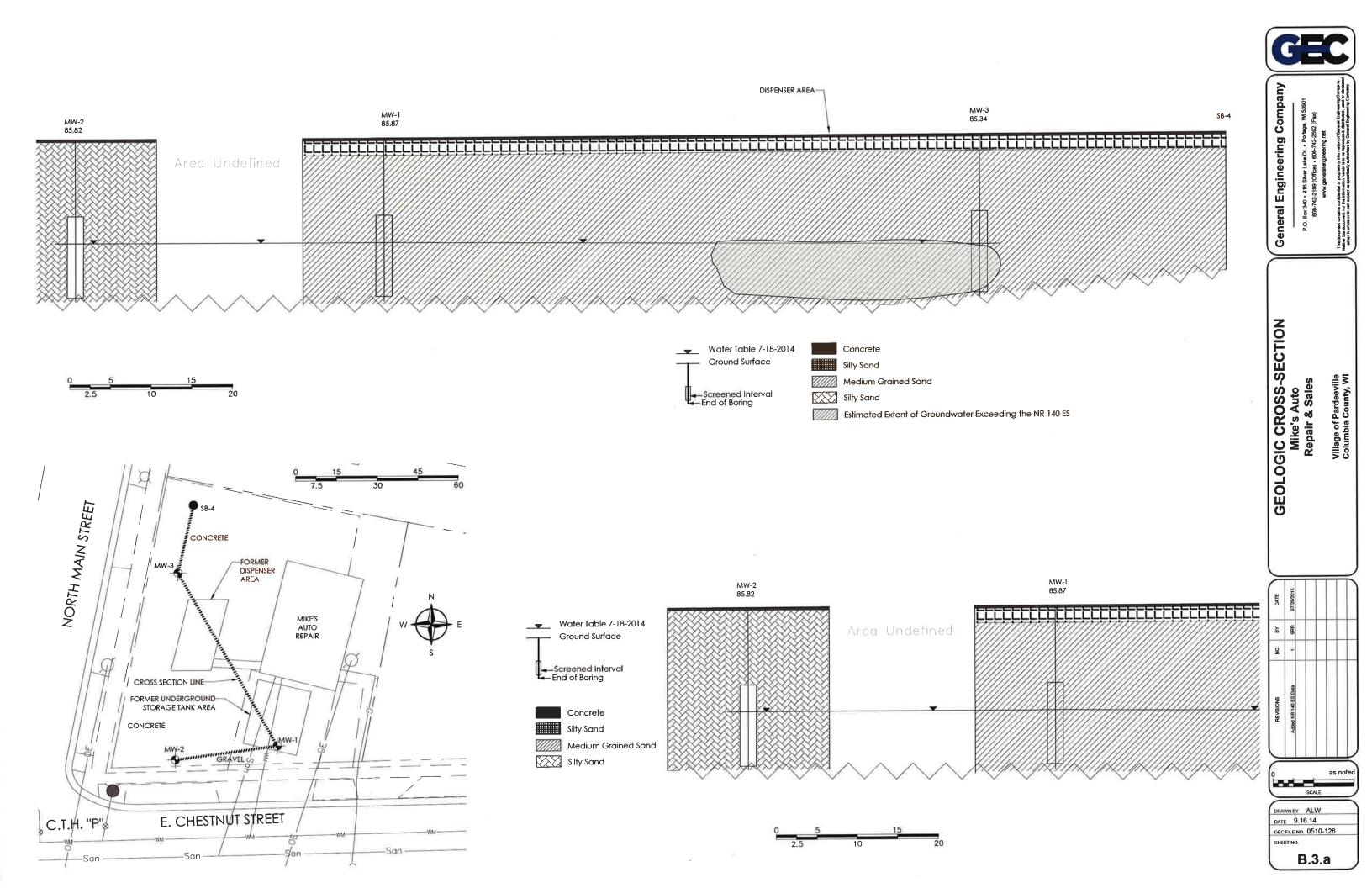
# **B.2.c. PRE/POST REMAINING SOIL CONTAMINATION**

ANALYTICAL RESULTS DID NOT INDICATE RESIDUAL SOIL CONTAMINATION ABOVE NR 720 GENERIC STANDARDS

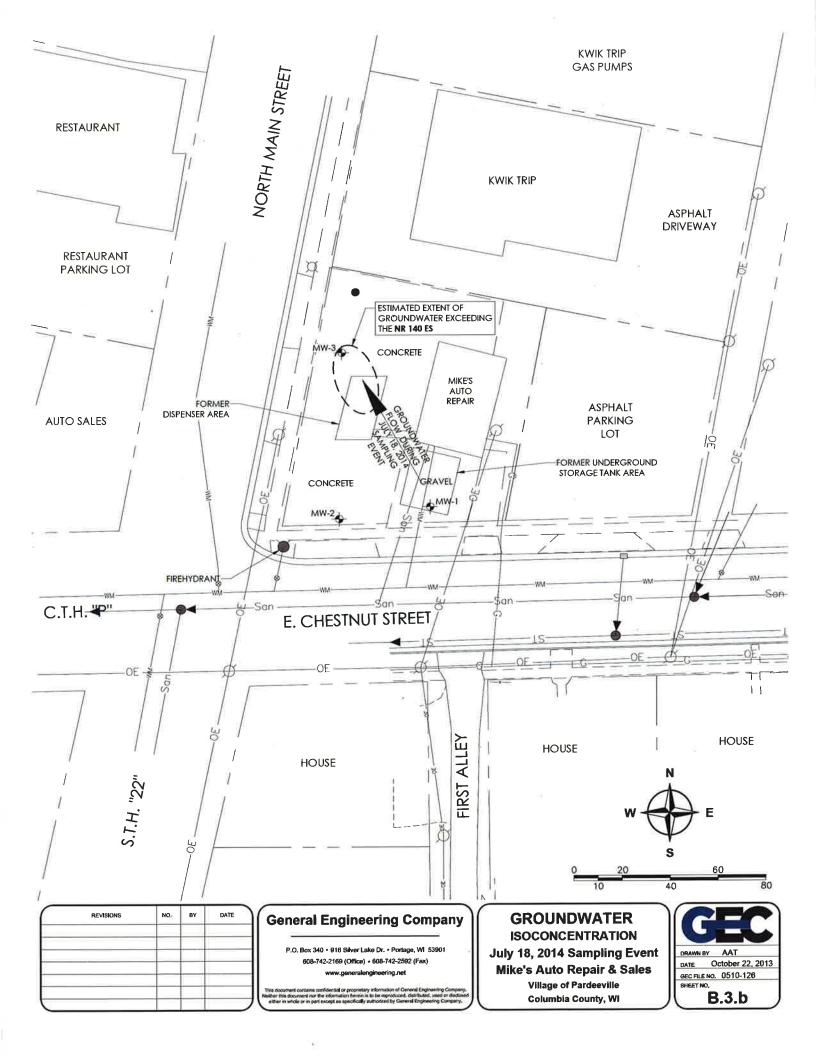
# **B.3. GROUNDWATER FIGURES**

SEE ATTACHMENTS

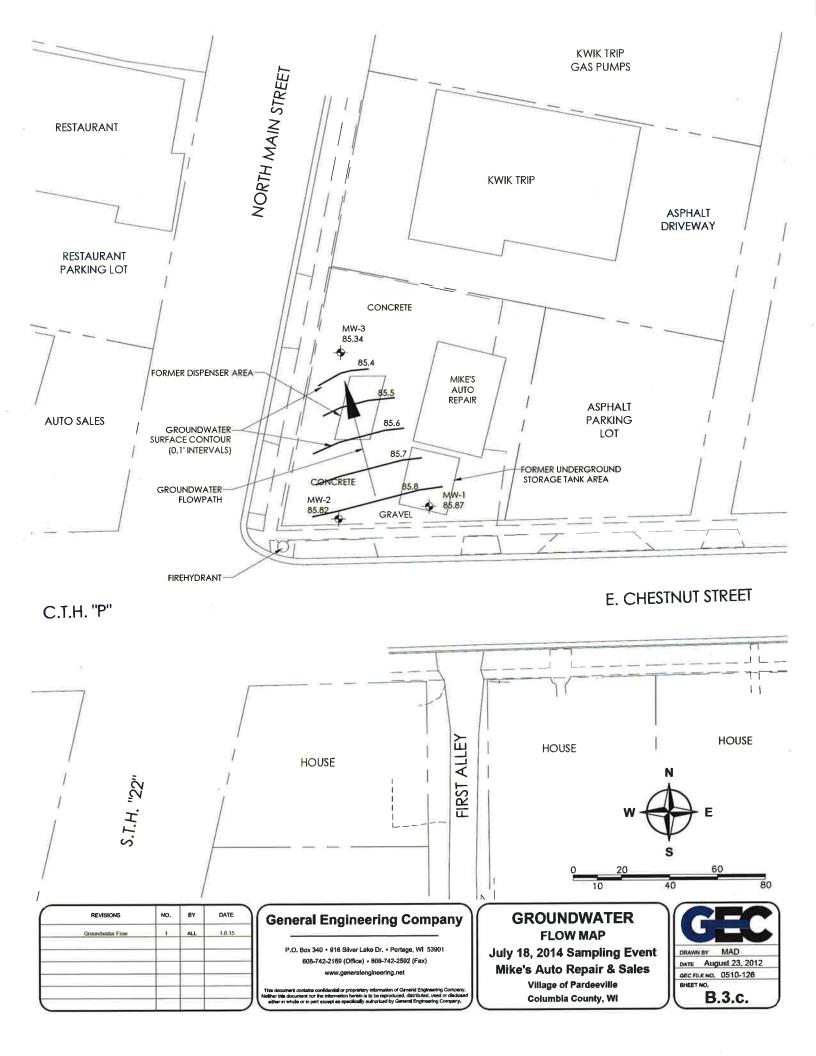
# **B.3.a. GEOLOGIC CROSS SECTION FIGURE (1)**



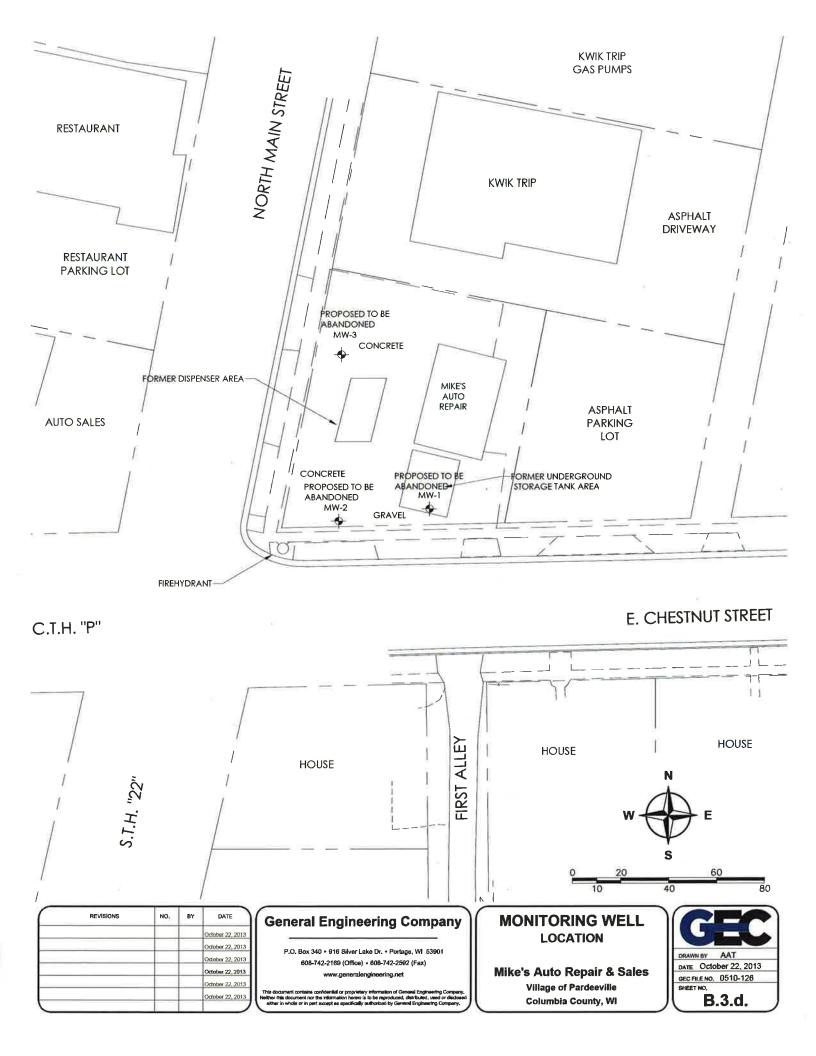
# **B.3.b. GROUNDWATER ISOCONCENTRATION (1)**



# **B.3.c. GROUNDWATER FLOW DIRECTION (2)**



# **B.3.d. MONITORING WELLS (1)**



# **B.4. VAPOR MAPS AND OTHER MEDIA**

BASED ON ANALYTICAL RESULTS COLLECTED FROM THE SIET A VAPOR ASSESSMENT WAS NOT NECESSARY OR PERFORMED

# **B.4.a. VAPOR INTRUSION MAP (NONE)**

BASED ON ANALYTICAL RESULTS COLLECTED FROM THE SITE A VAPOR ASSESSMENT WAS NOT NECESSARY OR PERFORMED

# **B.4.b. OTHER MEDIA OF CONCERN**

NO OTHER MEDIA OF CONCERN

B.4.c. OTHER

NONE

# **B.5. STRUCTURAL IMPEDIMENT PHOTOS**

NOT APPLICABLE

# **Documentation of Remedial Action (Attachment C)**

# **DISCLAIMER**

Documents contained in Attachment C of the Case Closure – GIS Registry (Form 4400-202) are not included in the electronic version (GIS Registry Packet) available on RR Sites Map to limit file size.

For information on how to obtain a copy or to review the file, please contact the Remediation & Redevelopment (RR) Environmental Program Associate (EPA) at http://dnr.wi.gov/topic/Brownfields/Contact.html



# ATTACHMENTD MAINTENANCE PLAN (S) AND PHOTOGRAPHS

# D.1.DESCRIPTION OF MAINTENANCE ACTION(S) REQUIRED FOR MAXIMIZING EFFECTIVENESS OF THE ENGINEERED CONTROL, VAPOR MITIGATION SYSTEM, FEATURE OROTHER ACTION FOR WHICH MAINTENANCE IS REQUIRED

SEE CAP MAINTENANCE PLAN

### **COVER OR BARRIER MAINTENANCE PLAN**

(to be included in Form 4400-202, as Attachment D)

July 14, 2015

Property Located at:

104 North Main Street Pardeeville, Wisconsin

BRRTS No. 03-11-555987 (Mike's Auto Repair and Sales)

Tax/Parcel Identification Numbers 11171-1

Introduction

This document is the Maintenance Plan for concrete pavement cap at the above-referenced property in accordance with the requirements of s. NR 724.13(2), Wis. Adm. Code. The maintenance activities relate to the concrete pavement cap, which addresses or occupies the areas over the contaminated groundwater near the former dispenser island and MW-3.

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

- The case file in the DNR South Central Regional office
- BRRTS on the Web (DNR's internet based data base of contaminated sites) for the link to a PDF for sitespecific information at the time of closure and on continuing obligations;
- RR Sites Map/GIS Registry layerfor a map view of the site, and
- The DNR project manager for Columbia County.

#### D.1. Descriptions:

### <u>Description of Contamination</u>

Groundwater contaminated by 1,2,4 trimethylbenzene at a level exceeding its NR 140 ES is present near the location of the former dispenser island and extending toward the north to MW-3. Groundwater is present at depths ranging from about 12 to 15 feet below grade on the subject property. The extent of groundwater contamination is shown on the attached map (B.1.b).

### Description of the Building Barrier and Pavement Caps to be Maintained

The cap consists of the 4-inch concrete pavement currently present on the subject property. The capped area is shown on Figure D.2.

### Cover/Building/Slab/Barrier Purpose

The concrete cap over the contaminated groundwater serves as a barrier to prevent direct human contact with residual soil contamination that might otherwise pose a threat to human health. The concrete cap also serves 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 commercial use of the property, the barrier should function as intended unless disturbed.

### Annual Inspection

The concrete cap overlying the contaminated groundwater as depicted in Figure D.2 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 infiltration into underlying soils. 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 D.4, Form 4400-305, Continuing Obligations Inspection and Maintenance 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. Once repairs are completed, they will be documented in the inspection log. A copy of the maintenance plan and inspection log will be kept at the site; or, if there is no acceptable place (for example, no building is present) to keep it at the site, at the address of the property owner and available for submittal or inspection by Wisconsin Department of Natural Resources (DNR) 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. 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 concrete pavement cap overlying the contaminated groundwater 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 DNR or its successor.

The property owner, in order to maintain the integrity of the concrete pavement cap, will maintain a copy of this Maintenance Plan at the site; or, if there is no acceptable place to keep it at the site, at the address of the property owner 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/Barrier

The following activities are prohibited on any portion of the property where a building foundation or pavement cap are 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; 7) 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.

If removal, replacement or other changes to a cover, or a building which is acting as a cover, are considered, the property owner will contact DNR at least 45 days before taking such an action, to determine whether further action may be necessary to protect human health, safety, or welfare or the environment, in accordance with a NR 727 N7 Wis Adm Cod

cessors with the

With 5. NK 727.07, WIS. Aum. C	.ooe.
Amendment or Withdrawal of	Maintenance Plan
This Maintenance Plan can be written approval of DNR.	amended or withdrawn by the property owner and its suc
Contact Information	
July/2015	
Site Owner and Operator:	Mikes Auto Repair and Sales 104 North Main Street Pardeeville, WI 53954 (608) 429-2600
Signature:	had Gemmerman
Property Owner:	Mike and Lori Zimmerman 104 North Main Street Pardeeville, WI 53954 (608) 429-2600
Signature:	
Consultant: Genera	l Engineering Company

General Engineering Company

916 Silver Lake Drive Portage, Wisconsin 53901

(608)742-2169

DNR:

Lawrence Lester

3911 Fish Hatchery Road Fitchburg, Wisconsin 53711

(608) 275-3266

### D.2 Location Map(s)

Includes a location map which shows:

- (1) the feature that requires maintenance;
- (2) the location of the feature(s) that require(s) maintenance: on and off the source property;
- (3) the extent of the structure or feature(s) to be maintained, in relation to other structures or features on the site;
- (4) the extent and type of residual contamination; and
- (5) all property boundaries.

### D. 3 Photographs of Cover/Barrier

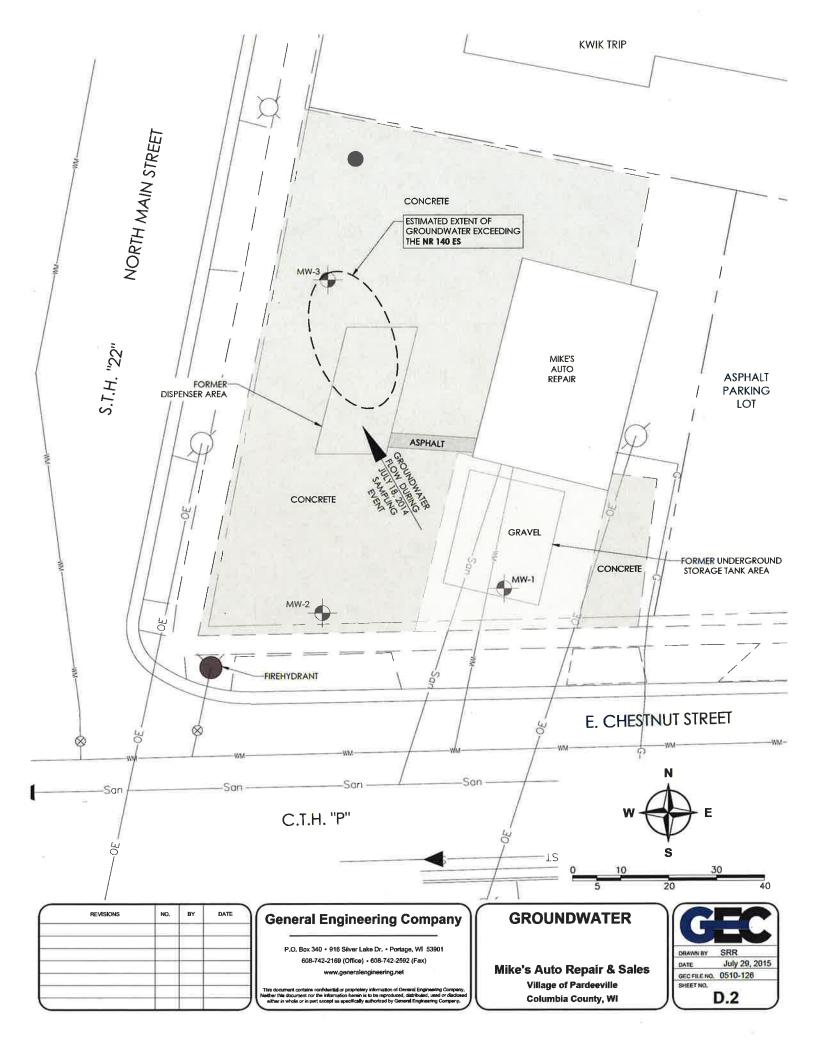
Photographs including the condition and extent of the cover/barrier/building/slab at the time of the preparation of this cap maintenance plan are including in D.4.

### D.4 Continuing Obligations Inspection and Maintenance Log

Fillable Form Form 4400-305

# D.2. LOCATION MAPS

SEE ATTACHMENT



# D.3. PHOTOGRAPHS

SEE ATTACHMENT

Mike's Auto Repair and Sales

Activity (Site) Name

### Continuing Obligations Inspection and Maintenance Log

Form 4400-305 (2/14)

Page 2 of 2





# **D.4. INSPECTION LOG**

SEE ATTACHMENT

State of Wisconsin Department of Natural Resources dnr.wi.gov

### **Continuing Obligations Inspection and Maintenance Log**

Form 4400-305 (2/14)

Page 1 of 2

Directions: In accordance with s. NR 727.05 (1) (b) 3., Wis. Adm. Code, use of this form for documenting the inspections and maintenance of certain continuing obligations is required. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.]. When using this form, identify the condition that is being inspected. See the closure approval letter for this site for requirements regarding the submittal of this form to the Department of Natural Resources. A copy of this inspection log is required to be maintained either on the property, or at a location specified in the closure approval letter. Do NOT delete previous inspection results. This form was developed to provide a continuous history of site inspection results. The Department of Natural Resources project manager is identified in the closure letter. The project manager may also be identified from the database, BRRTS on the Web, at <a href="http://dnr.wi.gov/botw/SetUpBasicSearchForm.do">http://dnr.wi.gov/botw/SetUpBasicSearchForm.do</a>, by searching for the site using the BRRTS ID number, and then looking in the "Who" section.

		and then looking in the "W	ho" section.				
Activity (Site	e) Name				BRRTS No.		
	to Repair and Sa			03-11-555987			
Inspections	are required to be annual semi-a  other	nnually	pproval letter):	When submittal of this form is required, submit the form electronically to the DNR project manager. An electronic version of this filled out form, or a scanned version may be sent to the following email address (see closure approval letter):			
Inspection Date	Inspector Name	Item	Describe the condition of the item that is being inspected	Recommendations for repair or mainte	recomm	evious nendations mented?	Photographs taken and attached?
*		monitoring well cover/barrier vapor mitigation system other:		T.	OY	○ N	OY ON
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## ATTACHMENT E MONITORING WELL INFORMATION

ALL MONITORING WELLS WILL BE PROPERLY ABANDONED SUBSEQUENT TO CONDITIONAL CLOSURE

# ATTACHMENT F SOURCE LEGAL DOCUMENTS

F.1. DEED

**Document Number** 

#### WARRANTY DEED

Morris H. Babcock and Lou Ellyn Babcock, husband and wife and individually, convey and warrant to Michael M. Zimmerman and Lori Zimmerman, husband and wife as survivorship marital property, the following described real estate in Columbia County, State of Wisconsin:



## DOC # 809384

REGISTER OF DEEDS COLUMBIA COUNTY

RECORDED ON: 05/05/2010 09:13:51AM PAGES:

> LISA WALKER REGISTER OF DEEDS

REC FEE: Recording Area Name and Recompadiress

11.00

Attorney John R. Miller

P.O. Box 200 Portage, WI 53901

11-171-1 (Parcel Identification Number)

\*Names of persons signing in any capacity should be typed or

printed below their signatures.

A part of Lot 1 of the Öriginal Plat of the Village of Pardeeville, Columbia County, Wisconsin, described as follows: Beginning at an iron stake at the Southwest corner of Lot 1; thence East along the North line of Chestnut Street 92.6 feet to a iron stake; thence Northeasterly and parallel with the East line of Main Street 90.0 feet to an iron stake; thence Northwesterly at right angles to the East line of Main Street 90.5 feet to an iron stake; thence Southwesterly along the East line of Main Street 109.6 feet to the point of beginning.

Also described as: That part of Lot 1 of the Original Plat of the Village of Pardeeville, Columbia County, Wisconsin, which is more particularly described as follows: Beginning at the Southwest corner of said Lot 1, thence East along the North margin of South Street 118.2 feet, thence North 11 degrees East parallel to Main Street 84.4 feet to the North line of Lot 1, thence North 79 degrees West along the North line of the above mentioned Lot 1, 115.5 feet to the East margin of Main Street; thence South 11 degrees West along the East line of Main Street 109.6 feet to the place of beginning. EXCEPT land as described in deed recorded in Volume 242 of Deeds on page 524.

Pardeeville This deed is given in satisfaction of Land Contract dated December 26, 1997 and recorded December 26, 1997, in the office of the Register of Deeds for Columbia County, Wisconsin in Volume 582 of Records, at pages 889-891, as Document No. 578005.

#### **EXEMPT UNDER SECTION 77.25(17), WIS. STATS.**

Attorney John R. Miller P.O. Box 200, Portage, WI 53901

(MIS 3-10)

This is not homestead property.

EXCEPTION TO WARRANTIES: title is subject to easements, restrictions, covenants, conditions and rights of way of record and municipal and other governmental ordinances and regulations; also any liens or encumbrances created by the act or default of Purchaser. April

Dated this <u>27 + n</u> day of <del>March</del> , 2010.	
	Morris H. Babca A.
WIND WANCY	- Daler R
AUTHENTICATION []	ACKNOWLEDGMENT
authenticated this day of,,	COUNTY OF COLUMBIA)  April Personally came before me this - 7 day of
signature	Ellyn Babcock, to me known to be the persons who executed the foregoing instrument and acknowledged the
type or print name	same. 2 60 206 a. C
TITLE: MEMBER STATE BAR OF WISCONSIN (If not,	signature Nancy Tholbach
authorized by § 706.06, Wis. Stats.)	Notary Public, Columbia County, WI My commission is permanent. (If not, state expiration date:

## **Columbia County**

Owner (s):

Location:

Zimmerman, Michael M Zimmerman, Lori

SE-NW, Sect. 3, T12N, R10E

Mailing Address:

School District:

Michael M Zimmerman, Zimmerman, Lori

4228 - Pardeeville Area School

104 N Main Street

Pardeeville, WI 53954-0000

Tax Parcel ID Number: Tax District:

Status: Acres:

1 11171-Village of Pardeeville Active 0.2100

Description - Comments (Please see Documents tab below for related documents. For a complete legal description, see recorded document.):
W 118.2 FT OF LOT 1-ORIG PLAT; EXC COM SW COR; TH E 92.6' POB; NE 90'; SE 25'; SW 84.4'; TH W1Y
25.6' TO BEG. Also described as follows: Beg at SW cor of Lot 1; E 92.6'; NELY & prl with E In of Main St 90'; NWLY
90.5'; SWLY alg E In of Main St 109.6' to POB.

Site Address (es): (Site address may not be verified and could be incorrect. DO NOT use the site address in lieu of legal description.)

104 North Main St Pardeeville, WI 53954

## F.2. CERTIFIED SURVEY MAP

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## F.3. VERIFICATION OF ZONING

#### A. Background

This section includes background information, goals, objectives and policies on land use in the Village of Pardeeville.

#### B. Existing Land Use/Zoning

The Village of Pardeeville covers an area of approximately 1300 acres. There are traditional neighborhoods to go with the traditional "downtown" and more contemporary residential developments to go with more contemporary business developments in outlying districts. The Village has a fairly well-defined existing land use pattern instead of "mixed" existing development.

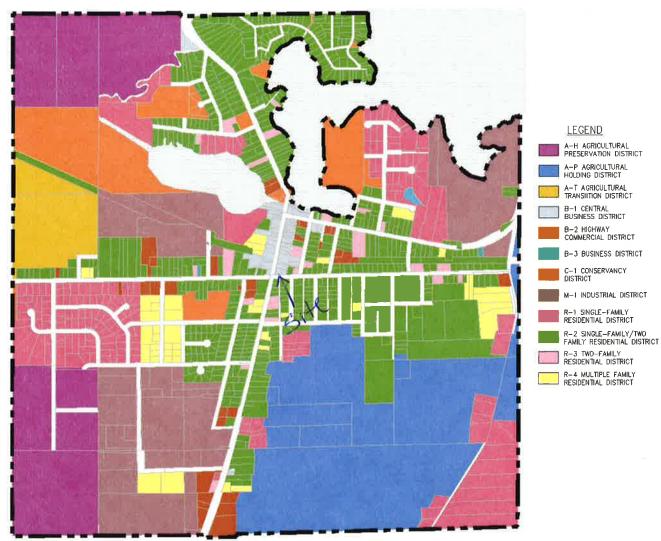


Figure 11 - Existing Zoning Map

## **F.4. SIGNED STATEMENT**

In accordance with NR 726.05 paragraph (3)(a)4.g. (for groundwater contamination) and/or NR 726.05 paragraph (3)(b)4.f. (for soil contamination), the responsible party hereby affirms the following information:

"To the best of my knowledge, the legal description information attached to this package, and described below are accurate. Groundwater contamination exceeding the NR 140 ES as defined in the Wisconsin Administrative Code does not extend onto any neighboring properties excluding public street right-of ways or railroad right-of-ways."

The Mike's Auto Property, located at 104 N. Main Street in the City of Pardeeville, Columbia County, Wisconsin (Parcel Number 1). Legal description for the property is W118.2Ft of Lot 1 – Original Plat, EXC Com SW Cor, TH E92.6' POB, NE 90', SW 84.4'-TH W1Y 25.6' to BEG. Also Described as follows: Beg at SW cor of Lot 1; E92.6', NELY & prl with E In of Main St 90'; NWLY 90.5'; SWLY alg E In of Main St 109.6' to POB.

Mike Zimmerman	7-27-15
Mike Zimmerman	Date
Owner	
Title: Owner	

## ATTACHMENT G

## **NOTIFICATIONS TO OWNERS OF AFFECTED PROPERTIES**

CONTAMINATION DOES NOT APPEAR TO HAVE EXTENDED ONTO THE ADJOINING PROPERTIES; THEREFORE NO NOTIFICATIONS WERE PERFORMED.