

**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 Open 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 form 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:** [www.dnr.wisconsin.gov/forms](http://www.dnr.wisconsin.gov/forms)

### 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: [www.dnr.wisconsin.gov/forms](http://www.dnr.wisconsin.gov/forms)

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.

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

Form 4400-237 (R 12/18)

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## Section 1. Contact and Recipient Information

### Requester Information

This is the person requesting technical assistance or a post-closure modification review, that his or her liability be clarified or a specialized agreement and is identified as the requester in Section 7. DNR will address its response letter to this person.

Last Name	First	MI	Organization/ Business Name
Smith	Jason		Tecumseh Products Company
Mailing Address			City
2700 West Wood Street			Paris
			State
			TN
			ZIP Code
			38242
Phone # (include area code)	Fax # (include area code)	Email	
(731) 644-8127	(731) 644-8156	jason.smith@tecumseh.com	

The requester listed above: (select all that apply)

- Is currently the owner
- Is considering selling the Property
- Is renting or leasing the Property
- Is considering acquiring the Property
- Is a lender with a mortgagee interest in the Property
- Other. Explain the status of the Property with respect to the applicant:

Responsible Party

### Contact Information (to be contacted with questions about this request) Select if same as requester

Contact Last Name	First	MI	Organization/ Business Name
Smith	Jason		Tecumseh Products Company
Mailing Address			City
2700 West Wood Street			Paris
			State
			TN
			ZIP Code
			38242
Phone # (include area code)	Fax # (include area code)	Email	
(731) 644-8127	(731) 644-8156	jason.smith@tecumseh.com	

### Environmental Consultant (if applicable)

Contact Last Name	First	MI	Organization/ Business Name
Harvey	Chris		TRC Environmental Corporation
Mailing Address			City
230 West Monroe St., Suite 630			Chicago
			State
			IL
			ZIP Code
			60606
Phone # (include area code)	Fax # (include area code)	Email	
(312) 800-5910	(312) 578-0877	charvey@trccompanies.com	

### Property Owner (if different from requester)

Contact Last Name	First	MI	Organization/ Business Name
NA			
Mailing Address			City
			State
			ZIP Code
Phone # (include area code)	Fax # (include area code)	Email	



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

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## Section 2. Property Information

Property Name Hayton Area Remediation Project		FID No. (if known) WID006116529	
BRRTS No. (if known) 02-08-281506	Parcel Identification Number		
Street Address 3755 Weeks Road	City Chilton	State WI	ZIP Code 53014
County Calumet	Municipality where the Property is located <input type="radio"/> City <input checked="" type="radio"/> Town <input type="radio"/> Village of Charlestown	Property is composed of: <input type="radio"/> Single tax parcel <input checked="" type="radio"/> Multiple tax parcels	Property Size Acres

1. Is a response needed by a specific date? (e.g., Property closing date) Note: Most requests are completed within 60 days. Please plan accordingly.

No  Yes

Date requested by: \_\_\_\_\_

Reason: \_\_\_\_\_

2. Is the "Requester" enrolled as a Voluntary Party in the Voluntary Party Liability Exemption (VPLE) program?

No. **Include the fee that is required for your request in Section 3, 4 or 5.**

Yes. **Do not include a separate fee.** This request will be billed separately through the VPLE Program.

**Fill out the information in Section 3, 4 or 5 which corresponds with the type of request:**

**Section 3. Technical Assistance or Post-Closure Modifications;**

**Section 4. Liability Clarification; or Section 5. Specialized Agreement.**

## Section 3. Request for Technical Assistance or Post-Closure Modification

Select 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 event.
- 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.**
- Review of a Remedial Action Documentation Report - NR 724.15, [152] - **Include a fee of \$350.**
- 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.**

Other Technical 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.

Post-Closure Modifications - NR 727, [181]

- Post-Closure Modifications: Modification to Property boundaries and/or continuing obligations of a closed site or Property; sites may be on the GIS Registry. This also includes removal of a site or Property from the GIS Registry. **Include a fee of \$1050, and:**
  - 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).

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

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Skip Sections 4 and 5 if the technical assistance you are requesting is listed above and complete Sections 6 and 7 of this form.

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:

- 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.

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 supporting materials, and an electronic copy of the form and all reports, including Environmental Site Assessment Reports, and supporting materials on a compact disk.

Include one copy of any document from any state agency files that you want the Department to review as part of this request. The person submitting this request is responsible for contacting other state agencies to obtain appropriate reports or information.

- Phase I Environmental Site Assessment Report - Date: \_\_\_\_\_
- Phase II Environmental Site Assessment Report - Date: \_\_\_\_\_
- Legal Description of Property (required for all liability requests and specialized 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 medium - 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: Ordinary High Water Mark Determination Clarification Letter

For Property with newly identified discharges of hazardous substances only: Has a notification of a discharge of a hazardous substance been sent to the DNR as required by s. NR 706.05(1)(b), Wis. Adm. Code?

- Yes - Date (if known): \_\_\_\_\_
- No

Note: The Notification for Hazardous Substance Discharge (non-emergency) form is available at:

<http://www.dnr.wisconsin.gov/PDF/Forms/4400/4400-237.pdf>

Section 7. Certification by the Person who completed this form

- I am the person submitting this request (requester)
- I prepared this request for: Tecumseh Products Company  
Requester Name

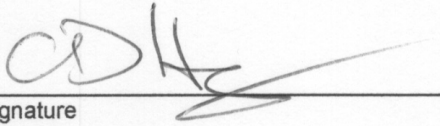
I certify that I am familiar with the information submitted on this request, and that the information on and included with this request is true, accurate and complete to the best of my knowledge. I also certify I have the legal authority and the applicant's permission to make this request.



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

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Signature

Date Signed

2/19/2021

Principal

(312) 800-5910

Title

Telephone Number (include area code)

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

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## 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 [DNR regional brownfields specialist](#) with any questions about this form or a specific situation involving a contaminated property. For electronic document submittal requirements see:

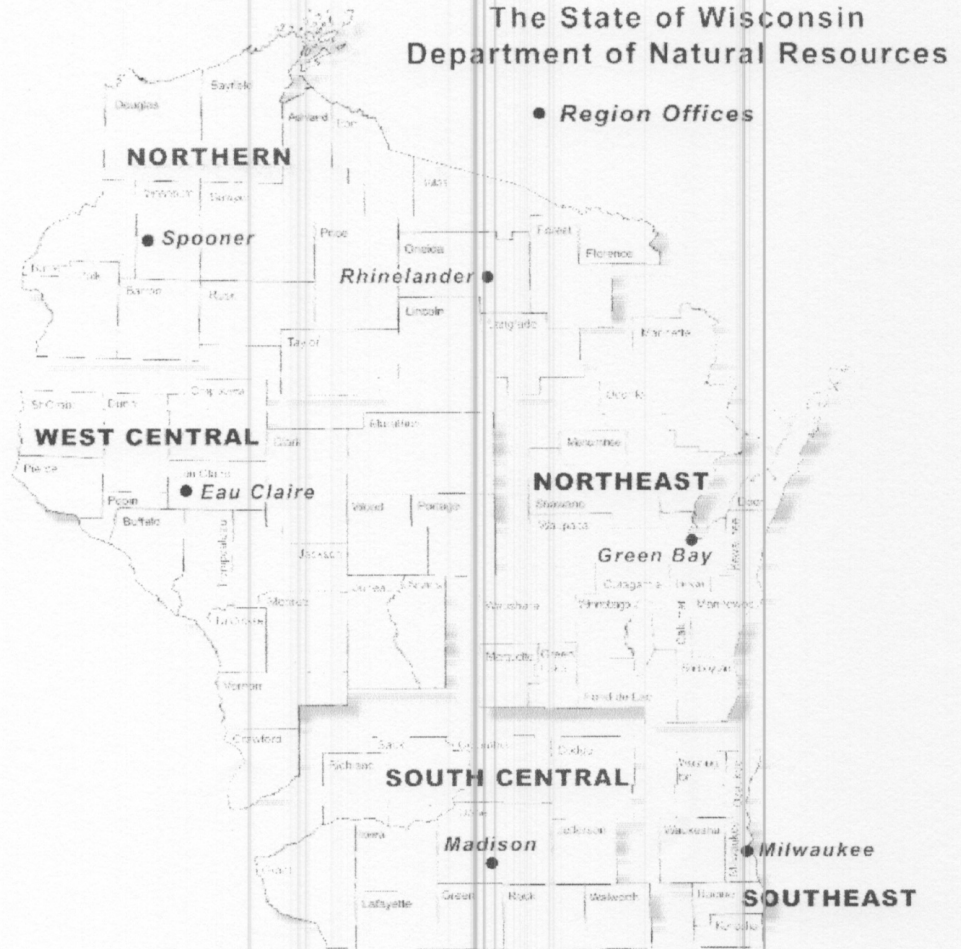
**DNR NORTHERN REGION**  
Attn: RR Program Assistant  
Department of Natural Resources  
223 E Steinfest Rd Antigo, WI 54409

**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  
Department of Natural Resources  
2300 North Martin Luther King Drive  
Milwaukee WI 53212

**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		Comments	
Fee Enclosed? <input type="radio"/> Yes <input type="radio"/> No	Fee Amount \$	Date Additional Information Requested	Date Requested for DNR Response Letter
Date Approved	Final Determination		





February 19, 2021

**Via Email Transmission**

Bill Fitzpatrick, P.E., P.G.  
Engineer  
Remediation & Redevelopment Program  
Wisconsin Department of Natural Resources  
101 S. Webster Street  
P.O. Box 7921  
Madison, WI 53707-7921

**RE: Ordinary High Water Mark Determination  
Hayton Area Remediation Project  
BRRTS 02-08-281506**

Dear Mr. Fitzpatrick:

In response to your November 24, 2020 letter inquiring about the Remedial Action Standards Documentation Report for the Hayton Area Remediation Project (“HARP”), TRC is providing figures depicting the ordinary high water mark (“OHWM”) over the project. The Wisconsin statutes define the OHWM as “the point on the bank or shore up to which the presence and action of the water is so continuous as to leave a distinct mark either by erosion, destruction of terrestrial vegetation or other easily recognized characteristic.” The OHWM does not change with temporary fluctuations in water levels, nor is it always at or near open water, as is the case with cattail marshes and bogs.

Tecumseh submitted the request for the OHWM determination to the Wisconsin Department of Natural Resources (“WDNR”) on January 8, 2019, in compliance with the Negotiated Agreement, Exhibit H. The request encompassed the HARP site and an area approximately two miles downstream of the Hayton Millpond Dam (total creek/river length of approximately 10 miles). On April 29, 2019, the Department began the OHWM determination by placing flags at 14 of 16 proposed locations in the field. These locations were provided to TRC in an email on April 29, 2019. TRC surveyed the WDNR OHWM points shortly thereafter and provided the survey information to WDNR on May 10, 2019.

Based on the surveyed OHWM points, TRC has interpolated and extrapolated the OHWM between the WDNR-provided points, as shown in Figures 1 - 20. This OHWM was determined by using the following data and scientific judgment:

- 23 WDNR OHWM points (WDNR, 2019)
- Aerial photography (Calumet County, Spring of 2014)
- LiDAR survey ground surface elevation contours (Calumet County, 2018)

The 23 points located by WDNR personnel were used as the basis of the evaluation of the OHWM. The locations identified by WDNR as delineating the OHWM are generally at the limit of channel/open water that is shown on the 2014 Calumet County aerial photography. Detailed insets are included in figures to show the points located by the WDNR personnel and their correlation with the 2014 water level and the interpreted OHWM. The timing of the aerial photography, which is listed as Spring of 2014 in the metadata from Calumet County, is consistent with the time of year when high water levels



Mr. Bill Fitzpatrick, P.E. P.G.

February 19, 2021

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would be expected to occur, since ordinary high water often occurs following Spring snowmelt and runoff. As such, the open water surface was used as the basis to interpolate and extrapolate the OHWM between the points identified by WDNR. Based on the survey of the OHWM points defined by WDNR staff, the water level drops 88 feet over the length of Jordan and Pine Creeks from New Holstein to the Hayton mill pond. The change in elevation is not linear nor can it be accurately determined from the topographic contours. Therefore, the observed water surface as shown in the 2014 aerial photography represents the most accurate means of interpolating the limits of the OHWM between the points defined by WDNR staff.

In addition to the WDNR OHWM points and the water surface, TRC considered floodplain, wetlands and vegetation from the 2014 aerial photography when interpolating the OHWM. Because the ground surface elevation contours based on the LiDAR survey have a vertical accuracy (Calumet County, 2018) of 1 meter, they were not used directly to define the OHWM. However, the surface elevation contours were used to confirm the channel location and OHWM.

If the WDNR concurs with the OHWM depicted on the attached Figures, Tecumseh will prepare and submit the Remedial Action Standards Documentation Report within 120 days of WDNR agreement.

If you have any questions, please do not hesitate to contact me on my mobile phone at (312) 909-0043.

Sincerely,  
TRC

Chris Harvey, PE  
Principal

cc: William Nelson/WDNR – Madison  
Carrie Williamson/Tecumseh – Ann Arbor, MI  
S. Jason Smith/Tecumseh Products Co. - Paris, TN  
Curtis Toll/Greenberg Traurig LLP - Philadelphia  
Marc Faecher/TRC - New Providence, NJ  
Ronald Bock/TRC – Irvine, CA  
David Crass/Michael Best & Friedrich LLP – Washington, DC



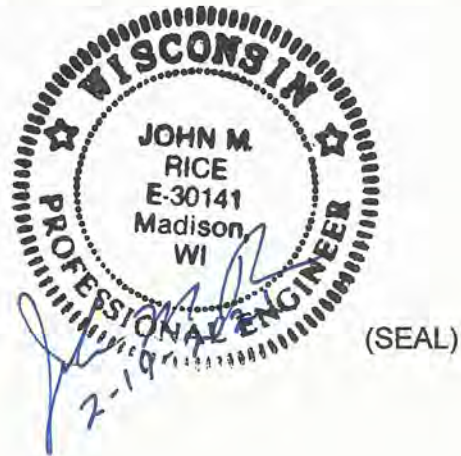
## Professional Certification

Consistent with NR 712.09(1) Wis. Adm. Code that submittals prepared by, or under the supervision of, a professional engineer, a hydrogeologist or a scientist shall be dated and certified by the professional engineer, hydrogeologist or scientist using the appropriate certification:

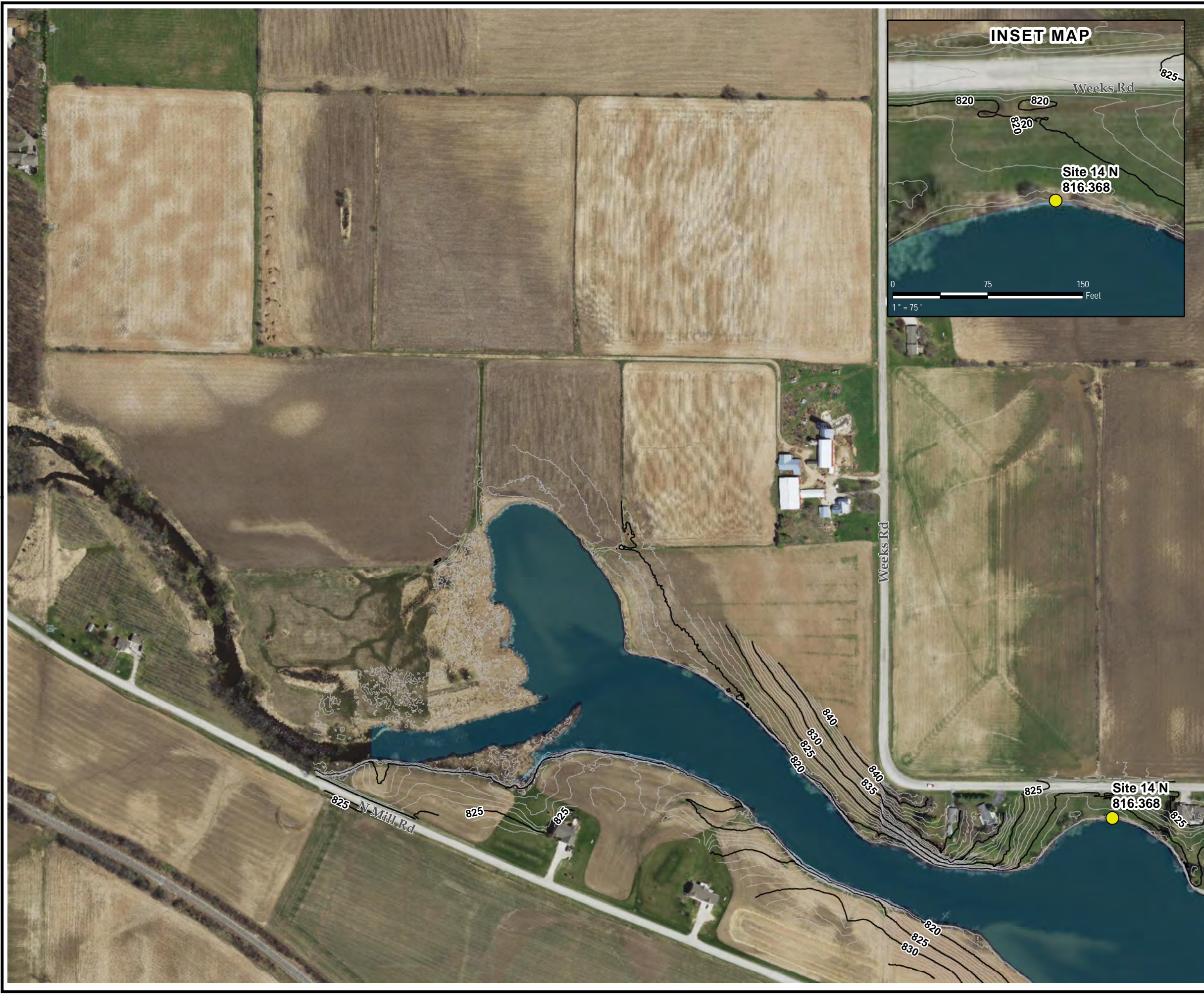
I, John M Rice, P.E., hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code;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

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John M Rice, P.E., Senior Engineer, 30141-6







**LEGEND**

- OHWM ELEVATION POINTS (DNR)
- ESTIMATED OHWM 2014 (TRC)
- 1' MAJOR CONTOURS (CALUMET COUNTY)
- 1' MINOR CONTOURS (CALUMET COUNTY)
- OU ENDS

SOURCE: BASEMAP OBTAINED FROM CALUMET COUNTY (MAY 2014).  
OHWM ELEVATION POINTS OBTAINED FROM WISCONSIN DNR (2019).  
1 FT CONTOURS WERE PRODUCED FROM A RASTER DIGITAL ELEVATION MODEL (DEM) PROVIDED BY CALUMET COUNTY (2018).

0 300 600  
 Feet  
 1" = 300'  
 1:3,600

<b>PROJECT:</b> TECUMSEH & HARP REMEDIAL ACTION STANDARDS REPORT CALUMET COUNTY, WISCONSIN	
<b>TITLE:</b> ORDINARY HIGH WATER MARK MAP	
DRAWN BY: S. RAY	PROJ NO.: 107927
CHECKED BY:	
APPROVED BY:	
<b>FIGURE 1</b>	
DATE: FEBRUARY 2021	
505 East Huntland Drive, Suite 250 Austin, TX 78752 Phone: 512.329.6080 www.trcsolutions.com	
FILE NO.:	HARP_Figure1.mxd





**LEGEND**

- OHWM ELEVATION POINTS (DNR)
- ESTIMATED OHWM 2014 (TRC)
- 1' MAJOR CONTOURS (CALUMET COUNTY)
- 1' MINOR CONTOURS (CALUMET COUNTY)
- OU ENDS

SOURCE: BASEMAP OBTAINED FROM CALUMET COUNTY (MAY 2014).  
OHWM ELEVATION POINTS OBTAINED FROM WISCONSIN DNR (2019).  
1 FT CONTOURS WERE PRODUCED FROM A RASTER DIGITAL ELEVATION MODEL (DEM) PROVIDED BY CALUMET COUNTY (2018).

0 300 600  
 Feet  
 1" = 300'  
 1:3,600

<b>PROJECT:</b> TECUMSEH & HARP REMEDIAL ACTION STANDARDS REPORT CALUMET COUNTY, WISCONSIN	
<b>TITLE:</b> ORDINARY HIGH WATER MARK MAP	
DRAWN BY: S. RAY CHECKED BY: APPROVED BY: DATE: FEBRUARY 2021	PROJ NO.: 107927  <b>FIGURE 2</b>
505 East Huntland Drive, Suite 250 Austin, TX 78752 Phone: 512.329.6080 www.trcsolutions.com	
FILE NO.: HARP_Figure2.mxd	





**LEGEND**

- OHWM ELEVATION POINTS (DNR)
- █ ESTIMATED OHWM 2014 (TRC)
- 1' MAJOR CONTOURS (CALUMET COUNTY)
- 1' MINOR CONTOURS (CALUMET COUNTY)
- OU ENDS

SOURCE: BASEMAP OBTAINED FROM CALUMET COUNTY (MAY 2014).  
OHWM ELEVATION POINTS OBTAINED FROM WISCONSIN DNR (2019).  
1 FT CONTOURS WERE PRODUCED FROM A RASTER DIGITAL ELEVATION MODEL (DEM) PROVIDED BY CALUMET COUNTY (2018).

N

0 300 600  
Feet






1" = 300'  
1:3,600

<b>PROJECT:</b>	
<b>TECUMSEH &amp; HARP REMEDIAL ACTION STANDARDS REPORT CALUMET COUNTY, WISCONSIN</b>	
<b>TITLE:</b>	
<b>ORDINARY HIGH WATER MARK MAP</b>	
<b>DRAWN BY:</b> S. RAY	<b>PROJ NO.:</b> 107927
<b>CHECKED BY:</b>	
<b>APPROVED BY:</b>	
<b>DATE:</b> FEBRUARY 2021	
<b>FIGURE 3</b>	
505 East Huntland Drive, Suite 250 Austin, TX 78752 Phone: 512.329.6080 www.trcsolutions.com	
<b>FILE NO.:</b>	HARP_Figure3.mxd



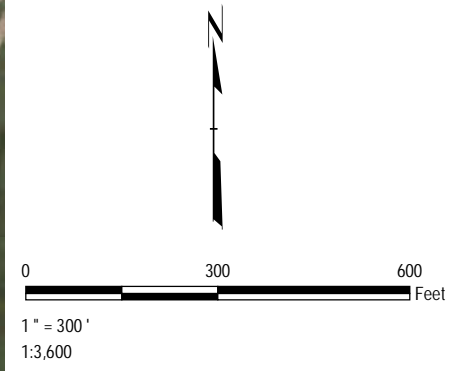



**LEGEND**

-  OHWM ELEVATION POINTS (DNR)
-  ESTIMATED OHWM 2014 (TRC)
-  1' MAJOR CONTOURS (CALUMET COUNTY)
-  1' MINOR CONTOURS (CALUMET COUNTY)
-  OU ENDS



SOURCE: BASEMAP OBTAINED FROM CALUMET COUNTY (MAY 2014).  
OHWM ELEVATION POINTS OBTAINED FROM WISCONSIN DNR (2019).  
1 FT CONTOURS WERE PRODUCED FROM A RASTER DIGITAL ELEVATION MODEL (DEM) PROVIDED BY CALUMET COUNTY (2018).








<b>TECUMSEH &amp; HARP REMEDIAL ACTION STANDARDS REPORT CALUMET COUNTY, WISCONSIN</b>	
<b>ORDINARY HIGH WATER MARK MAP</b>	
DRAWN BY: S. RAY	PROJ NO.: 107927
CHECKED BY:	<b>FIGURE 4</b>
APPROVED BY:	
DATE: FEBRUARY 2021	
	
505 East Huntland Drive, Suite 250 Austin, TX 78752 Phone: 512.329.6080 www.trcsolutions.com	
FILE NO:	HARP_Map_Book_version2_11x17.mxd



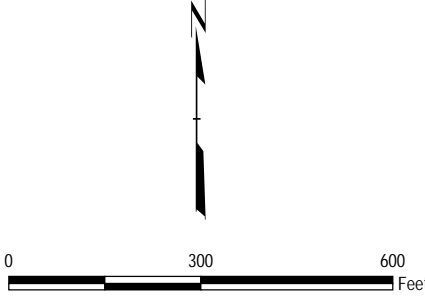


**LEGEND**


-  OHWM ELEVATION POINTS (DNR)
-  ESTIMATED OHWM 2014 (TRC)
-  1' MAJOR CONTOURS (CALUMET COUNTY)
-  1' MINOR CONTOURS (CALUMET COUNTY)
-  OU ENDS



SOURCE: BASEMAP OBTAINED FROM CALUMET COUNTY (MAY 2014).  
OHWM ELEVATION POINTS OBTAINED FROM WISCONSIN DNR (2019).  
1 FT CONTOURS WERE PRODUCED FROM A RASTER DIGITAL ELEVATION MODEL (DEM) PROVIDED BY CALUMET COUNTY (2018).








1" = 300'  
1:3,600

PROJECT:		<b>TECUMSEH &amp; HARP REMEDIAL ACTION STANDARDS REPORT CALUMET COUNTY, WISCONSIN</b>	
TITLE:			
<b>ORDINARY HIGH WATER MARK MAP</b>			
DRAWN BY:	S. RAY	PROJ NO.:	107927
CHECKED BY:		<b>FIGURE 5</b>	
APPROVED BY:			
DATE:	FEBRUARY 2021		
		505 East Huntland Drive, Suite 250 Austin, TX 78752 Phone: 512.329.6080 www.trcsolutions.com	
FILE NO.:		HARP_Map_Book_version2_11x17.mxd	

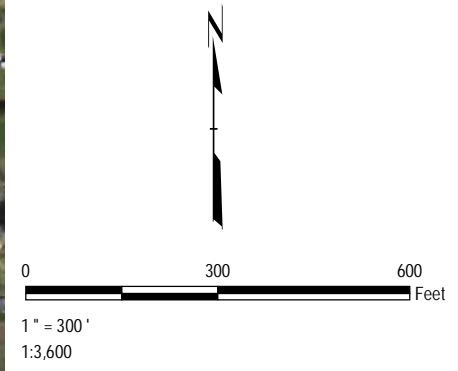





- LEGEND**
-  OHWM ELEVATION POINTS (DNR)
  -  ESTIMATED OHWM 2014 (TRC)
  -  1' MAJOR CONTOURS (CALUMET COUNTY)
  -  1' MINOR CONTOURS (CALUMET COUNTY)
  -  OU ENDS



SOURCE: BASEMAP OBTAINED FROM CALUMET COUNTY (MAY 2014).  
OHWM ELEVATION POINTS OBTAINED FROM WISCONSIN DNR (2019).  
1 FT CONTOURS WERE PRODUCED FROM A RASTER DIGITAL ELEVATION MODEL (DEM) PROVIDED BY CALUMET COUNTY (2018).



PROJECT:		<b>TECUMSEH &amp; HARP REMEDIAL ACTION STANDARDS REPORT CALUMET COUNTY, WISCONSIN</b>	
TITLE:		<b>ORDINARY HIGH WATER MARK MAP</b>	
DRAWN BY:	S. RAY	PROJ NO.:	107927
CHECKED BY:		<b>FIGURE 6</b>	
APPROVED BY:			
DATE:	FEBRUARY 2021		
		505 East Huntland Drive, Suite 250 Austin, TX 78752 Phone: 512.329.6080 www.trcsolutions.com	
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**LEGEND**

- OHWM ELEVATION POINTS (DNR)
- █ ESTIMATED OHWM 2014 (TRC)
- 1' MAJOR CONTOURS (CALUMET COUNTY)
- 1' MINOR CONTOURS (CALUMET COUNTY)
- OU ENDS

SOURCE: BASEMAP OBTAINED FROM CALUMET COUNTY (MAY 2014).  
OHWM ELEVATION POINTS OBTAINED FROM WISCONSIN DNR (2019).  
1 FT CONTOURS WERE PRODUCED FROM A RASTER DIGITAL ELEVATION MODEL (DEM) PROVIDED BY CALUMET COUNTY (2018).

0 300 600  
Feet

1" = 300'  
1:3,600



PROJECT:		<b>TECUMSEH &amp; HARP REMEDIAL ACTION STANDARDS REPORT CALUMET COUNTY, WISCONSIN</b>	
TITLE:			
<b>ORDINARY HIGH WATER MARK MAP</b>			
DRAWN BY:	S. RAY	PROJ NO.:	107927
CHECKED BY:		<b>FIGURE 7</b>	
APPROVED BY:			
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FILE NO.:	HARP_Figure7.mxd		





**LEGEND**

- OHWM ELEVATION POINTS (DNR)
- ESTIMATED OHWM 2014 (TRC)
- 1' MAJOR CONTOURS (CALUMET COUNTY)
- 1' MINOR CONTOURS (CALUMET COUNTY)
- OU ENDS



SOURCE: BASEMAP OBTAINED FROM CALUMET COUNTY (MAY 2014).  
OHWM ELEVATION POINTS OBTAINED FROM WISCONSIN DNR (2019).  
1 FT CONTOURS WERE PRODUCED FROM A RASTER DIGITAL ELEVATION MODEL (DEM) PROVIDED BY CALUMET COUNTY (2018).






0                      300                      600  
Feet

1" = 300'  
1:3,600

<b>PROJECT:</b>	
<b>TECUMSEH &amp; HARP REMEDIAL ACTION STANDARDS REPORT CALUMET COUNTY, WISCONSIN</b>	
<b>TITLE:</b>	
<b>ORDINARY HIGH WATER MARK MAP</b>	
DRAWN BY: S. RAY	PROJ NO.: 107927
CHECKED BY:	<b>FIGURE 8</b>
APPROVED BY:	
DATE: FEBRUARY 2021	
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FILE NO:	HARP_Map_Book_version2_11x17.mxd

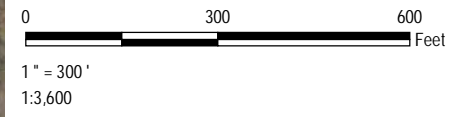





- LEGEND**
-  OHWM ELEVATION POINTS (DNR)
  -  ESTIMATED OHWM 2014 (TRC)
  -  1' MAJOR CONTOURS (CALUMET COUNTY)
  -  1' MINOR CONTOURS (CALUMET COUNTY)
  -  OU ENDS








SOURCE: BASEMAP OBTAINED FROM CALUMET COUNTY (MAY 2014).  
OHWM ELEVATION POINTS OBTAINED FROM WISCONSIN DNR (2019).  
1 FT CONTOURS WERE PRODUCED FROM A RASTER DIGITAL ELEVATION MODEL (DEM) PROVIDED BY CALUMET COUNTY (2018).



PROJECT:		<b>TECUMSEH &amp; HARP REMEDIAL ACTION STANDARDS REPORT CALUMET COUNTY, WISCONSIN</b>	
TITLE:		<b>ORDINARY HIGH WATER MARK MAP</b>	
DRAWN BY:	S. RAY	PROJ NO.:	107927
CHECKED BY:		<b>FIGURE 9</b>	
APPROVED BY:			
DATE:	FEBRUARY 2021		
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FILE NO.:	HARP_Map_Book_version2_11x17.mxd		

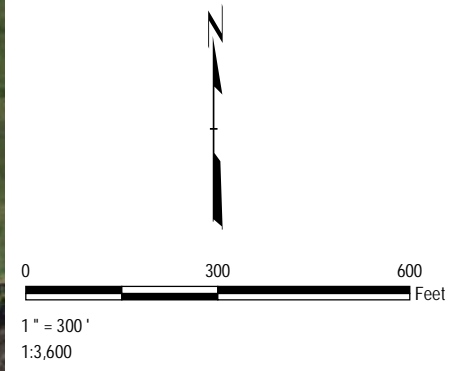





- LEGEND**
-  OHWM ELEVATION POINTS (DNR)
  -  ESTIMATED OHWM 2014 (TRC)
  -  1' MAJOR CONTOURS (CALUMET COUNTY)
  -  1' MINOR CONTOURS (CALUMET COUNTY)
  -  OU ENDS



SOURCE: BASEMAP OBTAINED FROM CALUMET COUNTY (MAY 2014).  
OHWM ELEVATION POINTS OBTAINED FROM WISCONSIN DNR (2019).  
1 FT CONTOURS WERE PRODUCED FROM A RASTER DIGITAL ELEVATION MODEL (DEM) PROVIDED BY CALUMET COUNTY (2018).








<b>PROJECT:</b>		<b>TECUMSEH &amp; HARP REMEDIAL ACTION STANDARDS REPORT CALUMET COUNTY, WISCONSIN</b>	
<b>TITLE:</b>		<b>ORDINARY HIGH WATER MARK MAP</b>	
DRAWN BY:	S. RAY	PROJ NO.:	107927
CHECKED BY:		<b>FIGURE 10</b>	
APPROVED BY:			
DATE:	FEBRUARY 2021		
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FILE NO.:		HARP_Map_Book_version2_11x17.mxd	



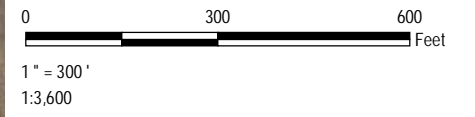



**LEGEND**

-  OHWM ELEVATION POINTS (DNR)
-  ESTIMATED OHWM 2014 (TRC)
-  1' MAJOR CONTOURS (CALUMET COUNTY)
-  1' MINOR CONTOURS (CALUMET COUNTY)
-  OU ENDS



SOURCE: BASEMAP OBTAINED FROM CALUMET COUNTY (MAY 2014).  
OHWM ELEVATION POINTS OBTAINED FROM WISCONSIN DNR (2019).  
1 FT CONTOURS WERE PRODUCED FROM A RASTER DIGITAL ELEVATION MODEL (DEM) PROVIDED BY CALUMET COUNTY (2018).



PROJECT:		<b>TECUMSEH &amp; HARP REMEDIAL ACTION STANDARDS REPORT CALUMET COUNTY, WISCONSIN</b>	
TITLE:		<b>ORDINARY HIGH WATER MARK MAP</b>	
DRAWN BY:	S. RAY	PROJ NO.:	107927
CHECKED BY:		<b>FIGURE 11</b>	
APPROVED BY:			
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FILE NO.:	HARP_Map_Book_version2_11x17.mxd		





**LEGEND**

- OHWM ELEVATION POINTS (DNR)
- ESTIMATED OHWM 2014 (TRC)
- 1' MAJOR CONTOURS (CALUMET COUNTY)
- 1' MINOR CONTOURS (CALUMET COUNTY)
- OU ENDS

SOURCE: BASEMAP OBTAINED FROM CALUMET COUNTY (MAY 2014).  
OHWM ELEVATION POINTS OBTAINED FROM WISCONSIN DNR (2019).  
1 FT CONTOURS WERE PRODUCED FROM A RASTER DIGITAL ELEVATION MODEL (DEM) PROVIDED BY CALUMET COUNTY (2018).

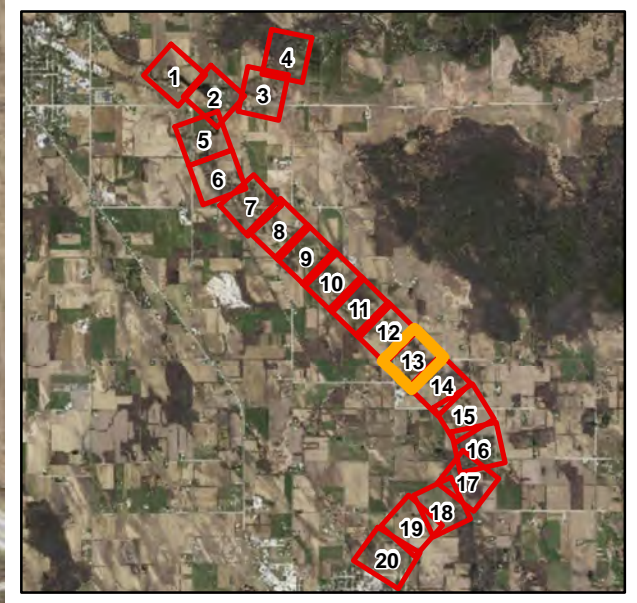
PROJECT:		<b>TECUMSEH &amp; HARP REMEDIAL ACTION STANDARDS REPORT CALUMET COUNTY, WISCONSIN</b>	
TITLE:			
		<b>ORDINARY HIGH WATER MARK MAP</b>	
DRAWN BY:	S. RAY	PROJ NO.:	107927
CHECKED BY:		<b>FIGURE 12</b>	
APPROVED BY:			
DATE:	FEBRUARY 2021		
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FILE NO.:		HARP_Figure12.mxd	



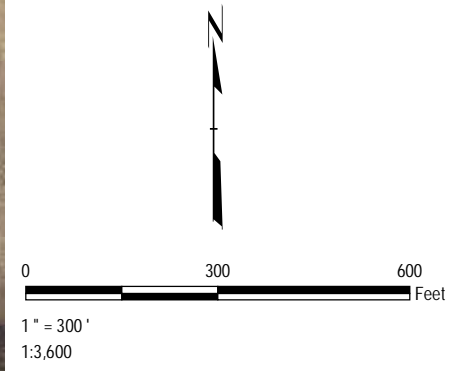


**LEGEND**

- OHWM ELEVATION POINTS (DNR)
- ESTIMATED OHWM 2014 (TRC)
- 1' MAJOR CONTOURS (CALUMET COUNTY)
- 1' MINOR CONTOURS (CALUMET COUNTY)
- OU ENDS



SOURCE: BASEMAP OBTAINED FROM CALUMET COUNTY (MAY 2014).  
OHWM ELEVATION POINTS OBTAINED FROM WISCONSIN DNR (2019).  
1 FT CONTOURS WERE PRODUCED FROM A RASTER DIGITAL ELEVATION MODEL (DEM) PROVIDED BY CALUMET COUNTY (2018).








PROJECT:		<b>TECUMSEH &amp; HARP REMEDIAL ACTION STANDARDS REPORT CALUMET COUNTY, WISCONSIN</b>	
TITLE:		<b>ORDINARY HIGH WATER MARK MAP</b>	
DRAWN BY:	S. RAY	PROJ NO.:	107927
CHECKED BY:		<b>FIGURE 13</b>	
APPROVED BY:			
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FILE NO.:	HARP_Map_Book_version2_11x17.mxd		







**LEGEND**


-  OHWM ELEVATION POINTS (DNR)
-  ESTIMATED OHWM 2014 (TRC)
-  1' MAJOR CONTOURS (CALUMET COUNTY)
-  1' MINOR CONTOURS (CALUMET COUNTY)
-  OU ENDS



SOURCE: BASEMAP OBTAINED FROM CALUMET COUNTY (MAY 2014).  
OHWM ELEVATION POINTS OBTAINED FROM WISCONSIN DNR (2019).  
1 FT CONTOURS WERE PRODUCED FROM A RASTER DIGITAL ELEVATION MODEL (DEM) PROVIDED BY CALUMET COUNTY (2018).






1" = 300'  
1:3,600

<b>PROJECT:</b>	
<b>TECUMSEH &amp; HARP REMEDIAL ACTION STANDARDS REPORT CALUMET COUNTY, WISCONSIN</b>	
<b>TITLE:</b>	
<b>ORDINARY HIGH WATER MARK MAP</b>	
DRAWN BY: S. RAY	PROJ NO.: 107927
<b>FIGURE 14</b>	
DATE: FEBRUARY 2021	
	
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**LEGEND**


-  OHWM ELEVATION POINTS (DNR)
-  ESTIMATED OHWM 2014 (TRC)
-  1' MAJOR CONTOURS (CALUMET COUNTY)
-  1' MINOR CONTOURS (CALUMET COUNTY)
-  OU ENDS

SOURCE: BASEMAP OBTAINED FROM CALUMET COUNTY (MAY 2014).  
OHWM ELEVATION POINTS OBTAINED FROM WISCONSIN DNR (2019).  
1 FT CONTOURS WERE PRODUCED FROM A RASTER DIGITAL ELEVATION MODEL (DEM) PROVIDED BY CALUMET COUNTY (2018).



0 300 600  
Feet

1" = 300'  
1:3,600

PROJECT:		<b>TECUMSEH &amp; HARP REMEDIAL ACTION STANDARDS REPORT CALUMET COUNTY, WISCONSIN</b>	
TITLE:		<b>ORDINARY HIGH WATER MARK MAP</b>	
DRAWN BY:	S. RAY	PROJ NO.:	107927
CHECKED BY:		<b>FIGURE 15</b>	
APPROVED BY:			
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FILE NO.:	HARP_Figure15.mxd		





**LEGEND**

- OHWM ELEVATION POINTS (DNR)
- ESTIMATED OHWM 2014 (TRC)
- 1' MAJOR CONTOURS (CALUMET COUNTY)
- 1' MINOR CONTOURS (CALUMET COUNTY)
- OU ENDS

SOURCE: BASEMAP OBTAINED FROM CALUMET COUNTY (MAY 2014).  
OHWM ELEVATION POINTS OBTAINED FROM WISCONSIN DNR (2019).  
1 FT CONTOURS WERE PRODUCED FROM A RASTER DIGITAL ELEVATION MODEL (DEM) PROVIDED BY CALUMET COUNTY (2018).






0 300 600  
Feet

1" = 300'  
1:3,600

PROJECT:		<b>TECUMSEH &amp; HARP REMEDIAL ACTION STANDARDS REPORT CALUMET COUNTY, WISCONSIN</b>	
TITLE:			
<b>ORDINARY HIGH WATER MARK MAP</b>			
DRAWN BY:	S. RAY	PROJ NO.:	107927
CHECKED BY:		<b>FIGURE 16</b>	
APPROVED BY:			
DATE:	FEBRUARY 2021		
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FILE NO.:	HARP_Figure16.mxd		

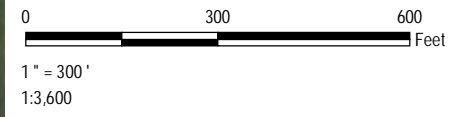





- LEGEND**
-  OHWM ELEVATION POINTS (DNR)
  -  ESTIMATED OHWM 2014 (TRC)
  -  1' MAJOR CONTOURS (CALUMET COUNTY)
  -  1' MINOR CONTOURS (CALUMET COUNTY)
  -  OU ENDS

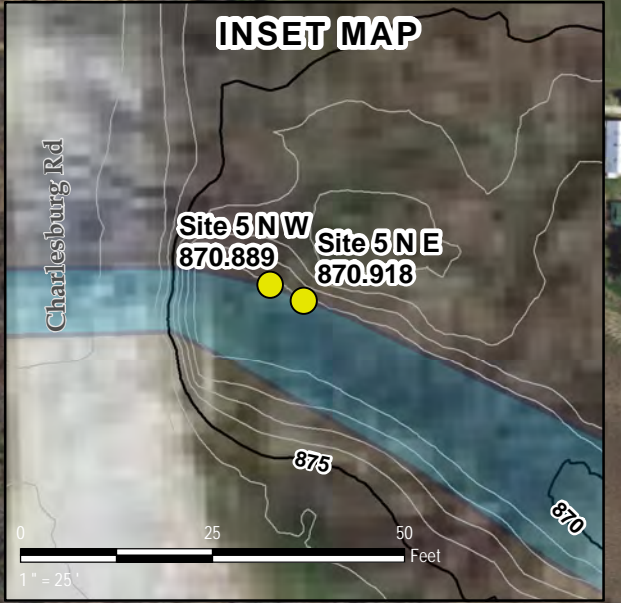


SOURCE: BASEMAP OBTAINED FROM CALUMET COUNTY (MAY 2014).  
OHWM ELEVATION POINTS OBTAINED FROM WISCONSIN DNR (2019).  
1 FT CONTOURS WERE PRODUCED FROM A RASTER DIGITAL ELEVATION MODEL (DEM) PROVIDED BY CALUMET COUNTY (2018).



PROJECT:		<b>TECUMSEH &amp; HARP REMEDIAL ACTION STANDARDS REPORT CALUMET COUNTY, WISCONSIN</b>	
TITLE:			
		<b>ORDINARY HIGH WATER MARK MAP</b>	
DRAWN BY:	S. RAY	PROJ NO.:	107927
CHECKED BY:		<b>FIGURE 17</b>	
APPROVED BY:			
DATE:	FEBRUARY 2021		
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FILE NO.:	HARP_Map_Book_version2_11x17.mxd		





**LEGEND**

- OHWM ELEVATION POINTS (DNR)
- ESTIMATED OHWM 2014 (TRC)
- 1' MAJOR CONTOURS (CALUMET COUNTY)
- 1' MINOR CONTOURS (CALUMET COUNTY)
- OU ENDS

SOURCE: BASEMAP OBTAINED FROM CALUMET COUNTY (MAY 2014).  
OHWM ELEVATION POINTS OBTAINED FROM WISCONSIN DNR (2019).  
1 FT CONTOURS WERE PRODUCED FROM A RASTER DIGITAL ELEVATION MODEL (DEM) PROVIDED BY CALUMET COUNTY (2018).

1" = 300'  
1:3,600

PROJECT:		<b>TECUMSEH &amp; HARP REMEDIAL ACTION STANDARDS REPORT CALUMET COUNTY, WISCONSIN</b>	
TITLE:			
<b>ORDINARY HIGH WATER MARK MAP</b>			
DRAWN BY:	S. RAY	PROJ NO.:	107927
CHECKED BY:		<b>FIGURE 18</b>	
APPROVED BY:			
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FILE NO.:	HARP_Figure18.mxd		





**LEGEND**

- OHWM ELEVATION POINTS (DNR)
- █ ESTIMATED OHWM 2014 (TRC)
- ~ 1' MAJOR CONTOURS (CALUMET COUNTY)
- ~ 1' MINOR CONTOURS (CALUMET COUNTY)
- OU ENDS

SOURCE: BASEMAP OBTAINED FROM CALUMET COUNTY (MAY 2014).  
OHWM ELEVATION POINTS OBTAINED FROM WISCONSIN DNR (2019).  
1 FT CONTOURS WERE PRODUCED FROM A RASTER DIGITAL ELEVATION MODEL (DEM) PROVIDED BY CALUMET COUNTY (2018).

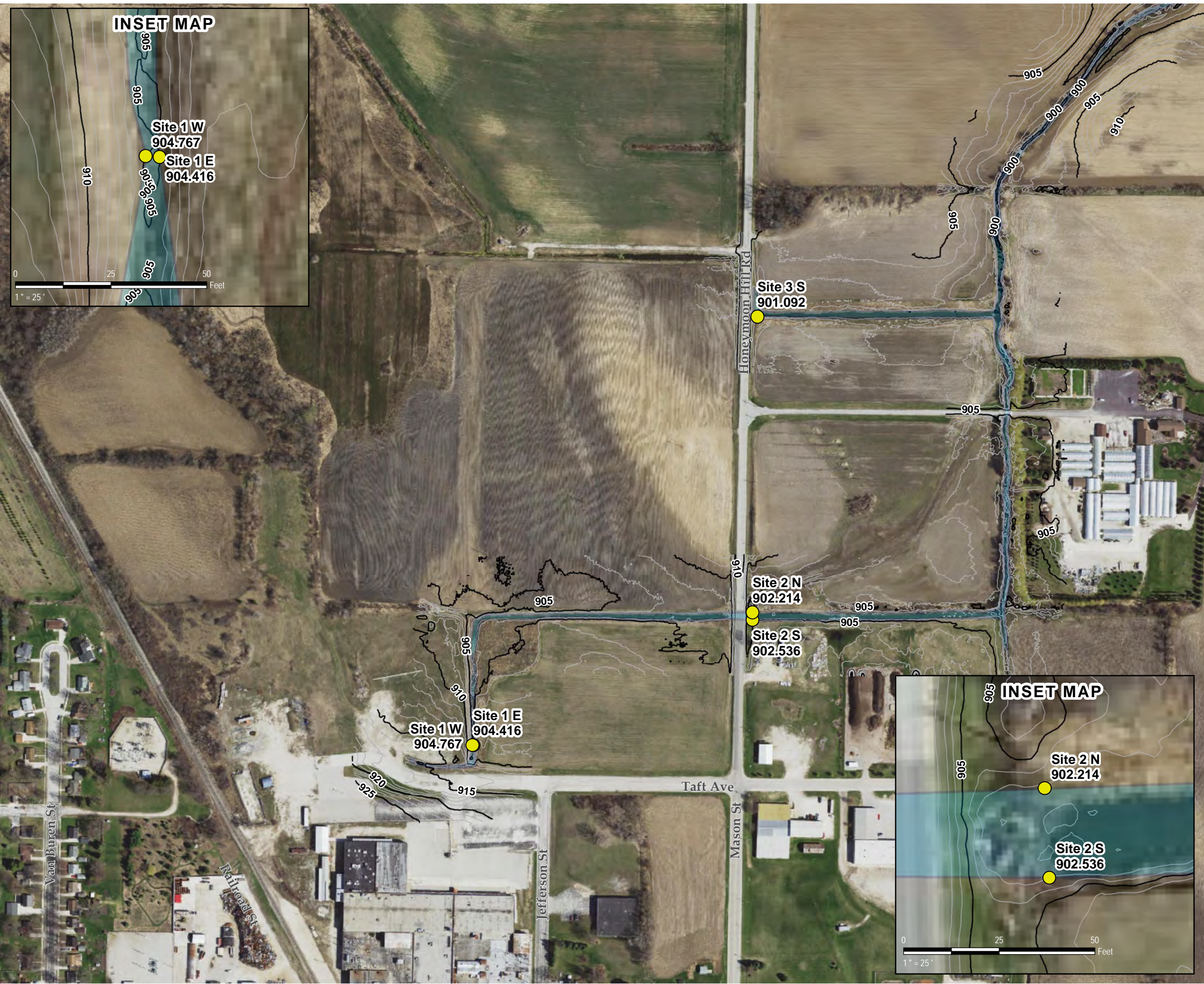
N

0 300 600  
Feet

1" = 300'  
1:3,600

<b>PROJECT:</b>	
<b>TECUMSEH &amp; HARP REMEDIAL ACTION STANDARDS REPORT CALUMET COUNTY, WISCONSIN</b>	
<b>TITLE:</b>	
<b>ORDINARY HIGH WATER MARK MAP</b>	
DRAWN BY: S. RAY	PROJ NO.: 107927
CHECKED BY:	<b>FIGURE 19</b>
APPROVED BY:	
DATE: FEBRUARY 2021	
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FILE NO:	HARP_Figure19.mxd





**LEGEND**

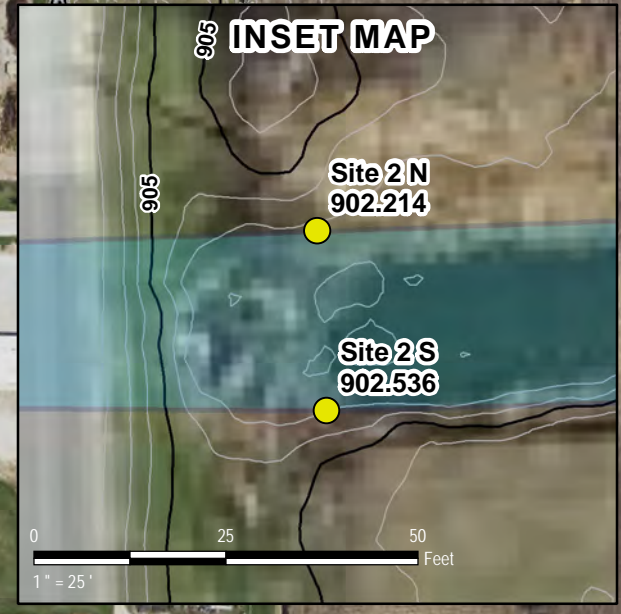
- OHWM ELEVATION POINTS (DNR)
- █ ESTIMATED OHWM 2014 (TRC)
- 1' MAJOR CONTOURS (CALUMET COUNTY)
- 1' MINOR CONTOURS (CALUMET COUNTY)
- OU ENDS

SOURCE: BASEMAP OBTAINED FROM CALUMET COUNTY (MAY 2014).  
OHWM ELEVATION POINTS OBTAINED FROM WISCONSIN DNR (2019).  
1 FT CONTOURS WERE PRODUCED FROM A RASTER DIGITAL ELEVATION MODEL (DEM) PROVIDED BY CALUMET COUNTY (2018).

N

0 300 600  
Feet

1" = 300'  
1:3,600



PROJECT: **TECUMSEH & HARP  
REMEDIAL ACTION STANDARDS REPORT  
CALUMET COUNTY, WISCONSIN**

TITLE: **ORDINARY HIGH WATER MARK MAP**

DRAWN BY: S. RAY    PROJ NO.: 107927

CHECKED BY: \_\_\_\_\_

APPROVED BY: \_\_\_\_\_

DATE: FEBRUARY 2021

**FIGURE 20**

**TRC**

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