

PRE-CERCLIS SCREENING ASSESSMENT CHECKLIST/DECISION FORM

This checklist can assist the site investigator during the Pre-CERCLIS screening. It will be used to determine whether further steps in the site investigation process are required under CERCLA. Use additional sheets for the narrative.

Checklist Preparer:

Tauren R. Beggs, Hydrogeologist

June 26, 2014

(Name / Title)

(Date)

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(Address)

(Phone)

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(Email Address)

Site Name:

Manitowoc City / Former Newton Tn Gravel Pit

Other Names (if any):

Site Location:

3130 Hecker Road

(Street)

Manitowoc

Manitowoc

WI

54220

(City)

(County)

(State)

(Zip+4)

Congressional District

Latitude:

44° 3' 37.57"

Longitude:

87° 43' 16.12"

With regards to the Latitude and Longitude, please provide the following information: Accuracy in Meters +/-, Collection Method, Reference Datum, Reference Point, Source Map Scale, Point/Line/Area; Collection Date; Verification Method

Check to confirm that geospatial information has been attached

Geospatial information was collected on 6-19-2014 using the State DNR RR Sites Map (attached).

Utilizes NAD83 Coordinate System

The Reference Point is the known source area (western source area) as shown on the attached map.

Complete the following checklist. If "yes" is marked, please explain below.

	YES	NO
1. Does the site already appear in CERCLIS?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Is there an actual release or potential to release? <u>Release of VOCs, PAHs, metals, and PCBs to soil and groundwater in source area. CVOCs in potable water and surface water.</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If "yes" to question 2, do any of the following apply?		
3. Is there documentation indicating that a target (e.g., drinking water wells, drinking surface water intakes, etc.) has been exposed to a hazardous substance released from the site? <u>CVOCs in drinking water above the MCL and/or State NR 140.10 Public Health Groundwater Quality Standards.</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Are there undocumented potential targets on-site or within one mile of the site? <u>Degree and extent of groundwater contamination has not been completely defined on/off-site; however, off-site potable wells are being monitored while the investigation is ongoing and will continue to be monitored long term.</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Is there sufficient documentation that clearly demonstrates that there is no potential for the release to cause adverse environmental or human health impacts (e.g., comprehensive remedial investigation equivalent data showing no release above ARARs, completed removal action, documentation showing that no hazardous substance releases have occurred, EPA approved risk assessment completed)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. Is some other program actively involved with the site (i.e., another Federal, State, or Tribal program)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. Is the release from products that are part of the structure of, and result in exposure within, residential buildings	<input type="checkbox"/>	<input checked="" type="checkbox"/>

or businesses or community structures? Listed as a RCRA hazardous waste generator site, but not as a RCRA Corrective Action Site.		
8. Does the site consist of a release of a naturally occurring substance in its unaltered form, or altered solely through naturally occurring processes or phenomena, from a location where it is naturally found?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9. Is the release into a public or private drinking water supply due to deterioration of the system through ordinary use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10. Are the hazardous substances potentially released at the site regulated under a statutory exclusion (i.e., petroleum, natural gas, natural gas liquids, synthetic gas usable for fuel, normal application of fertilizer, release located in a workplace, naturally occurring, or regulated by the NRC, UMTRCA, or OSHA)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11. Are the hazardous substances potentially released at the site excluded by policy considerations (e.g., deferral to RCRA Corrective Action)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Please explain all "yes" answer(s), attach additional sheets or refer to narrative:

- Site Determination:** Enter the site into CERCLIS. Further assessment is recommended (explain below).
 The site is not recommended for placement into CERCLIS (explain below).

DECISION/DISCUSSION/RATIONALE:
Manitowoc City / Former Newton Tn Gravel Pit is where the City of Manitowoc (City) allowed industrial companies from the City of Manitowoc to historically dump their hazardous wastes in the open gravel pit. The City started the investigation in 1993 and has continued to present day. Contaminants identified are volatile organic compounds (petroleum and chlorinated solvents), polycyclic aromatic hydrocarbons, metals, and PCBs in soil and groundwater in the source area. Contaminated groundwater flowing to the southeast has caused VOC contamination, specifically vinyl chloride and cis-1,2 dichloroethylene, which is impacting the surface water in the creek and off-site potable wells. Air vapors have been investigated within the residence with the most contaminated potable well and were determined to not be impacted by the contamination. The site investigation, remedial actions to provide permanent clean potable water, and long term well monitoring are currently ongoing by the City.

The City so far has met our expectations and is moving forward with this site; however, they have had to tighten up their budgets in other areas to put more funding towards this case. Due to the City's limited funding, DNR wants to have this site already in the system in the case the City is unable to meet additional requirements. There were quite a few years when the site did not progress with the needed environmental actions to keep it moving forward. Progress on the site has resumed under WDNR project management and with newer city staff involved.

EPA Regional Review and Site Assessment Decision

- Check the box(es) that apply:
 Not a Valid Site or Incident
 Incident for Further Action Under CERCLA

- Recommended Further Action:**
 APA
 Full PA
 SI

- Defer/Refer to:**
 Removal Program
 State/Tribal Program
 RCRA

- Brownfields
- Other: _____

Regional EPA Reviewer:

David Brauner David M. Brauner 6/26/14
Print Name/Signature Date

State Agency/Tribe:

Tauren R. Beggs T. R. Beggs 06/26/2014
Print Name/Signature Date

**U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) REGION 5 SUPERFUND DIVISION
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY INFORMATION SYSTEM (CERCLIS)
SITE INFORMATION FORM (SIF)**

Purpose and Use of the SIF

The SIF is the primary document used in Region 5 for the purposes of entering new Superfund sites into CERCLIS. SIFs should be completed electronically by On-Scene Coordinators (OSC) and Site Assessment Managers (SAM) when it is confirmed that a new site identified under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) should be entered into CERCLIS.

A SIF *should not* be completed if:

- It is known that the site already exists in CERCLIS, or has been removed from CERCLIS and no new data warrants re-entry;
- The site or its contaminants are subject to certain limitations based on definitions in CERCLA;
- A State or Tribal remediation program is involved in response at the site and is in the process of a final cleanup;
- The hazardous substance release at the site is regulated under a statutory exclusion (see CERCLA section 101(22));
- The hazardous substance release at the site is deferred to another authority (e.g., Resource Conservation and Recovery Act (RCRA));
- Site data is insufficient to determine if CERCLIS entry is warranted (i.e., based on potentially unreliable sources or with no information to support the presence of hazardous substances or CERCLA eligible pollutants or contaminants); or
- Documentation clearly demonstrates there is no potential for a release that could cause adverse environmental or human health impacts.

Please reference the Superfund Program Implementation Manual (SPIM) (Site Assessment/ National Priority List (NPL) Listing) for more information.

Additional Instructions

OSCs and SAMs should complete SIFs electronically, populating all applicable fields. **Required fields are bolded**, and remaining fields should be completed as applicable. Following are several points of clarification:

- **Removal Initiation Date versus Site Discovery Date**—Provide a Removal Initiation Date if the site requires *removal assessment/action* under CERCLA; provide a Site Discovery Date *only* if the site requires *NPL assessment/action* under CERCLA;
- **Site Spill ID (SSID)**—Obtain and enter the SSID received from John Maritote, of the Emergency Enforcement Services Section (EESS); if an SSID is not required, check the 'No SSID Required' box;
- **Street Address**—If possible, provide a complete street address for the spill site or corresponding facility; if an exact address cannot be identified, provide the distance and direction (e.g., N, NW, S, SE) from the closest intersection (include street names) or address;
- **Lat/Long Details**—Provide responses for all applicable fields based on the Lat/Long collection method; if details are unknown, select 'Unknown';
- **Site Type**—Site Type categories and subcategories are included in the SIF; select all that apply.

Submitting the SIF

Completed SIFs should be e-mailed to John Maritote at Maritote.John@epa.gov.

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SIF Completed by: Tauren Beggs, on 6 / 26 / 2014

Site Identification Information				
Site Name:	Manitowoc City / Former Newton Tn Gravel Pit	SSID:		<input type="checkbox"/> No SSID Required
Removal Initiation Date: <i>(Provide only if a removal assessment/ action is required)</i>	/ /	Site Designations: <i>(Select all that apply)</i>	<input type="checkbox"/> Fed. Facility Flag / Docket: <input type="checkbox"/> RCRA Flag <input type="checkbox"/> FUDS Site <input type="checkbox"/> Native American Interest <input type="checkbox"/> Navajo Nation	
Site Discovery Date: <i>(Provide only if an NPL assessment/ action is required)</i>	7 / 2 / 1991			
Non-NPL Site Status:	PA Start Needed	Identified By:	States	
NPL Site Status:	Not on the NPL	State ID: <i>(If known)</i>	02-36-000268	
Site Contact Information				
OSC/ RPM/ EAPM Name / Phone:	/() -	State Contact Name / Phone:	Tauren Beggs /(920)662 - 5178	
		Other Reg. Contact Name / Phone:	Kathy Sylvester /(920)424 - 0399	
Site Location Information				
Street Address: <i>(Specify the address of the spill site/facility; if an exact address cannot be identified, provide the distance and direction (e.g., N, SE) from the nearest intersection (include street names) or address)</i>	3130 Hecker Road Manitowoc	Lat/Long Unit of Measure: <i>(Select one)</i>	<input checked="" type="checkbox"/> Degrees, Minutes, Seconds	<input checked="" type="checkbox"/> Decimal Degrees
		Latitude:	+ 44°3 37.57"	+ 44
		Longitude:	- 87°43 16.12"	- 87
County:	Manitowoc	Lat/Long Details: <i>(Complete all applicable fields based on Lat/Long collection method; if details are unknown, select 'Unknown')</i>	Collection Method:	Address Matching-Digitized
State:	WI		Reference Datum:	NAD 83
Zip Code:	54220		Reference Point:	Release Point ; or (more options)
Congressional District:	6		Collection Date:	6 / 19 / 2014

* Note that Required fields are Bolded

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Additional Site Information			
<p>Site/Incident Description: (Include a discussion on whether there are long-term cleanup concerns and/or an NPL assessment is needed)</p>	<p>Manitowoc City / Former Newton Tn Gravel Pit is where the City of Manitowoc (City) allowed industrial companies from the City of Manitowoc to historically dump their hazardous wastes in the open gravel pit. The City started the investigation in 1993 and it has continued to present day. Contaminants identified are volatile organic compounds (petroleum and chlorinated solvents), polycyclic aromatic hydrocarbons, metals, and PCBs in soil and groundwater in the source area. Contaminated groundwater flowing to the southeast has caused VOC contamination, specifically vinyl chloride and cis-1,2 dichloroethylene, impacting the surface water in the creek and off-site potable wells. Air vapors have been investigated within the residence with the most contaminated potable well and were determined to not be impacted by the contamination. The site investigation, remedial actions to provide permanent clean potable water, and long term well monitoring is currently ongoing by the City.</p> <p>The City so far has met our expectations and is moving forward with this site; however, they have had to tighten up their budgets in other areas to put more funding towards this case. Due to the City's limited funding, DNR wants to have this site already in the system in the case the City is unable to meet additional requirements. There were quite a few year where the site did not progress with the needed environmental actions to keep it moving forward. We have managed to get it back on track with DNR project management and newer City staff involved.</p>		
<p>Site Type: (Select Site Type Categories and Subcategories (all that apply))</p>	<p align="center">Categories</p>	<p align="center">Subcategories</p>	
	<input type="checkbox"/> Manufacturing/ Processing / Maintenance	<input type="checkbox"/> Chemicals and allied products <input type="checkbox"/> Radioactive products <input type="checkbox"/> Primary metals/ mineral processing <input type="checkbox"/> Oil and gas refining <input type="checkbox"/> Metal fabrication/ finishing/ coating <input type="checkbox"/> Lumber and wood products/ pulp and paper <input type="checkbox"/> Lumber and wood products/wood preserving/ treatment <input type="checkbox"/> Plastics and rubber products	<input type="checkbox"/> Electronic/ electrical equipment <input type="checkbox"/> Electric power generation and distribution <input type="checkbox"/> Coal gasification <input type="checkbox"/> Ordinance production <input type="checkbox"/> Coke production <input type="checkbox"/> Trucks/ ships/ trains/ aircraft and related components <input type="checkbox"/> Tanneries <input type="checkbox"/> Fabrics/ textiles
	<input checked="" type="checkbox"/> Waste Management	<input type="checkbox"/> Municipal solid waste landfill <input type="checkbox"/> Industrial waste landfill <input type="checkbox"/> Co-disposal landfill (municipal and industrial) <input type="checkbox"/> Industrial waste facility (non-generator)	<input type="checkbox"/> Radioactive waste treatment, storage, disposal (non-generator) <input type="checkbox"/> Mine tailings disposal <input checked="" type="checkbox"/> Illegal disposal/open dump
	<input type="checkbox"/> Mining	<input type="checkbox"/> Coal <input type="checkbox"/> Oil and Gas	<input type="checkbox"/> Metals <input type="checkbox"/> Non-metal minerals
	<input type="checkbox"/> Recycling	<input type="checkbox"/> Batteries/ scrap metals/ secondary smelting/ precious metal recovery <input type="checkbox"/> Waste/ used oil	<input type="checkbox"/> Automobiles/ tires <input type="checkbox"/> Drums/ tanks <input type="checkbox"/> Chemicals/ chemical waste (e.g., solvent recovery)

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	<input type="checkbox"/> Other	<input type="checkbox"/> Treatment works/ septic tanks/ other sewage <input type="checkbox"/> Transportation (e.g., railroad yards, airport) <input type="checkbox"/> Product storage/ distribution <input type="checkbox"/> Ground water plume site, no identifiable source <input type="checkbox"/> Contaminated sediment site with no identifiable source	<input type="checkbox"/> Retail/ commercial <input type="checkbox"/> Agricultural (e.g., grain elevator) <input type="checkbox"/> Spill or other one-time event <input type="checkbox"/> Military/ other ordinance <input type="checkbox"/> Research, development, and testing facility <input type="checkbox"/> Dust control
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* Note that Required fields are Bolded



DNR RR Sites Map - Manitowoc Cty / Newton Tn Geospatial Information



Legend

- ◆ Open Site (ongoing cleanup)
- Open Site Boundary
- ◆ Closed Site (completed cleanup)
- Closed Site Boundary
- Airport
- 2010 Air Photos (WROC)
- Cities
- Villages



NAD_1983_HARN_Wisconsin_TM

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1: 6,045

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, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made regarding accuracy, applicability for a particular use, completeness, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: <http://dnr.wi.gov/org/legal/>

Note: Not all sites are mapped.

Notes