

Pre-CERCLA Screening Checklist/Decision Form

This form is used in conjunction with a site map and any additional information required by the EPA Region to document completion of a Pre-CERCLA Screening (PCS). The form includes a decision on whether a site should be added to the Superfund program's active site inventory for further investigation. This checklist replaces Attachment A in the December 2016 PCS Guidance document. A current version of the PCS checklist and additional information is available at: <https://www.epa.gov/superfund/pre-cercla-screening>.

Region: 5 State/Territory: WI Tribe: _____ EPA ID No. (If Available) WID988594339

Site Name: 5750 W Fond du Lac Ave Property

Other Site Name(s): Heaven Scent Cleaners

Site Location: 5750 W Fond du Lac Ave

4 Milwaukee WI MILWAUKEE 53216 - 1224
Congressional (City) (State/Terr.) (County) (Zip+4) (No Zip Available)
District

If no street address is available: _____
(Township-Range) (Section)

Checklist Preparer: Caroline Rice/Hydrogeologist 08/11/2020
(Name / Title) (Date)

Wisconsin Department of Natural Resources (608) 219-2182
(Organization) (Phone)

3911 Fish Hatchery Road caroline.rice@wisconsin.gov
(Street) e-Mail

Fitchburg WI DANE 53711 5367
(City) (State/Terr.) (County) (Zip+4)

Site Contact Info/Mailing Address: Living Epistle Church of Holiness Inc / 3401 N 35TH St, Milwaukee, WI 53216

CERCLA 105d Petition for Preliminary Assessment? No If Yes, Petition Date (mm/dd/yyyy): _____

RCRA Subtitle C Site Status: Is site in RCRA Info? Yes If Yes, RCRA Info Handler ID #: WID988594339

Ownership Type: Private Additional RCRA Info ID #(s): _____

Site Type: Other State ID #(s): _____

Site Sub-Type: Dry-Cleaning Operations Other ID #(s): _____

Federal Facility? No Federal Facility Owner: (Make selection)

Formerly Used Defense Site (FUDS)? No

Federal Facility Docket? No If Yes, FF Docket Listing Date (mm/dd/yyyy): _____

Federal Facility Docket Reporting Mechanism: (Make selection)

Native American Interest? (Make selection) If Yes, list Tribe: _____

Additional Tribe (s): (Make Selection)

Additional Tribe (s): (Make Selection)

Site Description

Use this section to briefly describe site background and conditions if known or (easily) available, such as: operational history; physical setting and land use; site surface description, soils, geology and hydrogeology; source and waste characteristics; hazardous substances/contaminants of concern; historical releases, previous investigations and cleanup activities; previous regulatory actions, including permitting and enforcement actions; institutional controls; and community interest.

The site is covered by somewhat degraded concrete and the on-site building. No work, known to the department, has been completed to characterize the subsurface conditions of the site. We expect to find a fine-grained soil, composed primarily of clay, underlain by a carbonate (dolomite) bedrock. Groundwater is inferred to flow northeast, based on local drainage.

The site was historically used as a service/gas station and a dry cleaner. The specific dates of operation are unknown. The city has cited the property for failure to dispose of barrels holding toxic materials.

Contamination was noted in February of 2014 during a Phase II environmental site assessment. The Wisconsin DNR was subsequently notified of a release of a hazardous substance. It is assumed dry-cleaning activities caused the

Geospatial Information

Latitude: 43.09701 Longitude: 87.98472
 Decimal Degree North (e.g., 38.859156) Decimal Degree West (e.g., 77.036783)

Provide 4 significant digits at a minimum, more if your collection method generates them.

Except for certain territories in the Pacific Ocean, all sites in U.S. states and territories are located within the northern and western hemispheres and will have a positive latitude sign and negative longitude sign. Coordinate signs displayed above are based on the State/Territory entry on page A-1. Geospatial data tips from the PCS Guidance document are available [here](#).

Point Description: Select the option below that best represents the site point for future reference and to distinguish it from any nearby sites. See additional information [here](#).

- Geocoded (address-matched) Site Address
- Site Entrance (approximate center of curb-cut)
- Approximate Center of Site
- Other Distinguishing Site Feature (briefly describe):

Point Collection Method: Check the method used to collect the coordinates above and enter the date of collection. See additional information [here](#).

- Online Map Interpolation
- GPS (handheld, smartphone, other device or technology with accuracy range < 25 meters)
- GPS Other (accuracy range is ≥ 25 meters or unspecified)
- Address Matching: Urban
- Address Matching: Rural
- Other Method (briefly describe below):

Collection Date (mm/dd/yyyy): 08/06/2020

POINT-SELECTION CONSIDERATIONS

- Often the best point is a feature associated with the environmental release or that identifies the site visually.
- Use the curb cut of the entrance to the site if there is a clear primary entrance and it is a good identifier for the overall location.
- The approximate center of the site (a guess at the centroid) is useful for large-area sites or where there are no appropriate distinguishing features.
- Use the geocoded address if that is the only or best option available, but if possible use something more representative for sites larger than 50 acres.

Complete this checklist to help determine if a site should be added to the Superfund Active site inventory. See Section 3.6 of the PCS guidance for additional information.	YES	NO	Unknown
1. An initial search for the site in EPA's Superfund active, archive and non-site inventories should be performed prior to starting a PCS. Is this a new site that does not already exist in these site inventories?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Is there evidence of an actual release or a potential to release?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Are there possible targets that could be impacted by a release of contamination at the site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Is there documentation indicating that a target has been exposed to a hazardous substance released from the site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Is the release of a naturally occurring substance in its unaltered form, or is it altered solely through naturally occurring processes or phenomena, from a location where it is naturally found?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Is the release from products which are part of the structure of, and result in exposure within, residential buildings or business or community structures?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. If there has been a release into a public or private drinking water supply, is it due to deterioration of the system through ordinary use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Are the hazardous substances possibly released at the site, or is the release itself, excluded from being addressed under CERCLA?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Is the site being addressed under RCRA corrective action or by the Nuclear Regulatory Commission?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Is another federal, state, tribe or local government environmental cleanup program other than site assessment actively involved with the site (e.g., state voluntary cleanup program)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Is there sufficient documentation or evidence that demonstrates there is no likelihood of a significant release that could cause adverse environmental or human health impacts?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Are there other site-specific situations or factors that warrant further CERCLA remedial/integrated assessment or response?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- Preparer's Recommendation: Add site to the Superfund Active site inventory.
 Do not add site to the Superfund Active site inventory.

Please explain recommendation below:

PCS Summary and Decision Rationale

Use this section to summarize PCS findings and support the decision to add or not add the site to the Superfund active site inventory for further investigation. Information does not need to be specific but, where known, can include key factors such as source and waste characteristics (e.g., drums, contaminated soil); evidence of release or potential release; threatened targets (e.g., drinking water wells); key sampling results (if available); CERCLA eligibility; involvement of other cleanup programs; and other supporting factors. Attach additional pages as necessary.

The site should be added to the Superfund active site inventory. Both the soil and the groundwater on site are known to be contaminated with chlorinated volatile organic compounds (CVOCs) and other hazardous materials.

The groundwater plume has not been adequately defined in degree or extent. To date we have two groundwater samples, both were taken from temporary monitoring wells (TW-1 and TW-2). TW-2, located behind the onsite building, recorded tetrachloroethene (PCE; 3,200 ug/L), trichloroethene (TCE; 83 ug/L), cis-1,2 dichloroethene (540 ug/L), and vinyl chloride (6.8 ug/L) in exceedance of their respective NR 140 Enforcement Standards. Groundwater contamination may extend northeast beneath residential homes.

Caroline Rice	State staff/State contractor	08/10/2020
Checklist Preparer Name	Checklist Preparer Organization	Date

EPA Regional Review and Pre-CERCLA Screening Decision

Add site to the Superfund active site inventory for completion of a:

- Standard/full preliminary assessment (PA)
- Abbreviated preliminary assessment (APA)
- Combined preliminary assessment/site inspection (PA/SI)
- Integrated removal assessment and preliminary assessment
- Integrated removal assessment and combined PA/SI
- Other: _____

Do not add site to the Superfund active site inventory. Site is:

- Not a valid site or incident
- Being addressed by EPA's removal program
- Being addressed by a state cleanup program
- Being addressed by a tribal cleanup program
- Being addressed under the Resource Conservation and Recovery Act
- Being addressed by the Nuclear Regulatory Commission
- Other: _____

Optional- Print name of EPA Site Assessor making this decision: Erica Aultz, EPA R5 Site Assessment Manager

EPA Regional Approval: (Enter Date and then click this box to initiate digital signature stamp)

Erica Aultz Digitally signed by ERICA AULTZ
Date: 2020.12.01 11:50:10 -06'00'

Date
12/01/2020

Site Description

(All text as entered on page A-2)

The site is covered by somewhat degraded concrete and the on-site building. No work, known to the department, has been completed to characterize the subsurface conditions of the site. We expect to find a fine-grained soil, composed primarily of clay, underlain by a carbonate (dolomite) bedrock. Groundwater is inferred to flow northeast, based on local drainage.

The site was historically used as a service/gas station and a dry cleaner. The specific dates of operation are unknown. The city has cited the property for failure to dispose of barrels holding toxic materials.

Contamination was noted in February of 2014 during a Phase II environmental site assessment. The Wisconsin DNR was subsequently notified of a release of a hazardous substance. It is assumed dry-cleaning activities caused the release of chlorinated volatile organic compounds to the site. Additionally, petroleum volatile organic compounds (PVOCs) and heavy metals were noted on site. No additional investigations were conducted following the initial assessment.

Residential homes exist to the northeast of the site. The contamination on site may pose a risk of vapor intrusion into residential homes.

PCS Summary and Decision Rationale

(All text as entered on page A-4)

The site should be added to the Superfund active site inventory. Both the soil and the groundwater on site are known to be contaminated with chlorinated volatile organic compounds (CVOCs) and other hazardous materials.

The groundwater plume has not been adequately defined in degree or extent. To date we have two groundwater samples, both were taken from temporary monitoring wells (TW-1 and TW-2). TW-2, located behind the onsite building, recorded tetrachloroethene (PCE; 3,200 ug/L), trichloroethene (TCE; 83 ug/L), cis-1,2 dichloroethene (540 ug/L), and vinyl chloride (6.8 ug/L) in exceedance of their respective NR 140 Enforcement Standards. Groundwater contamination may extend northeast beneath residential homes.

Soil on site has been investigated at five locations; at each location a shallow soil sample and a deep soil sample was taken. Soil contamination was noted in the shallow soil samples. The soil investigation found PVOCs, RCRA metals, and CVOCs. SB-03, located in front of the building, noted naphthalene at 2,140 ug/kg and 1,2,4 trimethylbenzene at 9,000 ug/kg. Arsenic was present in exceedance of the NR700 Direct Contact standard in sample SB-02 (3.03 mg/kg) and SB-04 (2.85 mg/kg); both samples were taken at 2-4 feet bgs. SB-05, located behind the building at 6-8 feet bgs, noted various CVOCs. SB-05 noted PCE (27,200 ug/kg), TCE (1,110 ug/kg), cis-1,2 dichloroethene (2,880 ug/kg), and vinyl chloride (74 ug/kg) in exceedance of their respective Wis. Admin. Code ch. NR 720 groundwater pathway residual contaminant levels. The extent of soil contamination has not been adequately defined. Additional investigation is needed behind the on-site building.

The extent of soil and groundwater contamination has not been adequately defined. Further investigative and potentially remedial work is necessary to protect human health and the environment. The contamination from on site may pose a risk of vapor intrusion into residential homes. The potential of vapor intrusion must be evaluated.



LEGEND	
⊗ Appx. Soil Boring Location	○ Temporary Well
--- Appx. Property Boundry	



THE SIGMA GROUP
Single Source. Sound Solutions.

PHASE II S
 5750 W. F
 MILWAUK

Table 1
Groundwater Analytical Table
5750 W. Fond du Lac Avenue, Milwaukee, Wisconsin 53216
Sigma Project No. 13385

Well Location:	TW-01	TW-02	DUP (TW-01)	NR 140 ES	NR 140 PAL
Date:	2/24/14	2/24/14	2/24/14		
Water Elevation* (feet MSL):	NA	NA	NA		
PVOCs & Detected VOCs					
Benzene	µg/L	<0.24	<0.24	<0.24	5 0.5
Ethylbenzene	µg/L	2.53	<0.55	1.32 J	700 140
Methyl-tert-butyl-ether	µg/L	<0.23	<0.23	<0.23	60 12
Toluene	µg/L	<0.69	<0.69	<0.69	800 160
1,2,4-Trimethylbenzene	µg/L	13.1	<2.2	10.1	NS NS
1,3,5-Trimethylbenzene	µg/L	<1.4	<1.4	<1.4	NS NS
Total Trimethylbenzene	µg/L	13.1	<3.6	10.1	480 96
Xylenes, Total	µg/L	6.0	<1.32	3.06	2,000 400
Bromobenzene	µg/L	<0.32	<0.32	<0.32	NS NS
Bromodichloromethane	µg/L	<0.37	<0.37	<0.37	0.6 0.06
Bromoform	µg/L	<0.35	<0.35	<0.35	4.4 0.44
tert-Butylbenzene	µg/L	<0.36	<0.36	<0.36	NS NS
sec-Butylbenzene	µg/L	<0.33	<0.33	<0.33	NS NS
n-Butylbenzene	µg/L	<0.35	<0.35	<0.35	NS NS
Carbon Tetrachloride	µg/L	<0.33	<0.33	<0.33	5 0.5
Chlorobenzene	µg/L	<0.24	<0.24	<0.24	NS NS
Chloroethane	µg/L	<0.63	<0.63	<0.63	400 80
Chloroform	µg/L	<0.28	0.29 J	<0.28	6 0.6
Chloromethane	µg/L	<0.81	<0.81	<0.81	30 3
2-Chlorotoluene	µg/L	<0.21	<0.21	<0.21	NS NS
4-Chlorotoluene	µg/L	<0.21	<0.21	<0.21	NS NS
1,2-Dibromo-3-Chloropropane	µg/L	<0.88	<0.88	<0.88	0.2 0.02
Dibromochloromethane	µg/L	<0.22	<0.22	<0.22	60 6
1,4-Dichlorobenzene	µg/L	<0.3	<0.3	<0.3	75 15
1,3-Dichlorobenzene	µg/L	<0.28	<0.28	<0.28	600 120
1,2-Dichlorobenzene	µg/L	<0.36	<0.36	<0.36	600 60
Dichlorodifluoromethane	µg/L	<0.44	<0.44	<0.44	1,000 200
1,2-Dichloroethane	µg/L	1.0 J	<0.41	0.87 J	5 0.5
1,1-Dichloroethane	µg/L	<0.3	<0.3	<0.3	850 85
1,1-Dichloroethene	µg/L	<0.4	1.27 J	<0.4	7 0.7
cis-1,2-Dichloroethene	µg/L	<0.38	540	<0.38	70 7
trans-1,2-Dichloroethene	µg/L	<0.35	9.0	<0.35	100 20
1,2-Dichloropropane	µg/L	<0.32	<0.32	<0.32	5 0.5
2,2-Dichloropropane	µg/L	<0.36	<0.36	<0.36	NS NS
1,3-Dichloropropane	µg/L	<0.33	<0.33	<0.33	NS NS
Di-isopropyl ether	µg/L	<0.23	<0.23	<0.23	NS NS
EDB (1,2-Dibromoethane)	µg/L	<0.44	<0.44	<0.44	0.05 0.005
Hexachlorobutadiene	µg/L	<1.5	<1.5	<1.5	NS NS
Isopropylbenzene	µg/L	0.98	<0.3	0.52 J	NS NS
p-Isopropyltoluene	µg/L	<0.31	<0.31	<0.31	NS NS
Methylene Chloride	µg/L	<0.5	<0.5	<0.5	5 0.5
Naphthalene	µg/L	<1.7	<1.7	<1.7	100 10
n-Propylbenzene	µg/L	2.12	<0.25	1.1	NS NS
1,1,2,2-Tetrachloroethane	µg/L	<0.45	<0.45	<0.45	0.2 0.02
1,1,1,2-Tetrachloroethane	µg/L	<0.33	<0.33	<0.33	70 7
Tetrachloroethene (PCE)	µg/L	<0.33	3200	<0.33	5 0.5
1,2,4-Trichlorobenzene	µg/L	<0.98	<0.98	<0.98	70 14
1,2,3-Trichlorobenzene	µg/L	<1.8	<1.8	<1.8	NS NS
1,1,1-Trichloroethane	µg/L	<0.33	1.01	<0.33	200 40
1,1,2-Trichloroethane	µg/L	<0.34	1.03 J	<0.34	5 0.5
Trichloroethene (TCE)	µg/L	<0.33	83	<0.33	5 0.5
Trichlorofluoromethane	µg/L	<0.71	<0.71	<0.71	3,490 698
Vinyl Chloride	µg/L	<0.18	6.8	<0.18	0.2 0.02
Dissolved Metals					
Arsenic	µg/L	<0.6	2.0	NA	10 1
Barium	µg/L	534	80.2	NA	2,000 400
Cadmium	µg/L	<5	<0.5	NA	5 0.5
Chromium	µg/L	<2.6	<2.6	NA	100 10
Lead	µg/L	<0.7	2.1 J	NA	15 1.5
Mercury	µg/L	<0.04	<0.04	NA	2 0.2
Selenium	µg/L	1.5 J	1.0 J	NA	50 10
Silver	µg/L	<103	<10.3	NA	50 10

Notes:

- NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard
- NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit
- NS = no standard
- µg/L = micrograms per liter (equivalent to parts per billion, ppb)
- NA = Not Analyzed
- Laboratory flags: "J" = Analyte detected between Limit of Detection and Limit of Quantitation. Enter other flags as necessary
- Trip blank results: 1/1/13: All VOCs reported below laboratory detection limits.
- Equipment blank results: 1/1/13: All VOCs reported below laboratory detection limits.
- Exceedances: **BOLD** = Concentration exceeds NR 140 ES
ITALICS = Concentration exceeds NR 140 PAL
- Special notes: * = monitoring well screen submerged below water table

Table 2
Soil Analytical Table
5750 W. Fond du Lac Avenue, Milwaukee, Wisconsin 53216
Sigma Project No. 13385

Soil Sample Location:	SB-01	SB-01	SB-02	SB-02	SB-03	SB-03	SB-04	SB-04	SB-05	SB-05	Groundwater Pathway RCL 4	Non-Industrial Direct Contact RCL 5	
Sample Depth (feet bgs):	2-4	14-16	2-4	14-16	4-6	14-16	2-4	14-16	6-8	14-16			
Sample Collection Date:	2/18/14	2/18/14	2/18/14	2/18/14	2/18/14	2/18/14	2/18/14	2/18/14	2/18/14	2/18/14			
Depth to Groundwater (feet bgs):	.NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
Unsaturated/Smear Zone (U) or Saturated (S):	U	U	U	U	U	U	U	U	U	U			
Organic Vapor Monitor ppm	0	0.2	0	0	68.5	0	0	0	41	0	NS	NS	
PFOCs & Detected VOCs													
Benzene	µg/kg	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	5.1	1,490	
Bromobenzene	µg/kg	<13	<13	<13	<13	<13	<13	<13	<13	<13	NS	354,000	
Bromochloroethane	µg/kg	<27	<27	<27	<27	<27	<27	<27	<27	<27	0.3	950	
Bromoform	µg/kg	<30	<30	<30	<30	<30	<30	<30	<30	<30	NS	61,600	
tert-Butylbenzene	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20	NS	183,000	
sec-Butylbenzene	µg/kg	<41	<41	<41	<41	117 J	<41	<41	<41	<41	NS	145,000	
n-Butylbenzene	µg/kg	<26	<26	<26	<26	520	<26	<26	<26	<26	NS	108,000	
Carbon tetrachloride	µg/kg	<25	<25	<25	<25	<25	<25	<25	<25	<25	NS	854	
Chlorobenzene	µg/kg	<16	<16	<16	<16	<16	<16	<16	<16	<16	NS	392,000	
Chloroethane	µg/kg	<42	<42	<42	<42	<42	<42	<42	<42	<42	226.6	NS	
Chloroform	µg/kg	<49	<49	<49	<49	<49	<49	<49	<49	<49	3.3	423	
Chloromethane	µg/kg	<181	<181	<181	<181	<181	<181	<181	<181	<181	15.5	171,000	
2-Chlorotoluene	µg/kg	<16	<16	<16	<16	<16	<16	<16	<16	<16	NS	907,000	
4-Chlorotoluene	µg/kg	<14	<14	<14	<14	<14	<14	<14	<14	<14	NS	253,000	
1,2-Dichloro-3-chloropropane	µg/kg	<48	<48	<48	<48	<48	<48	<48	<48	<48	0.2	8	
Dibromochloroethane	µg/kg	<14	<14	<14	<14	<14	<14	<14	<14	<14	32	933	
1,4-Dichlorobenzene	µg/kg	<33	<33	<33	<33	<33	<33	<33	<33	<33	144	3,480	
1,3-Dichlorobenzene	µg/kg	<30	<30	<30	<30	<30	<30	<30	<30	<30	1,152.2	297,000	
1,2-Dichlorobenzene	µg/kg	<38	<38	<38	<38	<38	<38	<38	<38	<38	1,168	376,000	
Dichlorodifluoroethane	µg/kg	<57	<57	<57	<57	<57	<57	<57	<57	<57	3,082.5	135,000	
1,2-Dichloroethane	µg/kg	<36	<36	<36	<36	<36	<36	<36	<36	<36	2.8	808	
1,1-Dichloroethane	µg/kg	<19	<19	<19	<19	<19	<19	<19	<19	<19	483.6	4,720	
1,1-Dichloroethene	µg/kg	<21	<21	<21	<21	<21	<21	<21	<21	<21	5	342,000	
cis-1,2-Dichloroethene	µg/kg	<24	<24	<24	<24	<24	<24	<24	2,080	<24	41.2	156,000	
trans-1,2-Dichloroethene	µg/kg	<29	<29	<29	<29	<29	<29	<29	<29	30.3 J	<29	58.8	211,000
1,2-Dichloropropane	µg/kg	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	3.3	1,330	
2,2-Dichloropropane	µg/kg	<46	<46	<46	<46	<46	<46	<46	<46	<46	NS	NS	
1,3-Dichloropropane	µg/kg	<21	<21	<21	<21	<21	<21	<21	<21	<21	NS	1,490,000	
Di-isopropyl Ether	µg/kg	<11	<11	<11	<11	<11	<11	<11	<11	<11	NS	2,260,000	
EDB (1,2-Dibromoethane)	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20	0.0282	47	
Ethylbenzene	µg/kg	<10	<10	<10	<10	269	<10	<10	<10	<10	1,570	7,470	
Hexachlorobenzene	µg/kg	<35	<35	<35	<35	<35	<35	<35	<35	<35	NS	6,220	
Isopropylbenzene	µg/kg	<25	<25	<25	<25	155	<25	<25	<25	<25	NS	NS	
p-Isopropyltoluene	µg/kg	<31	<31	<31	<31	112	<31	<31	<31	<31	NS	162,000	
Methylene chloride	µg/kg	<57	<57	<57	<57	<57	<57	<57	<57	<57	2.6	60,700	
Methyl-tert-butyl-ether	µg/kg	<30	<30	<30	<30	<30	<30	<30	<30	<30	27	59,400	
Naphthalene	µg/kg	<114	<114	<114	<114	2,140	<114	<114	<114	<114	658.7	5,150	
n-Propylbenzene	µg/kg	<24	<24	<24	<24	720	<24	<24	<24	<24	NS	284,000	
1,1,2,2-Tetrachloroethane	µg/kg	<12	<12	<12	<12	<12	<12	<12	<12	<12	0.2	753	
1,1,1,2-Tetrachloroethane	µg/kg	<23	<23	<23	<23	<23	<23	<23	<23	<23	53.3	2,590	
Tetrachloroethene (PCE)	µg/kg	<49	<49	<49	<49	<49	<49	<49	27,200	<49	4.5	30,700	
Toluene	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20	1,107.2	818,000	
1,2,4-Trichlorobenzene	µg/kg	<79	<79	<79	<79	<79	<79	<79	<79	<79	408	22,100	
1,2,3-Trichlorobenzene	µg/kg	<129	<129	<129	<129	<129	<129	<129	<129	<129	NS	48,900	
1,1,1-Trichloroethane	µg/kg	<38	<38	<38	<38	<38	<38	<38	<38	<38	140.2	640,000	
1,1,2-Trichloroethane	µg/kg	<23	<23	<23	<23	<23	<23	<23	<23	<23	3.2	1,480	
Trichloroethene (TCE)	µg/kg	<28	<28	<28	<28	<28	<28	<28	1,170	<28	3.6	644	
Trichlorofluoromethane	µg/kg	<86	<86	<86	<86	<86	<86	<86	<86	<86	NS	1,120,000	
1,2,4-Trimethylbenzene	µg/kg	<26	<26	<26	<26	9,000	<26	<26	<26	<26	1,379.3	89,800	
1,3,5-Trimethylbenzene	µg/kg	<26	<26	<26	<26	<26	<26	<26	<26	<26	NS	182,000	
Vinyl Chloride	µg/kg	<21	<21	<21	<21	<21	<21	<21	74	<21	0.1	67	
Xylenes (total)	µg/kg	<99	<99	<99	<99	870	<99	<99	<99	<99	3,340	258,000	
PAHs													
Acenaphthene	µg/kg	<21.1	<21.1	<21.1	<21.1	<21.1	<21.1	<21.1	<21.1	<21.1	NS	3,440,000	
Acenaphthylene	µg/kg	<19.5	<19.5	<19.5	<19.5	<19.5	<19.5	<19.5	<19.5	<19.5	NS	NS	
Anthracene	µg/kg	<18.5	<18.5	<18.5	<18.5	<18.5	<18.5	<18.5	<18.5	<18.5	196,744.2	17,200,000	
Benzo[a]anthracene	µg/kg	<18.4	<18.4	<18.4	<18.4	<18.4	<18.4	<18.4	<18.4	<18.4	NS	148	
Benzo[a]pyrene	µg/kg	<19	<19	<19	<19	<19	<19	<19	<19	<19	470	15	
Benzo[b]fluoranthene	µg/kg	<18	<18	<18	<18	<18	<18	<18	<18	<18	480	148	
Benzo[e]fluoranthene	µg/kg	<23	<23	<23	<23	<23	<23	<23	<23	<23	NS	NS	
Benzo[k]fluoranthene	µg/kg	<20.6	<20.6	<20.6	<20.6	<20.6	<20.6	<20.6	<20.6	<20.6	NS	1,480	
Chrysene	µg/kg	<18.5	<18.5	<18.5	<18.5	<18.5	<18.5	<18.5	<18.5	<18.5	145.1	14,800	
Fluorene	µg/kg	<22.4	<22.4	<22.4	<22.4	<22.4	<22.4	<22.4	<22.4	<22.4	NS	15	
Fluoranthene	µg/kg	<18.1	<18.1	<18.1	<18.1	<18.1	<18.1	<18.1	<18.1	<18.1	88,817.9	2,290,000	
Fluorene	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20	14,814.8	2,290,000	
Indeno[1,2,3-cd]pyrene	µg/kg	<24.4	<24.4	<24.4	<24.4	<24.4	<24.4	<24.4	<24.4	<24.4	NS	148	
1-Methylnaphthalene	µg/kg	<19.5	<19.5	<19.5	<19.5	207	<19.5	<19.5	<19.5	<19.5	NS	15,600	
2-Methylnaphthalene	µg/kg	<20.4	<20.4	<20.4	<20.4	370	<20.4	<20.4	<20.4	<20.4	NS	229,000	
Naphthalene	µg/kg	<21.1	<21.1	<21.1	<21.1	380	<21.1	<21.1	<21.1	<21.1	658.7	5,150	
Phenanthrene	µg/kg	<24.7	<24.7	<24.7	<24.7	<24.7	<24.7	<24.7	<24.7	<24.7	NS	NS	
Pyrene	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20	54,472.5	1,720,000	
RCRA Metals													
Arsenic	mg/kg	<0.72	<0.72	3.03	<0.72	<0.72	<0.72	2.85	<0.72	<0.72	0.584	0.39	
Barium	mg/kg	49.2	58.0	139	46.0	55.5	56.9	106	58.1	44.5	58.6	15,300	
Cadmium	mg/kg	0.14 J	<0.08	<0.08	<0.08	0.14 J	<0.08	0.23 J	<0.08	<0.08	0.752	70.2	
Chromium	mg/kg	16.1	16	34.6	13.9	17.6	14.2	21.9	16.0	12.5	19.2	360,000	
Lead	mg/kg	7.17	4.7	11.2	5.66	7.03	4.95	21.0	5.05	6.42	5.05	27	
Mercury	mg/kg	0.023	0.015	0.061	0.013	0.014	0.013	0.134	0.014	0.014	0.015	0.208	
Selenium	mg/kg	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	0.52	391	
Silver	mg/kg	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	0.8497	391	
Cumulative DC RCL Exceeded (Y/N)?													
											...		

Notes:
1. Unsaturated/Smear zone versus saturated soil conditions based on: (1) measured water levels in adjacent/nearby monitoring wells, (2) soil moisture conditions recorded on soil boring logs, and/or (3) soil moisture contents reported on laboratory analytical reports.
2. Analytical units: µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)
mg/kg



Site location - 5750 W Fond Du Lac Ave



Legend

- 5750 W Fond Du Lac Ave Property

0.1 0 0.1 Miles

1:3,960



NAD_1983_HARN_Wisconsin_TM

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