

Phase 1 Hazardous Materials Assessment

City of Stanley Industrial Park Development Project

Chippewa County

**PREPARED FOR:
CCEDC**

**PREPARED BY:
CBS Squared, Inc.
770 Technology Way
Chippewa Falls, WI 54729**

March 2023



Executive Summary

CBS Squared, Inc. (CBS²) has completed this Phase 1 Hazardous Materials Assessment (HMA) for Charlie Walker of the Chippewa County Economic Development Corporation. The Phase 1 HMA was completed for the City of Stanley Industrial Park Development Project located in Chippewa County, Wisconsin. The project is located on the westside of Stanley, Wisconsin, North of STH 29.

The project involves the construction of the City of Stanley Industrial Park on a one hundred- and twenty-one-acre site.

Grading impacts will be the construction of watermain, sanitary and storm sewer, as well as road and street construction throughout the site.

The purpose of conducting the Phase 1 HMA was to identify potential hazardous materials sites that could impact proposed construction project operations. There are no potential hazardous materials sites identified inside the project area during completion of this Phase 1 HMA.

One site has been identified that could possibly contain hazardous material. The site is located within 0.12 miles of the project area. Thaler Oil Company owns a Propane Terminal / Storage Facility located at 807 Janicki Road deemed as a Tier 2 Site. The site has no record of spills or contamination, no further assessment or investigation is recommended at this site.

Two other sites were determined unplottable due to age and lack of additional information, Buzz's Body Shop located .90 miles to the northeast and an underground storage tank owned by Gene Gustafson located 0.68 miles also to the northeast. Mylon "Buzz" Halterman owns Buzz's Body Shop located at 445 W. Maple Street. Buzz's Body Shop is considered a low-level hazardous waste generator. Gene Gustafson owned the UST located at 617 W. Maple Street in Stanley. Mr. Gustafson abandoned the UST in 1975. Due to these sites being far away from the project area and at a lower elevation, no further assessment or investigation is recommended at these sites.

One site with 2 Aboveground Storage Tanks was also identified. The L. Romanowski Corporation is a custom hire agricultural operator owned by Larry Romanowski. The site is located at 902 W. Maple Street approximately 0.04 miles from the site. There are two 500 gallon storage tanks for refueling agricultural equipment. The tanks are in "like new" condition and appear to be well maintained. Due to the size, type and use of these tanks, no further assessment or investigation is recommended at this site.

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1. Project Area Information

CBS Squared, Inc. (CBS²) has completed this Phase 1 Hazardous Materials Assessment (HMA) for Charlie Walker of the Chippewa County Economic Development Corporation. The Phase 1 HMA was completed for City of Stanley Industrial Park Development Project located in Chippewa County, Wisconsin. The location is west of Stanley, Wisconsin and north of STH 29.

The project involves the construction of the City of Stanley Industrial Park on a one hundred-and twenty-one-acre site.

Grading impacts will be the construction of watermain, storm and sanitary sewer, as well as road and street construction.

Acquisition of additional real estate is not expected.

CBS² has completed this Phase 1 HMA for the City of Stanley Industrial Park Development Project. The purpose of conducting the Phase 1 HMA was to identify potential hazardous materials sites that could impact the proposed project construction operations. Phase 1 HMAs are conducted to provide sufficient information that can be used to minimize potential environmental liabilities, avoid costly construction delays and emergencies, and address worker safety during construction. This Phase 1 HMA was completed in accordance with ASTM procedures (ASTM E 1527 - 05).

1.1. Location

The project area lies within Section 34 in T29N-R05W, Chippewa County, Wisconsin. The project is located at east of 345th Street and north of STH 29.

1.2. Units of Government

The units of government that has jurisdiction or are otherwise involved in the project area is the City of Stanley and Chippewa County. No other units of government are known to be involved in the project.

1.3. Land Use

The City of Stanley was founded in 1881 and currently has a population of around 3,800. Historical aerial photographs show the land adjacent to the project, west of Stanley and north of STH 29, was almost exclusively used for agriculture purposes. This still seems to be the current use for the land on the westside of 345th Street and north of the project area. Around 1999, the City of Stanley begin developing to the west of the City, which is east of the current site.

1.4. Topography

Throughout the project area, there is a not a significant change in elevation.

1.5. Hydrogeology

The project is in an area of Wisconsin that was covered by glaciers, specifically the Laurentide Ice Sheet. The bedrock in the project area mostly consists of Cambrian Sandstone with some dolomite and shale. The area also includes parts of the Trempealeau, Tunnel City and Elk Mound Formations.

The most prevalent soil in the project area is silt loam. The loams consist of Loyal Silt Loam, Cable Silt Loam, Poskin Silt Loam, Rib Silt Loam, Spencer Silt Loam and Withee Silt Loam. The soil ranges from moderately well drained to very poorly drained.

Water table depth varies with the aquifers and seasonal recharge. The depth to the water table in general, is greater than 7 feet. The static water level at the project site is approximately 15 feet.

2. Phase 1 HMA Methodologies

2.1. Records Review

CBS² conducted an environmental records review in order to identify past or present factors that may cause a potential hazardous materials concern to proposed planning efforts and future construction along the project area. This included a review of documents available on-line from the Wisconsin Department of Safety and Professional Services (DSPS) and the Wisconsin Department of Natural Resources (WDNR). In addition, Environmental Risk Information Services (ERIS) provided a government database records search for the project area. A copy of the ERIS database report can be found in Appendix A, “Environmental Records Search Results.”

The on-line databases that were reviewed included the DSPS Storage Tank Database at http://dvmwapps.wi.gov/ER_Tanks/ER-EN-TankSearch.htm.

The CLEAN database includes the Bureau for Remediation and Redevelopment Tracking System (BRRTS) and the Remediation and Redevelopment (RR) Sites Maps. BRRTS is an on-line database that provides information on contaminated properties and other activities in Wisconsin. The RR Sites Map is a web-based mapping system that allows a user to view different layers of contamination data using a Geographic Information System (GIS) tool.

The pertinent information obtained from these on-line databases along with the EDR information is included in Table 1, “Potential Hazardous Materials Sites Summary.”

2.2. Site Reconnaissance

As part of the Phase 1 HMA, CBS² performed site reconnaissance to observe site conditions on properties within 0.25 miles of the proposed area. The site reconnaissance was conducted on March 23, 2023. Overall appearance of the exterior of structures located along the project area and the associated properties were noted and photographed. No site reconnaissance of building interiors was conducted as part of this Phase 1 HMA.

During the visit, the project area was visited as well as the potential hazardous site. There was no evidence of any contamination during any part of the reconnaissance. Also, no AST's (Aboveground Storage Tank) were observed on the site.

2.3. Historical Documents

CBS² reviewed historical aerial photographs of the project area to identify former industrial, commercial, and residential areas and to identify past practices that may be of environmental concern along the project area. Aerial photographs available for years 1938, 1945, 1951, 1960, 1968, 1976, 1980, 1992, 1999, 2004, 2005, 2006, 2008, 2010, 2013, 2015, 2017, 2018, 2020 and 2021 were obtained from ERIS (Refer to Figure 3, "Historical Aerials"). However, the scale of multiple aerial photographs was generally too large to allow for observation of minor activities along the area. Information related to specific properties along the project area that CBS² obtained from reviewing aerial photography is included within specific sections or appendices of this report.

Sanborn Fire maps were unavailable. This is likely due to the lack of development at this location during the era when Sanborn maps were drawn.

3. Potential Hazardous Materials Sites

Information for the potential hazardous materials site that was identified along the project area is included in this section. The proposed construction along the project area was considered in identifying the potential hazardous materials sites. Information regarding the reasons each site has the potential to contain hazardous material is included in the following sections and is summarized in Table 1. Recommendations were made for the site on whether or not additional assessment or investigation should be completed.

3.1. Thaler Oil Company, Inc.

Thaler Oil Company, Inc. is located at 807 Janicki Road, less than 0.12 miles from the project. The site is a Propane Terminal / Storage Facility and is deemed as a Tier 2 site. The facility is relatively new and does not have a history of spills or contamination. No further assessment or investigation is recommended at this site.

3.2. Buzz's Body Shop

Buzz's Body Shop located 445 W. Maple Street is approximately .90 miles from the project site. The business is owned by Mylon "Buzz" Halterman. Buzz's Body Shop is considered a low-level hazardous waste generator, the site has been deemed unplottable. There is no record of spills or contamination for this site in the BRRTS database. No further assessment or investigation is recommended at this site.

3.3. Gene Gustafson

The Gene Gustafson residence located at 617 W. Maple Street is approximately .68 miles from the project site. The residence contains an underground storage tank (UST). Records indicate the UST License No. 457883 was installed on March 24, 1959. The UST is a coated steel,

single wall tank with a capacity of 500 gallons. The tank was used for storage of Leaded Gasoline and abandoned without product on January 1, 1975. Age and lack of additional information have deemed this site unplotable. Available records indicate proper protocol was followed for UST abandonment, no further assessment or investigation is recommended at this site.

3.4. L. Romanowski Corporation

The L. Romanowski Corporation is located 902 W. Maple Street is approximately 0.04 miles from the project site. The business is owned by Larry Romanowski. The L. Romanowski Corporation is a custom hire agriculture operator. The two 500 gallon Aboveground Storage Tanks located on the site are for refueling agricultural equipment. Both tanks appear to be well maintained and are in “like new” condition. There is no record of spills or contamination for this site in the DATCP database. No further assessment or investigation is recommended at this site

4. Conclusions and Recommendations

CBS² has completed this Phase 1 HMA for the City of Stanley Industrial Park Development Project that is specifically described in Section 1.1 of this report. During completion of the Phase 1 HMA, CBS² identified one potential hazardous materials site within or near the project area.

During the Phase 1 Hazardous Materials investigation of the City of Stanley Industrial Park Development Project, one site had been found that could potentially contain hazardous materials. This site does not have a history of contamination and does not seem to be dangerous. Accordingly, no additional assessment or investigation is recommended for this site. Special provisions should not be necessary given the understood scope of improvements at this property.

5. Standard of Care

The conclusions and recommendations contained in this report were arrived at in accordance with generally accepted professional engineering practice at this time and location. Other than this, no warranty is implied or intended.

6. References

- Environmental Risk Information Services (ERIS) environmental record search and historic aerials.
- Wisconsin Department of Natural Resources, 2014, The Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web
- Wisconsin Department of Transportation, December 22, 2011, “Phase 1 Hazardous Material Assessments”
- Bedrock Geologic Map of Wisconsin. 1982 Wisconsin Geologic and Natural Survey History
- NRCS Web Soil Survey
- Wisconsin DATCP Website / Database

**Table 1
Potential Hazardous Materials Sites Summary**

Report Appendix	Site Name/Address	Owner/Address	Potential Contaminants of Concern	Database Referenced and WDNR BRRTS#	Construction Requirements			Activity Status	Phase 2 or 2.5 SI Recommended?		Special Provisions? (Y/N)	Comments	Recommendations
					acq	eas	exc		Yes	No			
C	Thaler Oil Co., Inc. 807 Janicki Road Stanley, WI 54768	Thaler Oil Co., Inc. 310 S. Main Street Chippewa Falls, WI 54729	Propane	Tier 2 Facility ID: 200309 NAICS: 424710 CAS No: 74986				Operating Tier 2 Facility		X	N	Propane Terminal / Storage Facility	Due to no history of spills or documented contamination, no further assessment or investigation is recommended at this site.
D	Buzz's Body Shop 445 W. Maple Street Stanley, WI 54768	Mylon "Buzz" Halterman 445 W. Maple Street Stanley, WI 54768	Chemicals / Solvents	SHWIMS FID: 609023030				SHWIMS - Closed		X	N	Body Shop Business considered a low-level Hazardous Materials Generator	Due to the amount of Hazardous Waste potentially being generated, no further assessment or investigation is recommended at this site.
E	Gene Gustafson 617 W. Maple Street Stanley, WI 54768	Owner Deceased	Petroleum	UST License #457883 Facility Reference #81373/81373 Tank Reference #265552/090900050				UST - Closed		X	N	1-500 gal leaded tank (Abandoned) Abandoned without Product 1-Jan-75	Due to UST being documented and abandoned without product, no further assessment or investigation is recommended at this site.
F	L. Romanowski Corp. 902 W. Maple Street Stanley, WI 54768	Larry Romanowski N2118 Skyline Drive Stanley, WI 54768	Petroleum	DATCP - Storage Tank Database				Not in DATCP System		X		Tanks appear to be coated steel, single wall, 500 gallon capacity tanks.	(2) 500 gallon diesel fuel tanks are used for refueling agricultural equipment. The tanks are maintained and do not pose a leak or contamination hazard.

AST = Above ground Storage Tank
 UST= Underground Storage Tank
 Ac. = acre
 acq = acquisition
 BRRTS = Wisconsin Department of Natural Resources Bureau for Remediation and Redevelopment Tracking System
 DSPS = Wisconsin Department of Safety and Professional Services
 exc = excavation
 eas = easement

gal = gallon
 TLE = Temporary Limited Easement
 LUST = Leaking Underground Storage Tank
 NPL = National Priority List
 SHWIMS = Solid and Hazardous Waste Information System
 DCOMM = Wisconsin Department of Commerce

Figures

Figure 1 – Project Location Map

Figure 2 – Historical Aerials

Figures 3A & 3B – BRRTS Maps

Figure 4 - Web Soil Survey – Soil Report



Figure 1

Project Location Map

Project Location Map

City of Stanley Industrial Park Development Project

Legend

-  Project Location
-  Project Location
-  Stanley



Google Earth

2000 ft



Figure 2

Historical Aerials



HISTORICAL AERIALS

Project Property: City of Stanley Industrial
Park Development Project
80th Ave
Stanley WI 54768

Project No: CCEDC 22001

Requested By: CBS Squared, Inc

Order No: 23031400190

Date Completed: March 16,2023

Aerial Maps included in this report are produced by the sources listed above and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property. ERIS provides no warranty of accuracy or liability. The information contained in this report has been produced using aerial photos listed in above sources by ERIS Information Inc. (in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS'. The maps contained in this report do not purport to be and do not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

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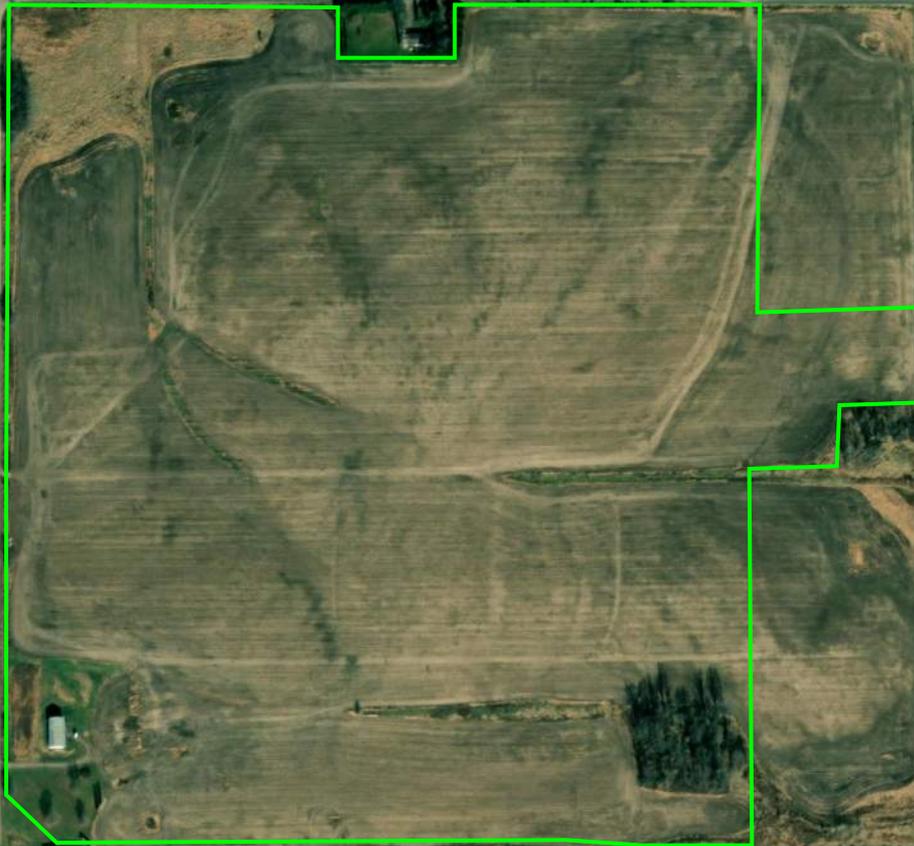
Date	Source	Scale	Comments
2021	MAXAR TECHNOLOGIES	1" = 500'	
2020	United States Department of Agriculture	1" = 500'	
2018	United States Department of Agriculture	1" = 500'	
2017	United States Department of Agriculture	1" = 500'	
2015	United States Department of Agriculture	1" = 500'	
2013	United States Department of Agriculture	1" = 500'	
2010	United States Department of Agriculture	1" = 500'	
2008	United States Department of Agriculture	1" = 500'	
2006	United States Department of Agriculture	1" = 500'	
2005	United States Department of Agriculture	1" = 500'	
2004	United States Department of Agriculture	1" = 500'	
1999	United States Geological Survey	1" = 500'	
1992	United States Geological Survey	1" = 500'	Best Copy Available
1980	United States Geological Survey	1" = 500'	
1976	United States Geological Survey	1" = 500'	
1968	Agricultural Stabilization & Conserv. Service	1" = 500'	Photo Index-Best Available
1960	Agricultural Stabilization & Conserv. Service	1" = 500'	
1951	United States Geological Survey	1" = 500'	
1945	United States Geological Survey	1" = 500'	
1938	Agricultural Stabilization & Conserv. Service	1" = 500'	

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one inch



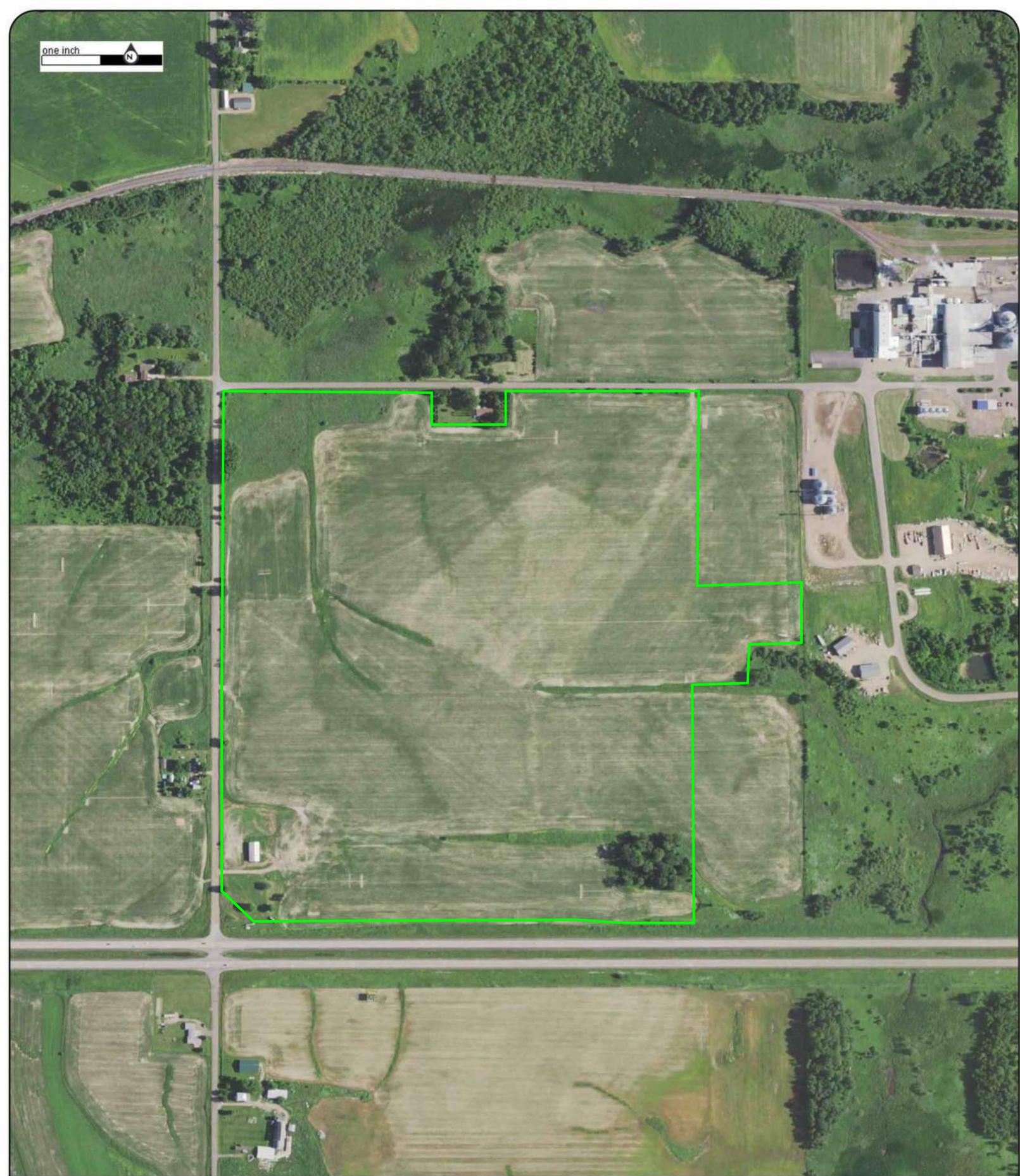
Year: 2021
Source: MAXAR
Scale: 1" = 500'
Comment:

Address: 80th Ave, Stanley, WI
Approx Center: -90.96929268,44.95539953

Order No: 23031400190



one inch



Year: 2020
Source: USDA
Scale: 1" = 500'
Comment:

Address: 80th Ave, Stanley, WI
Approx Center: -90.96929268,44.95539953

Order No: 23031400190



one inch



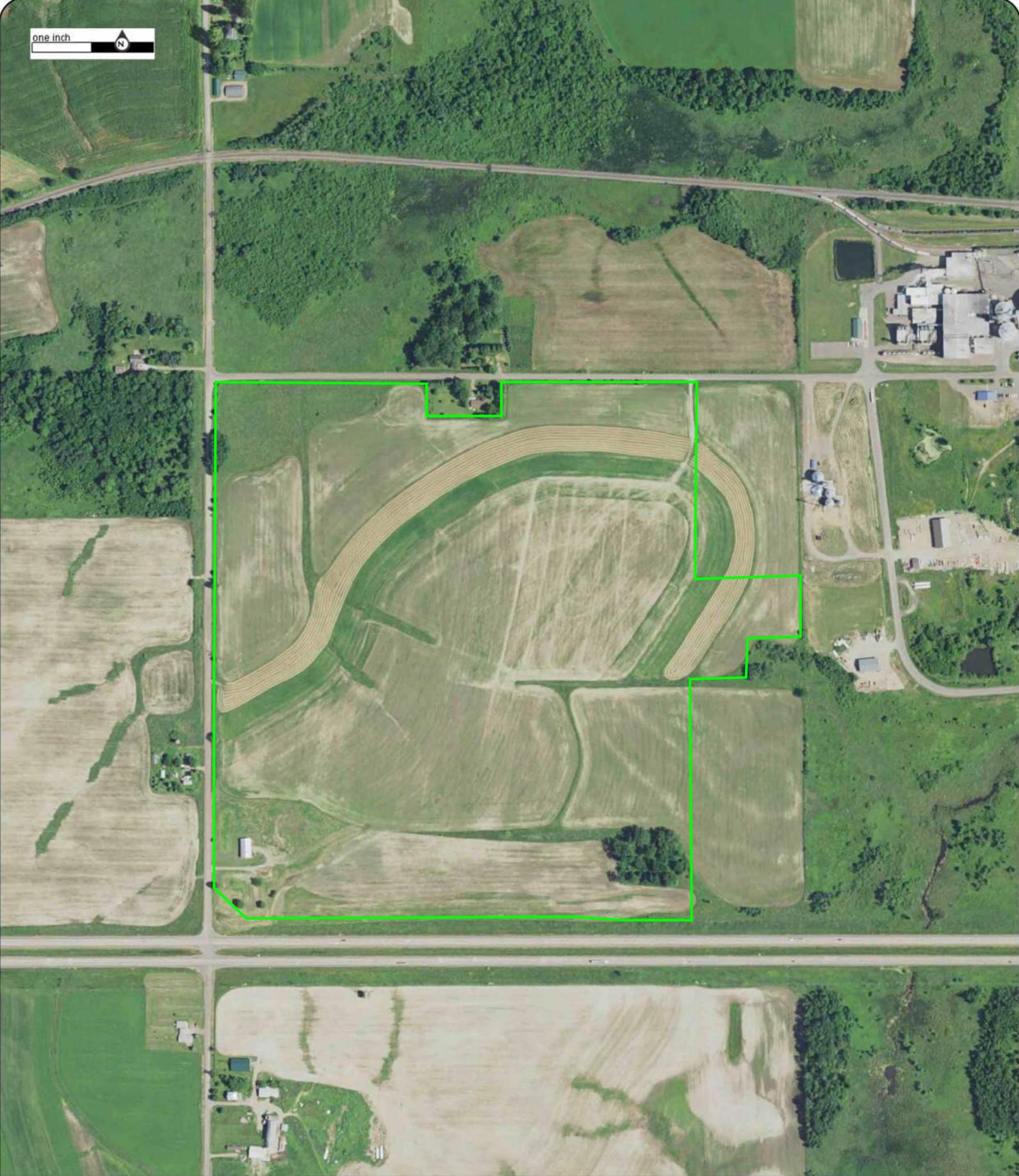
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Approx Center: -90.96929268,44.95539953

Order No: 23031400190



one inch



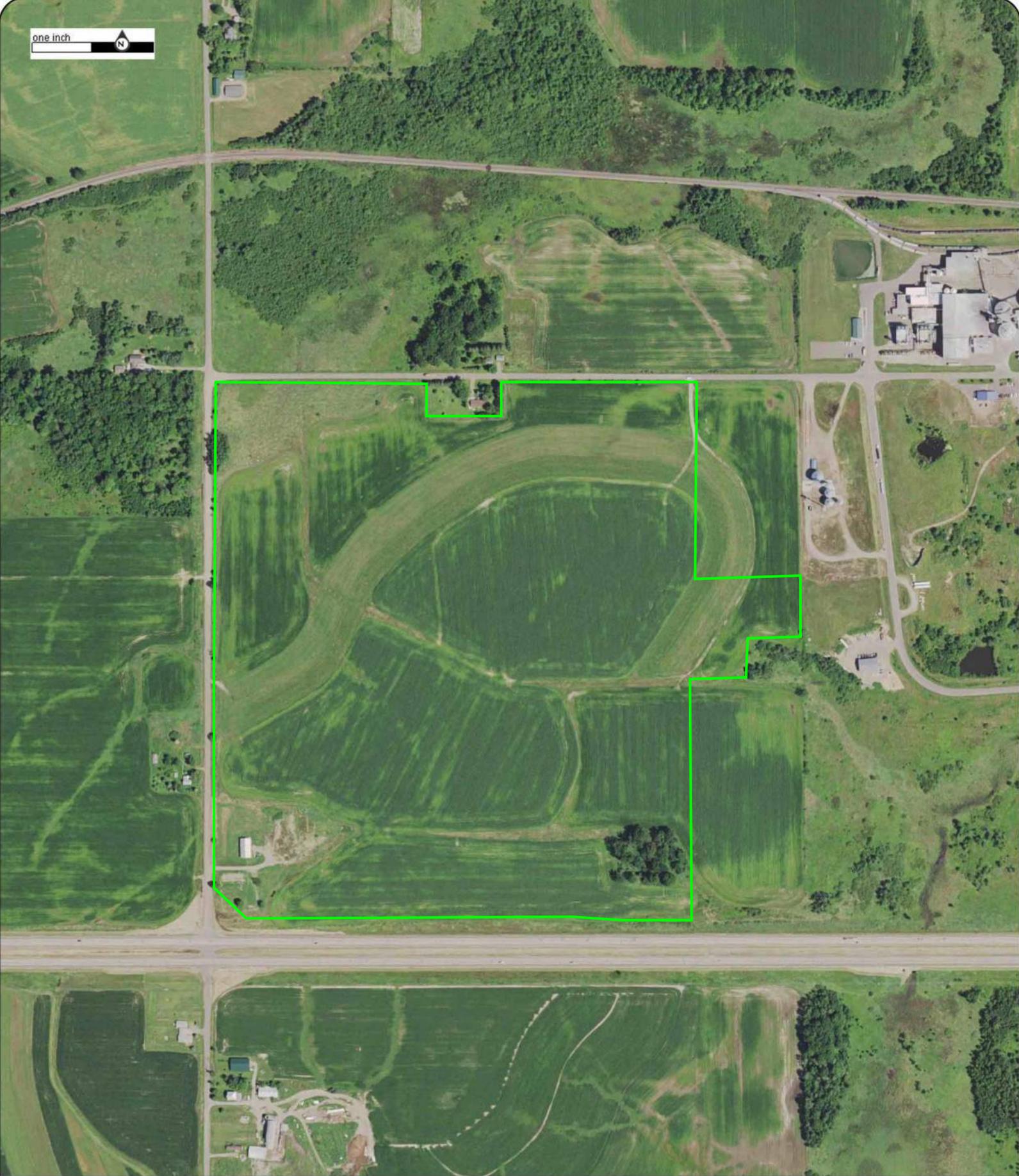
Year: 2017
Source: USDA
Scale: 1" = 500'
Comment:

Address: 80th Ave, Stanley, WI
Approx Center: -90.96929268,44.95539953

Order No: 23031400190



one inch



Year: 2015
Source: USDA
Scale: 1" = 500'
Comment:

Address: 80th Ave, Stanley, WI
Approx Center: -90.96929268,44.95539953

Order No: 23031400190



one inch



Year: 2013
Source: USDA
Scale: 1" = 500'
Comment:

Address: 80th Ave, Stanley, WI
Approx Center: -90.96929268,44.95539953

Order No: 23031400190



one inch



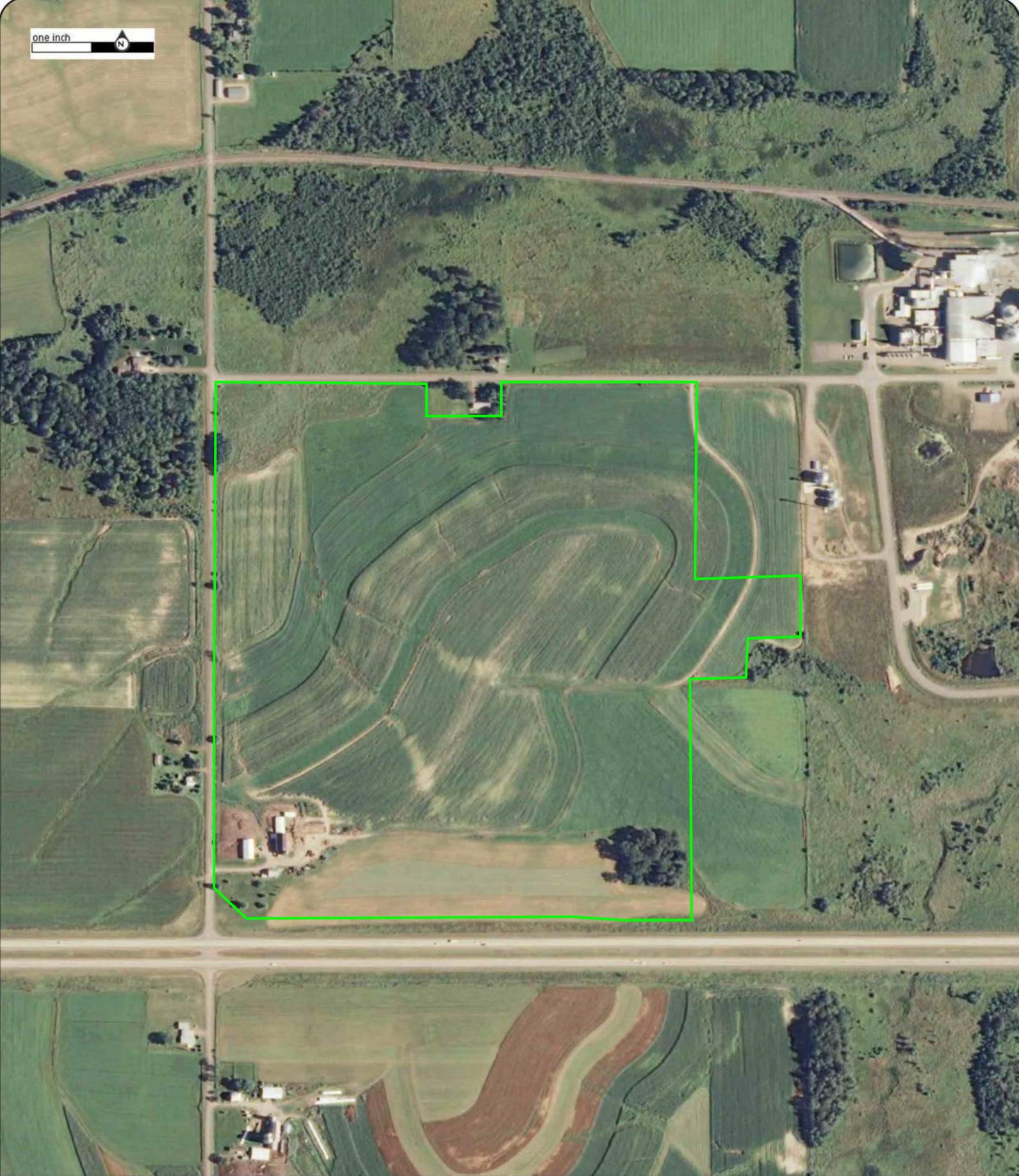
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Source: USDA
Scale: 1" = 500'
Comment:

Address: 80th Ave, Stanley, WI
Approx Center: -90.96929268,44.95539953

Order No: 23031400190



one inch



Year: 2008
Source: USDA
Scale: 1" = 500'
Comment:

Address: 80th Ave, Stanley, WI
Approx Center: -90.96929268,44.95539953

Order No: 23031400190



one inch



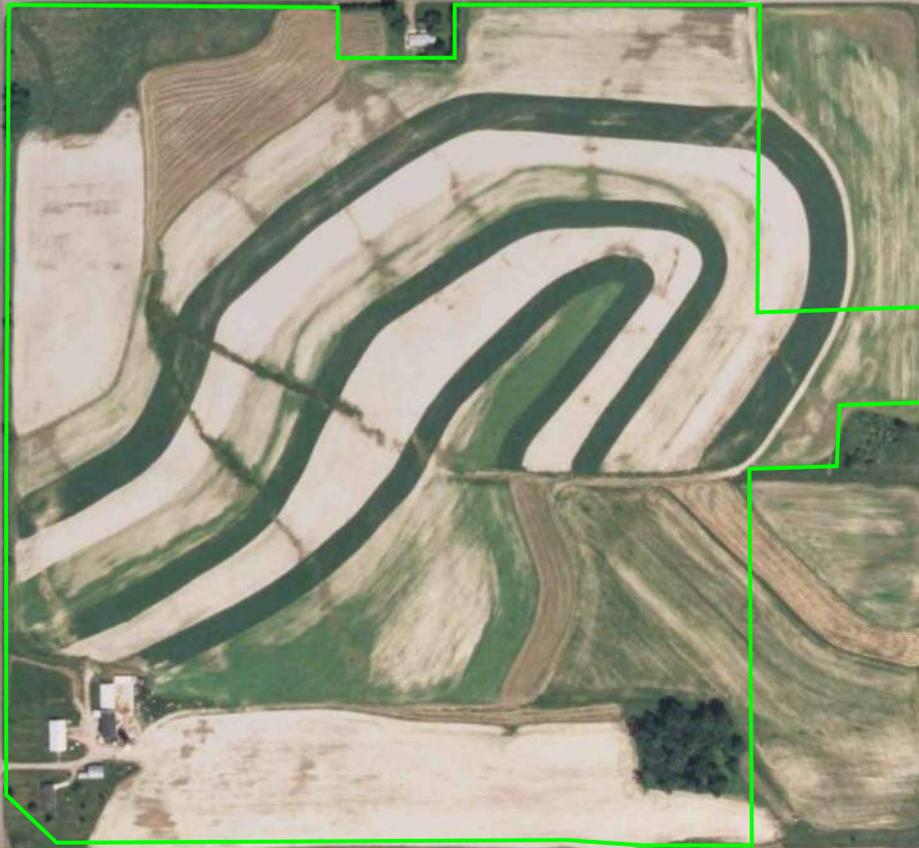
Year: 2006
Source: USDA
Scale: 1" = 500'
Comment:

Address: 80th Ave, Stanley, WI
Approx Center: -90.96929268,44.95539953

Order No: 23031400190



one inch



Year: 2005
Source: USDA
Scale: 1" = 500'
Comment:

Address: 80th Ave, Stanley, WI
Approx Center: -90.96929268,44.95539953

Order No: 23031400190



one inch



Year: 2004
Source: USDA
Scale: 1" = 500'
Comment:

Address: 80th Ave, Stanley, WI
Approx Center: -90.96929268,44.95539953

Order No: 23031400190



one inch



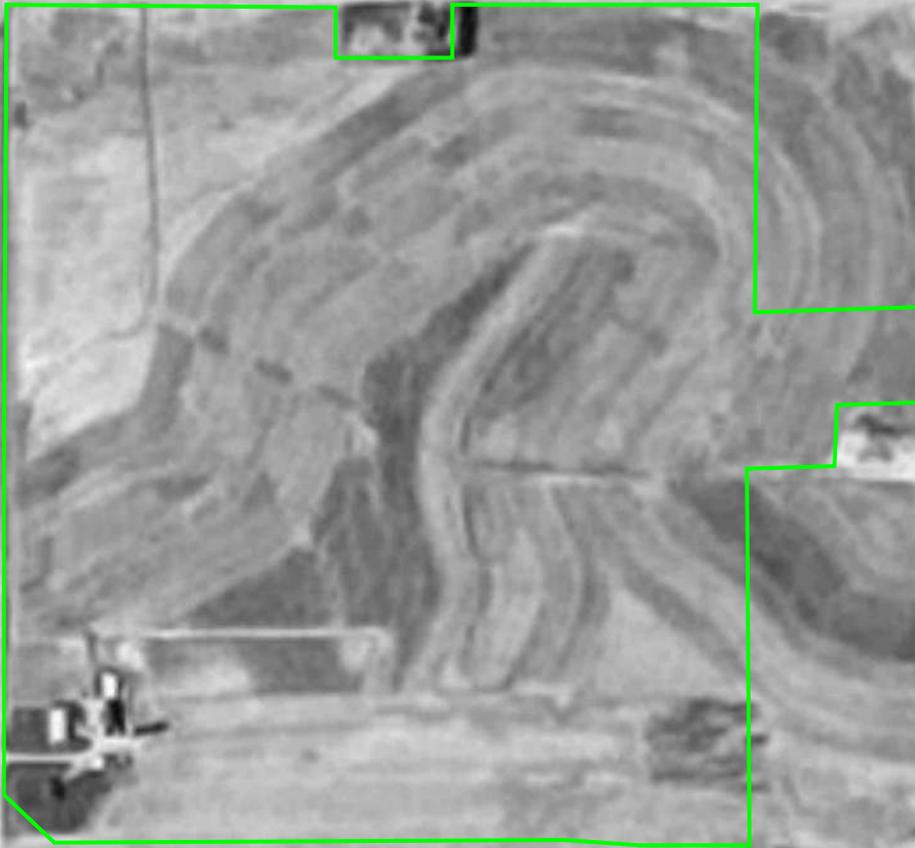
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Source: USGS
Scale: 1" = 500'
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Address: 80th Ave, Stanley, WI
Approx Center: -90.96929268,44.95539953

Order No: 23031400190



one inch



Year: 1992
Source: USGS
Scale: 1" = 500'
Comment: Best Copy Available

Address: 80th Ave, Stanley, WI
Approx Center: -90.96929268,44.95539953

Order No: 23031400190



one inch



Year: 1980
Source: USGS
Scale: 1" = 500'
Comment:

Address: 80th Ave, Stanley, WI
Approx Center: -90.96929268,44.95539953

Order No: 23031400190



one inch



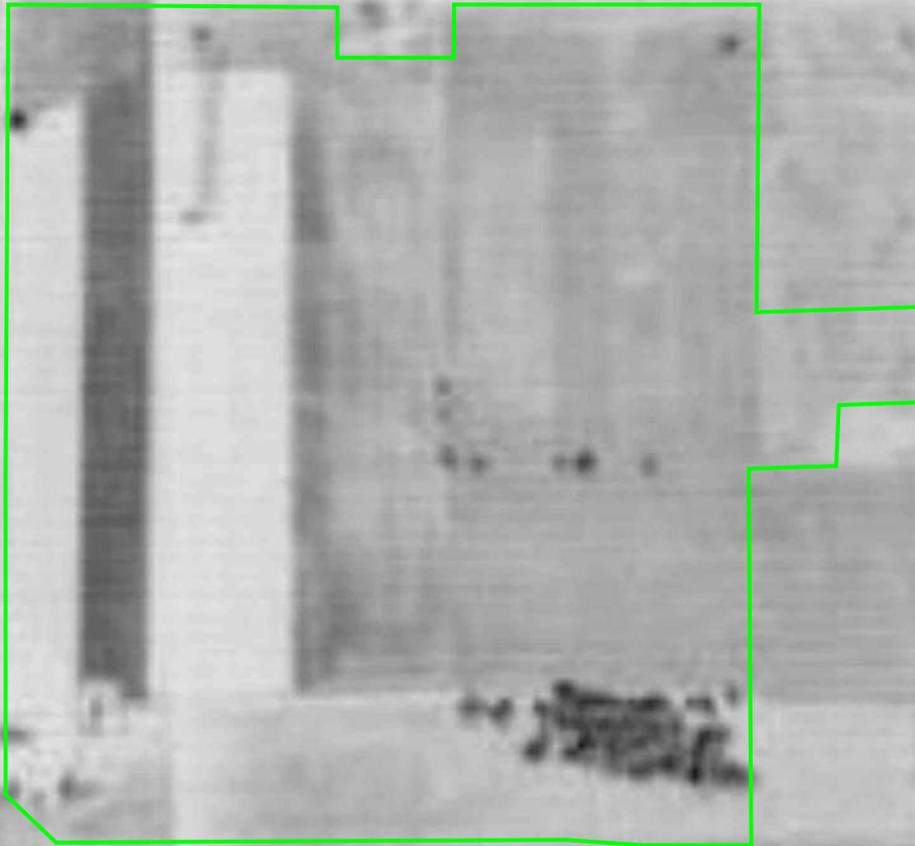
Year: 1976
Source: USGS
Scale: 1" = 500'
Comment:

Address: 80th Ave, Stanley, WI
Approx Center: -90.96929268,44.95539953

Order No: 23031400190



one inch



Year: 1968

Address: 80th Ave, Stanley, WI

Order No: 23031400190

Source: ASCS

Approx Center: -90.96929268,44.95539953

Scale: 1" = 500'

Comment: Photo Index-Best Available



one inch



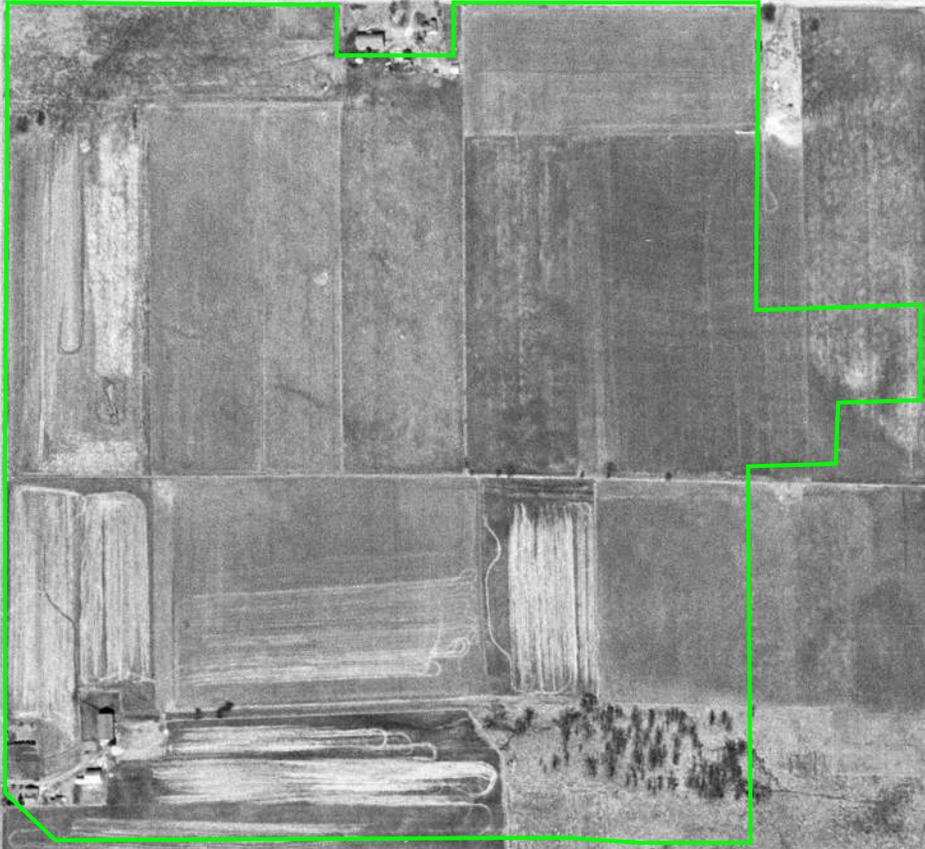
Year: 1960
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 80th Ave, Stanley, WI
Approx Center: -90.96929268,44.95539953

Order No: 23031400190



one inch



Year: 1951
Source: USGS
Scale: 1" = 500'
Comment:

Address: 80th Ave, Stanley, WI
Approx Center: -90.96929268,44.95539953

Order No: 23031400190



one inch



Year: 1945
Source: USGS
Scale: 1" = 500'
Comment:

Address: 80th Ave, Stanley, WI
Approx Center: -90.96929268,44.95539953

Order No: 23031400190



one inch



Year: 1938
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 80th Ave, Stanley, WI
Approx Center: -90.96929268,44.95539953

Order No: 23031400190



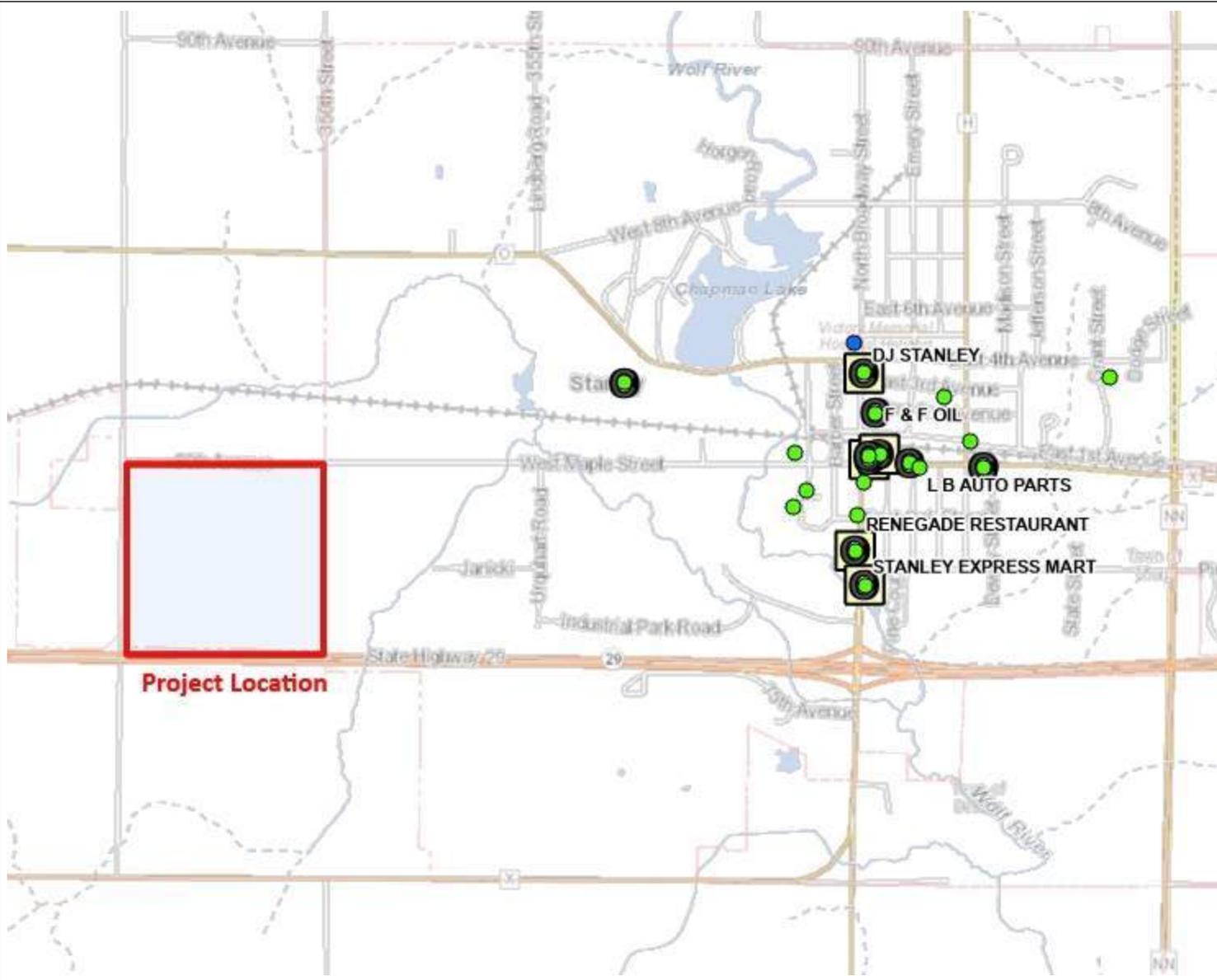


Figure 3A & 3B

BRRTS Maps



City of Stanley Industrial Park Development Project BRRTS Map



Legend

- Open Site
- Closed Site
- Continuing Obligations Apply
- Impacted Another Property(ies) or Right-
- Facility-wide Site



NAD_1983_HARN_Wisconsin_TM

1: 23,760



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.

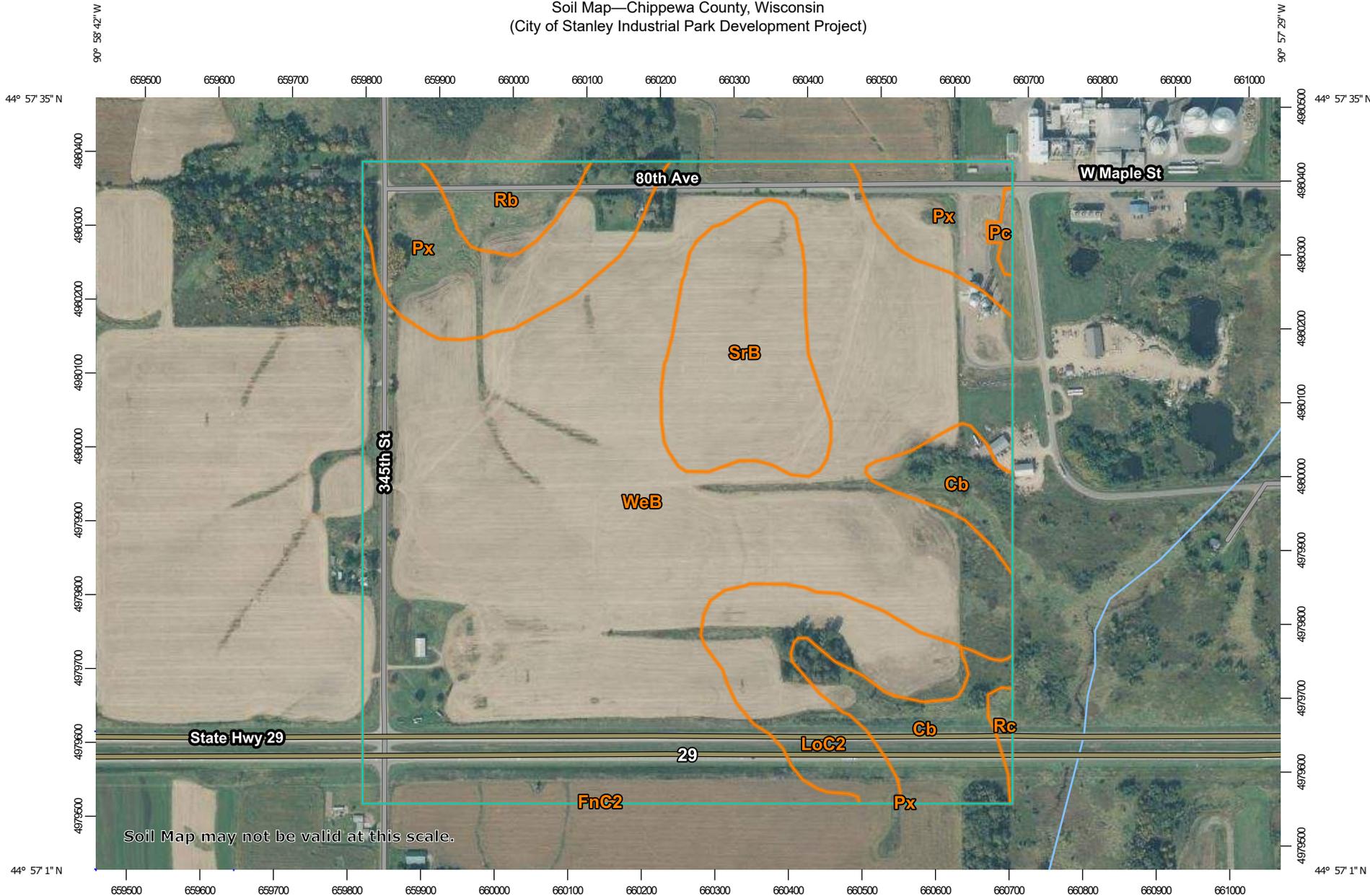
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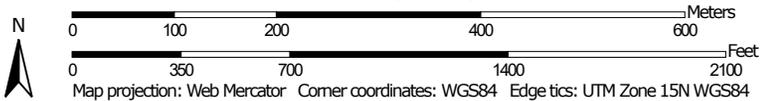
Figure 4

Web Soil Survey – Soil Report

Soil Map—Chippewa County, Wisconsin
(City of Stanley Industrial Park Development Project)



Map Scale: 1:7,360 if printed on A landscape (11" x 8.5") sheet.



MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

-  Soil Map Unit Polygons
-  Soil Map Unit Lines
-  Soil Map Unit Points

Special Point Features

-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features

Water Features

-  Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

-  Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Chippewa County, Wisconsin
Survey Area Data: Version 19, Sep 15, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Aug 16, 2020—Sep 23, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Cb	Capitola-Cebana complex, 0 to 2 percent slopes, very stony	12.5	6.6%
FnC2	Freeon silt loam, 6 to 12 percent slopes	0.1	0.0%
LoC2	Loyal silt loam, 6 to 12 percent slopes	13.9	7.3%
Pc	Pits, gravel	0.6	0.3%
Px	Poskin silt loam, 0 to 2 percent slopes	20.5	10.8%
Rb	Rib silt loam, 0 to 2 percent slopes	4.7	2.5%
Rc	Rib mucky silt loam, ponded, 0 to 2 percent slopes	0.7	0.4%
SrB	Spencer silt loam, 2 to 6 percent slopes	16.0	8.4%
WeB	Withee silt loam, 0 to 3 percent slopes	121.6	63.8%
Totals for Area of Interest		190.6	100.0%

Appendices

Appendix A – Environmental Records Search Results

Appendix B – Physical Setting Report

Appendix C – Thaler Oil Company, Inc.

Appendix D – Buzz’s Body Shop

Appendix E – Gene Gustafson Residence

Appendix F – L. Romanowski Corporation

Appendix G – Sanborn Fire Map Information

Appendix A

Environmental Records Search Results



DATABASE REPORT

Project Property: *City of Stanley Industrial Park Development
Project
80th Ave
Stanley WI 54768*

Project No: *CCEDC 22001*

Report Type: *Database Report*

Order No: *23031400190*

Requested by: *CBS Squared, Inc*

Date Completed: *March 14, 2023*

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Executive Summary

Property Information:

Project Property: *City of Stanley Industrial Park Development Project
80th Ave Stanley WI 54768*

Project No: *CCEDC 22001*

Coordinates:

Latitude:	<i>44.95539953</i>
Longitude:	<i>-90.96929268</i>
UTM Northing:	<i>4,980,001.86</i>
UTM Easting:	<i>660,175.02</i>
UTM Zone:	<i>15T</i>

Elevation: *1,133 FT*

Order Information:

Order No: *23031400190*

Date Requested: *March 14, 2023*

Requested by: *CBS Squared, Inc*

Report Type: *Database Report*

Historicals/Products:

Aerial Photographs	<i>Historical Aerials (with Project Boundaries)</i>
ERIS Xplorer	<i><u>ERIS Xplorer</u></i>
Excel Add-On	<i>Excel Add-On</i>
Fire Insurance Maps	<i>US Fire Insurance Maps</i>
Physical Setting Report (PSR)	<i>Physical Setting Report (PSR)</i>

Executive Summary: Report Summary

<i>Database</i>	<i>Searched</i>	<i>Search Radius</i>	<i>Project Property</i>	<i>Within 0.12mi</i>	<i>0.125mi to 0.25mi</i>	<i>0.25mi to 0.50mi</i>	<i>0.50mi to 1.00mi</i>	<i>Total</i>
<u>Standard Environmental Records</u>								
Federal								
DOE FUSRAP	Y	1	0	0	0	0	0	0
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA VSQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	0	0	0	-	-	0
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
FRP	Y	0.25	0	0	0	-	-	0
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0

State

SHWS	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	0	-	0
WDS	Y	0.5	0	0	0	0	-	0
HIST LF	Y	0.5	0	0	0	0	-	0
SHWIMS	Y	0.25	0	0	0	-	-	0
LUST	Y	0.5	0	0	0	0	-	0
LAST	Y	0.5	0	0	0	0	-	0
DELISTED LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	0	0	-	-	0
AST	Y	0.25	0	0	0	-	-	0
DEL STORAGE TANK	Y	0.25	0	0	0	-	-	0
CRS	Y	0.5	0	0	0	0	-	0
AUL	Y	0.5	0	0	0	0	-	0
VCP	Y	0.5	0	0	0	0	-	0
BEAP	Y	0.5	0	0	0	0	-	0
BROWNFIELDS	Y	0.5	0	0	0	0	-	0
BSA PROJECTS	Y	0.5	0	0	0	0	-	0
BGP	Y	0.5	0	0	0	0	-	0
ERP	Y	0.5	0	0	0	0	-	0

Tribal

INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED INDIAN LST	Y	0.5	0	0	0	0	-	0
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0

County

No County databases were selected to be included in the search.

<i>Database</i>	<i>Searched</i>	<i>Search Radius</i>	<i>Project Property</i>	<i>Within 0.12mi</i>	<i>0.125mi to 0.25mi</i>	<i>0.25mi to 0.50mi</i>	<i>0.50mi to 1.00mi</i>	<i>Total</i>
Additional Environmental Records								
Federal								
FINDS/FRS	Y	PO	0	-	-	-	-	0
TRIS	Y	PO	0	-	-	-	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
ERNS PFAS	Y	0.5	0	0	0	0	-	0
PFAS FED SITES	Y	0.5	0	0	0	0	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS NPDES	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	-	-	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	0	0	0	-	0
State								
TIER 2	Y	0.125	0	1	-	-	-	1
SPILLS	Y	0.125	0	0	-	-	-	0
AGSPILLS	Y	0.125	0	0	-	-	-	0
AG SPILL REMED	Y	0.25	0	0	0	-	-	0
BRRTS	Y	PO	0	-	-	-	-	0
DELISTED BRRT	Y	0.5	0	0	0	0	-	0
PFAS	Y	0.5	0	0	0	0	-	0
DRYC REM	Y	0.25	0	0	0	-	-	0
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYC REM	Y	0.25	0	0	0	-	-	0
LIENS	Y	PO	0	-	-	-	-	0

Tribal *No Tribal additional environmental record sources available for this State.*

County *No County additional environmental record sources available for this State.*

Total: 0 1 0 0 0 1

* PO – Property Only

* 'Property and adjoining properties' database search radii are set at 0.25 miles.

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
--------------------	-----------	--------------------------	----------------	------------------	-----------------------------	---------------------------	------------------------

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
1	TIER 2	THALER OIL COMPANY, INC.	807 JANICKI ROAD STANLEY WI 54729	ENE	0.08 / 431.55	-31	16

Executive Summary: Summary by Data Source

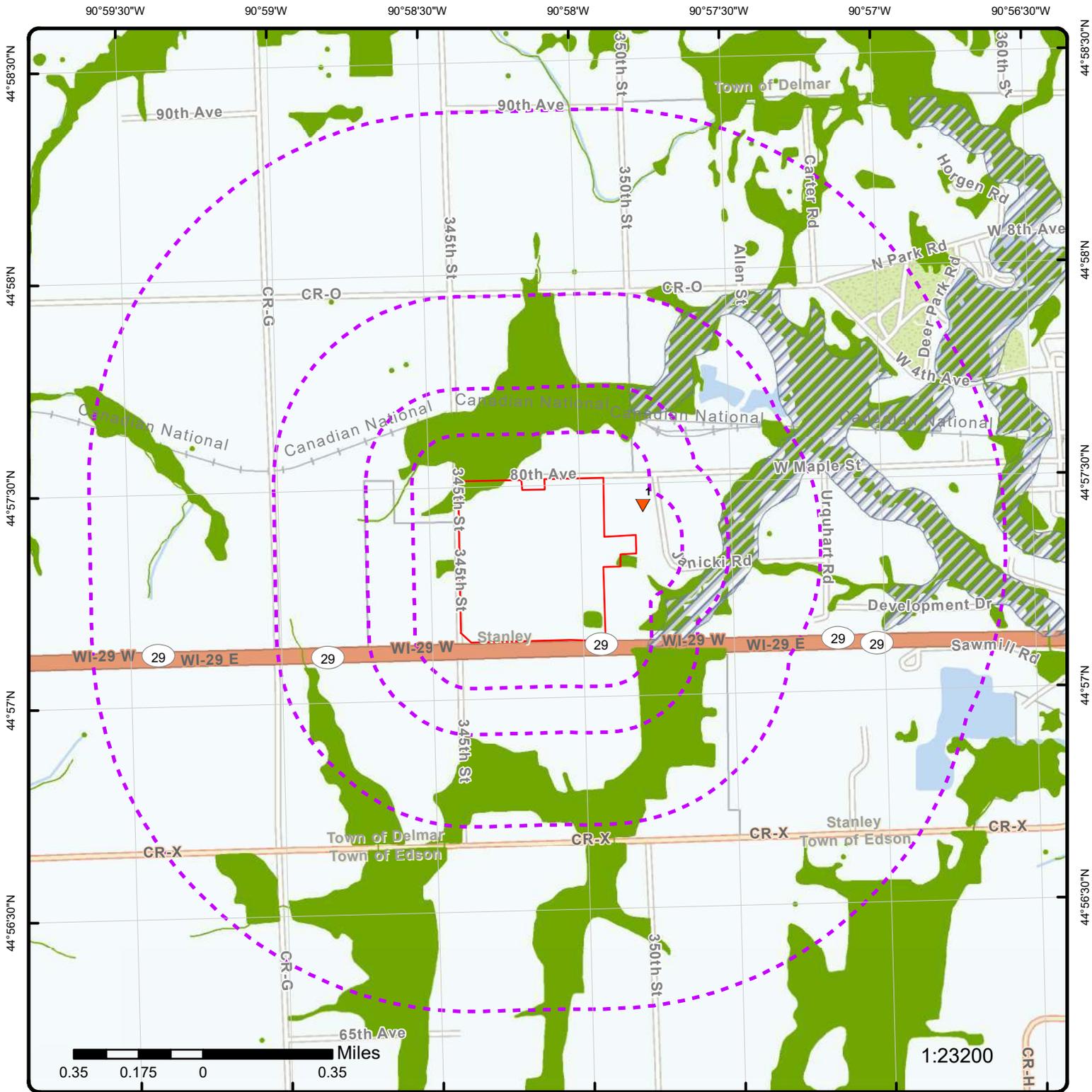
Non Standard

State

TIER 2 - Tier 2 Report

A search of the TIER 2 database, dated Jan 19, 2023 has found that there are 1 TIER 2 site(s) within approximately 0.12 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
THALER OIL COMPANY, INC.	807 JANICKI ROAD STANLEY WI 54729	ENE	0.08 / 431.55	1

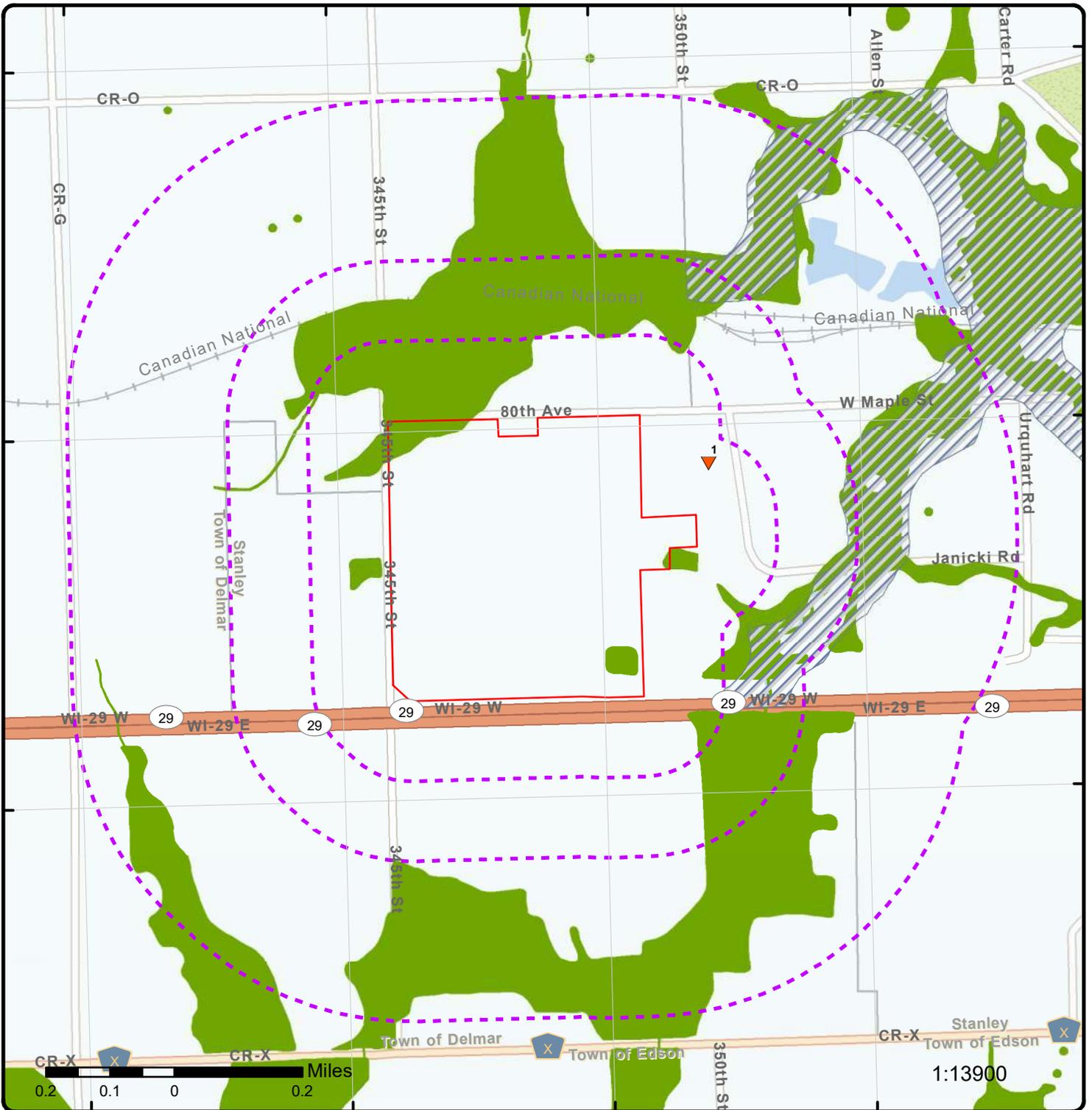


Map: 1.0 Mile Radius

Order Number: 23031400190
 Address: 80th Ave, Stanley, WI



- | | | | |
|------------------------------|------------------------|---------------------|--|
| Project Property | Buffer Outline | State | FWS Special Designation Areas |
| Sites with Higher Elevation | Freeways; Highways | Country | National Priorities List (Active, Delisted, Proposed, Institutional Control) |
| Sites with Same Elevation | Traffic Circle; Ramp | National Wetland | |
| Sites with Lower Elevation | Major & Minor Arterial | Indian Reserve Land | |
| Sites with Unknown Elevation | Traffic Circle; Ramp | Plume | |
| Areas with Higher Elevation | Local Road | 100 Year Flood Zone | |
| Areas with Same Elevation | Rail | 500 Year Flood Zone | |
| Areas with Lower Elevation | | | |
| Areas with Unknown Elevation | | | |



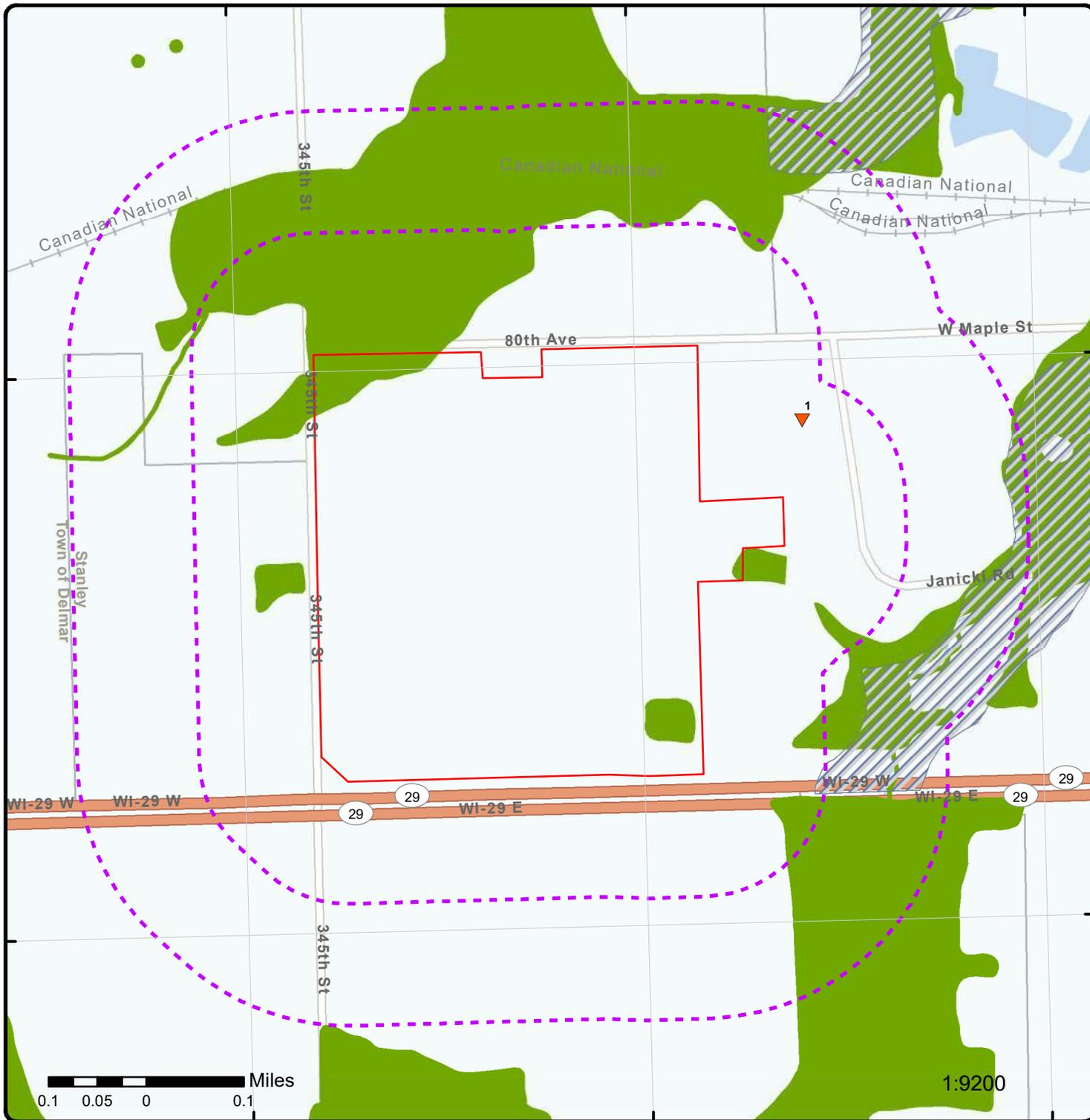
1:13900

Map: 0.5 Mile Radius

Order Number: 23031400190
Address: 80th Ave, Stanley, WI



- Project Property
- Buffer Outline
- ▲ Sites with Higher Elevation
- Sites with Same Elevation
- ▼ Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)



Map: 0.25 Mile Radius

Order Number: 23031400190

Address: 80th Ave, Stanley, WI



- | | | | | |
|------------------------------|------------------------|---------------------|---------------------|--|
| Project Property | Buffer Outline | Freeways; Highways | State | FWS Special Designation Areas |
| Sites with Higher Elevation | Traffic Circle; Ramp | Country | National Wetland | National Priorities List (Active, Delisted, Proposed, Institutional Control) |
| Sites with Same Elevation | Major & Minor Arterial | Indian Reserve Land | Plume | |
| Sites with Lower Elevation | Traffic Circle; Ramp | 100 Year Flood Zone | 500 Year Flood Zone | |
| Sites with Unknown Elevation | Local Road | Rail | | |
| Areas with Higher Elevation | | | | |
| Areas with Same Elevation | | | | |
| Areas with Lower Elevation | | | | |
| Areas with Unknown Elevation | | | | |

90°58'30"W

90°58'W

90°57'30"W

44°57'30"N

44°57'30"N

44°57'N

44°57'N



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

1:10000

Aerial Year: 2020

Address: 80th Ave, Stanley, WI

Source: ESRI World Imagery

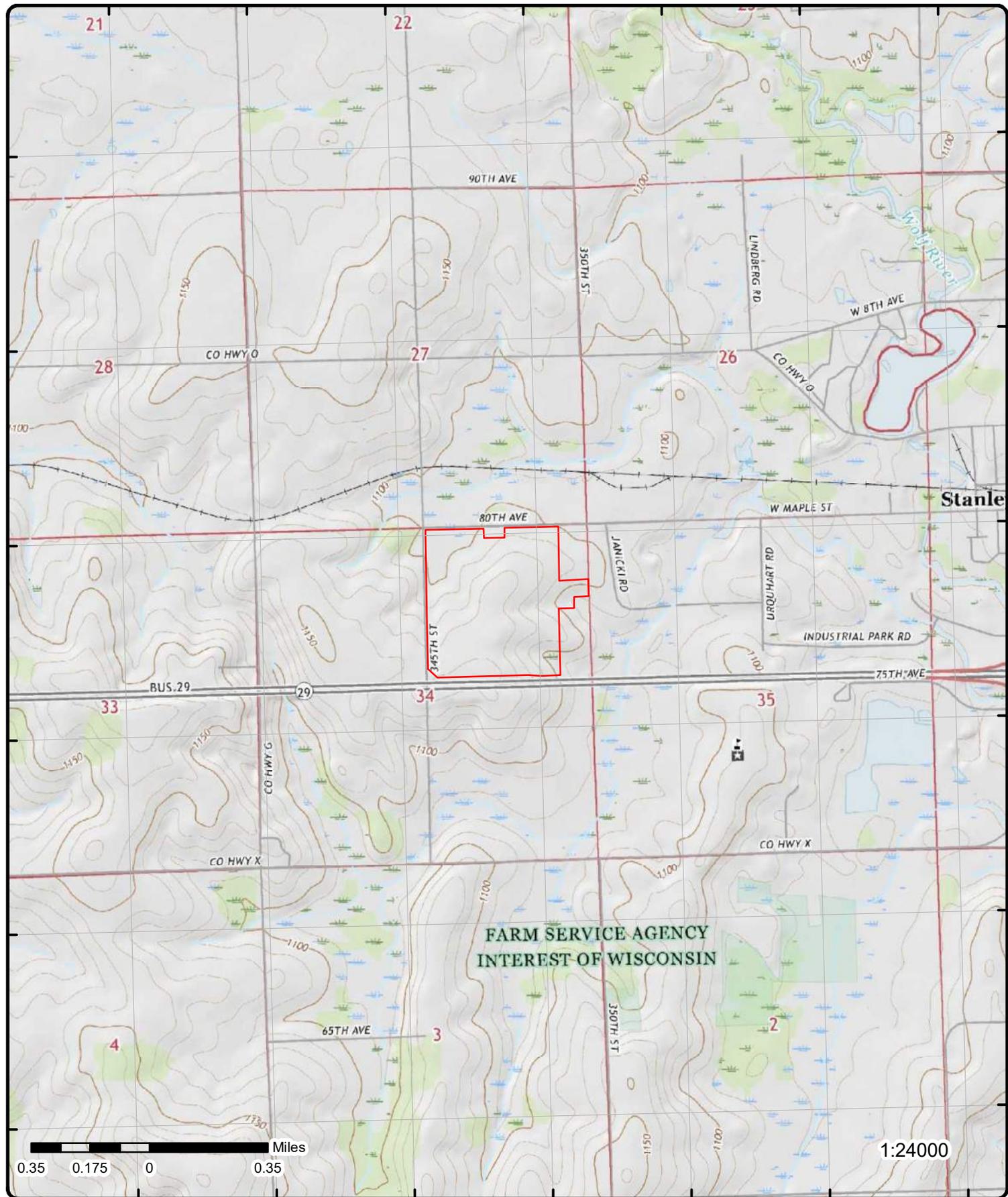
Order Number: 23031400190



© ERIS Information Inc.

90°59'30"W 90°59'W 90°58'30"W 90°58'W 90°57'30"W 90°57'W 90°56'30"W

44°58'30"N
44°58'N
44°57'30"N
44°57'N
44°56'30"N
44°56'N



44°58'30"N
44°58'N
44°57'30"N
44°57'N
44°56'30"N
44°56'N

Topographic Map

Year: 2018

Order Number: 23031400190

Address: 80th Ave, WI



Quadrangle(s): Stanley, WI; Boyd, WI

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Source: USGS Topographic Map

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>1</u>	1 of 1	ENE	0.08 / 431.55	1,101.63 / -31	THALER OIL COMPANY, INC. 807 JANICKI ROAD STANLEY WI 54729	TIER 2

Facility ID:	200309	Country:	US
Facility Status:	ACTIVE	No of Chemicals:	1
Facility Type:	Facility	No of EHS Chemicals:	0
NAICS:	424710	Avg Daily Amt Unit:	lbs
Company Name:	-		
No of EHS More Than TPQ:	0		

Tier 2 Facilities Details

CAS No:	74986	Is Explosive:	No
No of Days Onsite:	365	Is Flammable:	Yes
Max Daily Amount:	203520	Is Physical HNOC:	No
Is Pure:	Yes	Organic Peroxide:	No
Is EHS:	No	Is Oxidizer:	No
Is Mix:	No	Is Pyrophoric Gas:	No
Is Solid State:	No	Is Self Heating:	No
Is Liquid State:	Yes	Is Self Reactive:	No
Is Reactive Haz:	Yes	Is Acute Toxicity:	No
Is Immediate Haz:	No	Is Aspiration Haz:	No
Is Delayed Hazard:	No	Is Carcinogenic:	No
Combustible Dust:	No	Is Health HNOC:	No
EHS Name:			
Chemical Name:	PROPANE		
Sudden Release Pressure Haz:	Yes		
Corrosive to Metal:	No		
Gas Under Pressure:	Yes		
Emission of Gas with Water:	No		
Is Pyrophoric Liquid or Solid:	No		
Is Germ Cell Mutagenicity:	No		
Is Reproductive Toxicity:	No		
Respiratory Skin Sensitize:	No		
Serious Eye Damage Irritation:	No		
Is Simple Asphyxiant:	No		
Skin Corrosion or Irritation:	Yes		
Specific Target Organ Toxic:	No		

Unplottable Summary

Total: 2 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
SHWIMS	BUZZS BODY SHOP	RT 2 W MAPLE	STANLEY WI	54768	867389552
UST	Gene Gustafson	W Maple St	Stanley WI	54768	866805479

License No: 457883
Tank ID | Tank Status | Install Date: 32459 | Abandoned without Product |

Unplottable Report

Site: BUZZS BODY SHOP
RT 2 W MAPLE STANLEY WI 54768

SHWIMS

FID: 609023030
Status: OPERATING
Activity Type: HW Generator Activities

County: CHIPPEWA
Region: WEST CENTRAL

Site: Gene Gustafson
W Maple St Stanley WI 54768

UST

License No: 457883
Facility Ref No: 81373|81373
Fire Department ID: 0909
License Type: Registration
License: Storage Tank Registration
Licensee: GENE GUSTAFSON

Expiration Date:
Fire Department Nm: Stanley
Municipality Name: City of Stanley
Property County: Chippewa County

Tank Details

Tank ID: 32459
Tank Reference No: 265552|090900050
Equipment Wang ID: 090900050
CAS No:
Tank Status: Abandoned without Product
Tank Type: Underground Storage Tank
Tank Contents: Leaded Gasoline
Tank Occupancy: Residential
Install Date:
Capacity: 500.00
Construction Material: Coated Steel
Wall Size: Single

Federally Regulated: No
Leak Detection:
Leak Test Method:
Contain Sump Install: No
Dispen Sump Install: No
Marketer: No
Spill Protection: Not Installed
Overfill Protection: Not Installed
Overfill Protect Type: Not Installed
Corrosion Protect Ty:
Date of Lining:
Lining Inspect Date:

Pipe Details

Related Tank ID: 118830
Status: Abandoned without Product
Type: Piping (Storage Tank)
System Type:
Wall Type: Single
Construction Material: Unknown
Catastrop Leak Detn:
Aboveground Piping: No
Underground Piping: Yes

UST Manifolde: No
Flex Connector: No
Leak Test Method:
Leak Detection: Unknown
Corrosion Protection:
Latest Test Name:
Latest Test Date:
Latest Test Expire Dt:

MyDATCP Storage Tank Search - Tank Details

Tank ID: 32459
Wang ID: 090900050
CAS No:
Tank Status: Abandoned without Product as of 1975-01-01
Install Date:
Tank Type: Underground Storage Tank
Tank Occupancy: Residential
Wall Type: Single
Federally Regulated: No
Leak Detection:
Leak Test Method:

Corrosion Protect Ty:
Overfill Protect Type: Not Installed
Construction Material: Coated Steel
Capacity in Gallons: 500
Marketer: No
Spill Protection: Not Installed
Date of Lining:
Contents: Leaded Gasoline
Overfill Protection: Not Installed
Lining Inspect Date:
Underground Piping: Yes

Contain Sump Install: No

MyDATCP Storage Tank Search - Owner Details

Site Anniversary Date:

Owner Name: Gene Gustafson
Owner Address1: W Maple St
Owner Address2:
Owner City: Stanley
Owner State: WI
Owner Zip: 54768

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

Formerly Utilized Sites Remedial Action Program:

[DOE FUSRAP](#)

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

National Priority List:

[NPL](#)

Sites on the United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Nov 3, 2022

National Priority List - Proposed:

[PROPOSED NPL](#)

Sites proposed by the United States Environmental Protection Agency (EPA), the state agency, or concerned citizens for addition to the National Priorities List (NPL) due to contamination by hazardous waste and identified by the EPA as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Nov 3, 2022

Deleted NPL:

[DELETED NPL](#)

Sites deleted from the United States Environmental Protection Agency (EPA)'s National Priorities List. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Nov 3, 2022

SEMS List 8R Active Site Inventory:

[SEMS](#)

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the SEMS GIS/REST file layer obtained from EPA's Facility Registry Service.

Government Publication Date: Jan 25, 2023

SEMS List 8R Archive Sites:

[SEMS ARCHIVE](#)

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. This data includes sites from the List 8R Archived site file.

Government Publication Date: Jan 25, 2023

Inventory of Open Dumps, June 1985:

[ODI](#)

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

Comprehensive Environmental Response, Compensation and Liability Information System -

[CERCLIS](#)

CERCLIS:

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands:

[IODI](#)

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned:

[CERCLIS NFRAP](#)

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens:

[CERCLIS LIENS](#)

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action:

[RCRA CORRACTS](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Jan 23, 2023

RCRA non-CORRACTS TSD Facilities:

[RCRA TSD](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by RCRA.

Government Publication Date: Jan 23, 2023

RCRA Generator List:

[RCRA LQG](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Jan 23, 2023

RCRA Small Quantity Generators List:

[RCRA SQG](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Jan 23, 2023

RCRA Very Small Quantity Generators List:

[RCRA VSQG](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Jan 23, 2023

RCRA Non-Generators:

[RCRA NON GEN](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Jan 23, 2023

RCRA Sites with Controls:

[RCRA CONTROLS](#)

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Jan 23, 2023

Federal Engineering Controls-ECs:

[FED ENG](#)

This list of Engineering controls (ECs) is provided by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2020 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Dec 22, 2022

Federal Institutional Controls- ICs:

FED INST

This list of Institutional controls (ICs) is provided by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2020 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Dec 22, 2022

Land Use Control Information System:

LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites:

NPL IC

Boundaries of Institutional Control areas at sites on the United States Environmental Protection Agency (EPA)'s National Priorities List, or Proposed or Deleted, made available by the EPA's Shared Enterprise Geodata and Services (SEGS). United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy.

Government Publication Date: Nov 3, 2022

Emergency Response Notification System:

ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System:

ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System:

ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Nov 6, 2022

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database:

FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Sep 13, 2022

FEMA Underground Storage Tank Listing:

FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan:

[FRP](#)

List of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Delisted Facility Response Plans:

[DELISTED FRP](#)

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Historical Gas Stations:

[HIST GAS STATIONS](#)

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries:

[REFN](#)

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Aug 30, 2022

Petroleum Product and Crude Oil Rail Terminals:

[BULK TERMINAL](#)

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Jun 29, 2022

LIEN on Property:

[SEMS LIEN](#)

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

Government Publication Date: Jan 25, 2023

Superfund Decision Documents:

[SUPERFUND ROD](#)

This database contains a list of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include completed Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD) for active and archived sites stored in the Superfund Enterprise Management System (SEMS), along with other associated memos and files. This information is maintained and made available by the U.S. Environmental Protection Agency.

Government Publication Date: Dec 22, 2022

State

Hazard Ranking List:

[SHWS](#)

Last published in 1994, this is a list of sites which were investigated by the Department of Natural Resources (DNR) under the Wisconsin Environmental Repair Law. Hazard ranking of a site or facility was performed to determine if the site or facility presents a substantial danger to the public health, or welfare, or the environment. The DNR Bureau for Remediation and Redevelopment now maintains other programs for the investigation and cleanup of potential and confirmed contamination to soil and groundwater in Wisconsin. This database is state equivalent CERCLIS.

Government Publication Date: July 1994

Licensed Solid Waste Landfills:

[SWF/LF](#)

List of licensed solid waste landfills in the state of Wisconsin as recorded by the Department of Natural Resources (DNR). The DNR regulates landfills to prevent negative impacts to people and the environment. DNR staff inspect landfills regularly.

The Historic Registry of Waste Disposal Sites:

WDS

Prior to development of on-line databases, the Wisconsin Department of Natural Resources (DNR) provided public information about old waste disposal facilities in a printed publication called the Historic Registry of Waste Disposal Sites (the "Registry").

Government Publication Date: Jul 22, 2013

Solid Waste - Landfills and Historic Waste Sites:

HIST LF

A list of active and inactive solid waste landfills and known historic waste sites available through the Wisconsin Department of Natural Resources' Open Data Portal. This list is based on the known or inferred limits of waste found in the 'Solid Waste - Landfills and Historic Waste Site Extents' dataset.

Government Publication Date: Aug 11, 2022

Solid & Hazardous Waste Information Management System:

SHWIMS

List of sites and facilities in the Solid and Hazardous Waste Information System (SHWIMS) regulated by the Wisconsin Department of Natural Resources (DNR) Waste and Materials Management (WMM) program. Activities that occur at site facilities include landfill operation, waste transportation, hazardous waste generation, wood burning, waste processing, sharps collection and many more.

Government Publication Date: Jan 17, 2023

Leaking Underground Storage Tanks:

LUST

A list of Leaking Underground Storage Tank (LUST) sites as recorded by the Wisconsin Department of Natural Resources (DNR). When petroleum products are released from underground tanks into the soil or groundwater, the DNR will work with the responsible party and environmental professionals to clean up the spill to state standards. This LUST site listing is sourced from the Bureau for Remediation and Redevelopment Tracking System (BRRTS) database and Open Data Portal applicable file/s provided by the DNR.

Government Publication Date: Jan 5, 2023

Leaking Aboveground Storage Tanks:

LAST

List of Leaking Aboveground Storage Tank (LAST) sites as recorded by the Department of Natural Resources (DNR). When petroleum products are released from tanks into the soil or groundwater, the DNR will work with the responsible party and environmental professionals to clean up the spill to state standards.

Government Publication Date: Jan 5, 2023

Delisted Leaking Tanks:

DELISTED LST

This database contains a list of closed leaking tank sites that were removed from the leaking tank database regulated by the Storage Tank Regulation Section of the Wisconsin Department of Natural Resources.

Government Publication Date: Jan 5, 2023

Underground Storage Tanks:

UST

List of Underground Storage Tank (UST) locations. The Bureau of Weights and Measures, operating under the Department of Agriculture, Trade and Consumer Protection is responsible for the administration and regulation of the Wisconsin Administrative Code ATCP 93 - Flammable and Combustible Liquids.

Government Publication Date: Feb 21, 2023

Aboveground Storage Tanks:

AST

List of Aboveground Storage Tank (AST) locations. The Bureau of Weights and Measures, operating under the Department of Agriculture, Trade and Consumer Protection is responsible for the administration and regulation of the Wisconsin Administrative Code ATCP 93 - Flammable and Combustible Liquids.

Government Publication Date: Feb 21, 2023

Delisted Storage Tanks:

DEL STORAGE TANK

This database contains a list of closed storage tank sites that were removed from the storage tank database regulated by the Storage Tank Regulation Section of the Wisconsin Department of Agriculture, Trade, and Consumer Protection.

Government Publication Date: Feb 21, 2023

Closed Remediation Sites:

CRS

This list of closed environmental remediation sites is provided by the Wisconsin Department of Natural Resources (WI DNR). The listing includes Environmental Repair Program (ERP) and Leaking Underground Storage Tank (LUST) sites where contamination affected soil, groundwater or other media, but the DNR has determined, based on information available at the time, that no further remedial action is required. A "site" is a contamination incident, not a property. A site may be smaller than a property or may include more than one property.

Deed Restriction at Closeout Sites:

AUL

List of sites for which a deed restriction is recorded at the Register of Deeds office. Deed restrictions limit property use or outline requirements for actions prior to future use. Deed restrictions are applied in cases where there is known soil contamination that is impracticable to remove, or an engineering requirement or NR270 industrial standards are in place.

Government Publication Date: Jan 5, 2023

Voluntary Party Liability Exemption Sites:

VCP

List of sites which have participated in the Voluntary Party Liability Exemption (VPLE) program, an elective environmental cleanup program administered by the Wisconsin Department of Natural Resources (DNR), and received an exemption from future environmental liability. Any individual, business or unit of government that conducts an environmental investigation and cleanup of a contaminated property - following state requirements with the oversight of DNR staff - can receive an exemption from future environmental liability. With some restrictions, most properties that have had a discharge of a hazardous substance are eligible for VPLE.

Government Publication Date: Jan 5, 2023

Brownfields Environmental Assessment Program:

BEAP

List of sites which participated in the Brownfields Environmental Assessment Program (BEAP) - a federal program that assisted municipalities with Environmental Site Assessments (ESAs) for tax delinquent or bankrupt properties, or properties a local government acquired for redevelopment. Site assessments to determine property contamination were conducted by the Department of Natural Resources staff.

Government Publication Date: Jan 5, 2023

Brownfields Listing:

BROWNFIELDS

The Department of Natural Resource (DNR)'s Remediation and Redevelopment program has a wide range of financial and liability tools available to assist local governments, businesses, lenders and others to clean up and redevelop brownfields in Wisconsin. DNR describes brownfields as abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfield properties present public health, economic, environmental and social challenges to the rural and urban communities in which they are located.

Government Publication Date: Jan 5, 2023

Brownfield Site Assessment Grant Projects:

BSA PROJECTS

In 2012, the Brownfield Site Assessment Grant (SAG) program was transferred to the Wisconsin Economic Development Corporation (WEDC), this was previously a financial tool of the Wisconsin Department of Natural Resources (DNR). This grant program helps local governments conduct initial activities and investigations at properties with known or suspected environmental contamination. The awarded grant funds cannot be used for environmental cleanup activities. Applicants must meet the eligibility definition outlined in s.292.75(1)(a), Wisconsin Statutes: "Eligible site or facility" means one or more contiguous industrial or commercial facilities or sites with common or multiple ownership that are abandoned, idle, or underused, the expansion or redevelopment of which is adversely affected by actual or perceived environmental contamination." This listing includes the current WDEC SAG projects, the final DNR Round 11 and 12 SAG DNR projects. The Round 12 SAG projects were tracked by the DNR, but not funded by the DNR since the SAG program was vetoed out of the budget.

Government Publication Date: Sep 30, 2015

Brownfields Grant Program Sites:

BGP

This list of Brownfield Grant Program sites is provided by the Wisconsin Economic Development Corporation. The Wisconsin Brownfield Program provides grant funds to assist local governments, businesses and individuals with assessing and remediating the environmental contamination of an abandoned, idle or underused industrial or commercial facility or site. This program will help convert contaminated sites into productive properties that are attractive and ready for redevelopment.

Government Publication Date: Jun 30, 2022

Environmental Repair:

ERP

Environmental Repair Program sites are those other than Leaking Underground Storage Tanks (LUSTs) that have contaminated soil and/or groundwater. Examples include industrial spills (or dumping) that need long term investigation, buried containers of hazardous substances, and closed landfills that have caused contamination. This ERP site listing is sourced from the Bureau for Remediation and Redevelopment Tracking System (BRRTS) database and Open Data Portal applicable file/s provided by the Wisconsin Department of Natural Resources (DNR).

Government Publication Date: Jan 5, 2023

Tribal

Leaking Underground Storage Tanks on Tribal/Indian Lands:

[INDIAN LUST](#)

This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 5, which includes Wisconsin, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Oct 14, 2022

Underground Storage Tanks on Tribal/Indian Lands:

[INDIAN UST](#)

This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 5, which includes Wisconsin, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Oct 14, 2022

Delisted Tribal Leaking Storage Tanks:

[DELISTED INDIAN LST](#)

Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

Delisted Tribal Underground Storage Tanks:

[DELISTED INDIAN UST](#)

Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

County

No County databases were selected to be included in the search.

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index:

[FINDS/FRS](#)

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Aug 18, 2022

Toxics Release Inventory (TRI) Program:

[TRIS](#)

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Aug 24, 2021

Perfluorinated Alkyl Substances (PFAS) from Toxic Release Inventory:

[PFAS TRI](#)

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Aug 24, 2021

National Response Center PFAS Spills:

[ERNS PFAS](#)

National Response Center (NRC) calls from 1990 to the most recent complete calendar year where there is indication of Aqueous Film Forming Foam (AFFF) usage. NRC calls may reference AFFF usage in the "Material Involved" or "Incident Description" fields. Data made available by the US Environmental Protection Agency (EPA). Disclaimer: dataset may include initial or misidentified incident data not yet validated or investigated by a federal/state response agency.

Government Publication Date: Feb 23, 2022

Federal Agency Locations with Known or Suspected PFAS Detections:

[PFAS FED SITES](#)

List of Federal agency locations with known or suspected detections of Per- and Polyfluoroalkyl Substances (PFAS), made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data. EPA outlines that these data are gathered from several federal entities, such as the Federal Superfund program, Department of Defense (DOD), National Aeronautics and Space Administration, Department of Transportation, and Department of Energy. Sites on this list do not necessarily reflect the source/s of contamination and detections do not indicate level of risk or human exposure at the site. Agricultural notifications in this data are limited to DOD sites only. At this time, the EPA is aware that this list is not comprehensive of all Federal agencies.

Government Publication Date: Jun 30, 2022

PFOA/PFOS Contaminated Sites:

[PFAS NPL](#)

List of National Priorities List (NPL) and related Superfund Alternative Agreement (SAA) sites where PFOA or PFOS contaminants have been found in water and/or soil. The site listing is provided by the Federal Environmental Protection Agency (EPA).

Government Publication Date: Oct 4, 2022

PFAS NPDES Discharge Monitoring:

[PFAS NPDES](#)

This list of National Pollutant Discharge Elimination System (NPDES) permitted facilities with required monitoring for Per- and Polyfluoroalkyl (PFAS) Substances is made available via the U.S. Environmental Protection Agency (EPA)'s PFAS Analytic Tools. Any point-source wastewater discharger to waters of the United States must have a NPDES permit, which defines a set of parameters for pollutants and monitoring to ensure that the discharge does not degrade water quality or impair human health. This list includes NPDES permitted facilities associated with permits that monitor for Per- and Polyfluoroalkyl Substances (PFAS), limited to the years 2007 - present. EPA further advises the following regarding these data: currently, fewer than half of states have required PFAS monitoring for at least one of their permittees, and fewer states have established PFAS effluent limits for permittees. For states that may have required monitoring, some reporting and data transfer issues may exist on a state-by-state basis.

Government Publication Date: Feb 19, 2023

SSEHRI PFAS Contamination Sites:

[PFAS SSEHRI](#)

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Disclaimer: The source conveys this database undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Limited location details are available with this data. Access the following for the most current informations <https://pfasproject.com/pfas-contamination-site-tracker/>

Government Publication Date: Dec 12, 2019

Perfluorinated Alkyl Substances (PFAS) Water Quality:

[PFAS WATER](#)

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

Hazardous Materials Information Reporting System:

[HMIRS](#)

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 1, 2020

National Clandestine Drug Labs:

[NCDL](#)

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Aug 30, 2022

Toxic Substances Control Act:

[TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Apr 11, 2019

Hist TSCA:

[HIST TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing:

[FTTS ADMIN](#)

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing:

[FTTS INSP](#)

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List:

[PRP](#)

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

Government Publication Date: Jan 25, 2023

State Coalition for Remediation of Drycleaners Listing:

[SCRD DRYCLEANER](#)

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRDC no longer maintains this data, refer to applicable state source data where available.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS):

[ICIS](#)

The U.S. Environmental Protection Agency's Enforcement and Compliance History Online system incorporates data from the Integrated Compliance Information System - National Pollutant Discharge Elimination System (ICIS-NPDES). ICIS-NPDES is an information management system maintained by the Office of Compliance to track permit compliance and enforcement status of facilities regulated by the NPDES under the Clean Water Act. This data includes permit, inspection, violation and enforcement action information for applicable ICIS records.

Government Publication Date: Oct 15, 2022

Drycleaner Facilities:

[FED DRYCLEANERS](#)

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) online search. The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: Jun 25, 2022

Delisted Drycleaner Facilities:

[DELISTED FED DRY](#)

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: Jun 25, 2022

Formerly Used Defense Sites:

FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset.

Government Publication Date: Jul 12, 2022

Former Military Nike Missile Sites:

FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents:

PIPELINE INCIDENT

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

Government Publication Date: Mar 31, 2021

Material Licensing Tracking System (MLTS):

MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites:

HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File:

MINES

The Master Index File (MIF) is provided by the United State Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: Aug 3, 2022

Surface Mining Control and Reclamation Act Sites:

SMCRA

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (OSMRE) to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of Abandoned Mine Land (AML) impacts, as well as information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Government Publication Date: Aug 18, 2022

Mineral Resource Data System:

MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

DOE Legacy Management Sites:

[LM SITES](#)

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Title II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: Dec 1, 2022

Alternative Fueling Stations:

[ALT FUELS](#)

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG) fuel type locations.

Government Publication Date: Jan 3, 2023

Superfunds Consent Decrees:

[CONSENT DECREES](#)

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS) since 2010. CMS may not reflect the latest developments in a case nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Jan 11, 2023

Air Facility System:

[AFS](#)

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments:

[SSTS](#)

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Mar 30, 2022

Polychlorinated Biphenyl (PCB) Transformers:

[PCBT](#)

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers:

[PCB](#)

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Nov 3, 2022

State

Tier 2 Report:

TIER 2

A list of Tier 2 facilities in Wisconsin. This list is provided by the Wisconsin Emergency Management/ State Emergency Response Commission.

Government Publication Date: Jan 19, 2023

Spills:

SPILLS

A list of spill events reported to the Wisconsin Department of Natural Resources (DNR). The DNR describes a spill as a discharge of a hazardous substance that may adversely impact, or threaten to impact public health, welfare or the environment. This spills listing is sourced from the Bureau for Remediation and Redevelopment Tracking System (BRRTS) database and Open Data Portal applicable file/s provided by the DNR.

Government Publication Date: Jan 5, 2023

Wisconsin Agricultural Spills Boundaries:

AGSPILLS

Boundaries of agricultural spill sites reported to the Wisconsin Department of Agriculture, Trade and Consumer Protection. The Agricultural Chemical Cleanup Program (ACCP) is in place to identify and manage pesticide and fertilizer spills to prevent these products from reaching the groundwater. Once a site has been identified as requiring remediation, the ACCP provides reimbursement for eligible costs incurred by the responsible person.

Government Publication Date: Dec 2, 2022

Wisconsin Agricultural Spills - Remediation Locations:

AG SPILL REMED

List of agricultural spill site remediation locations made available by the Wisconsin Department of Agriculture, Trade and Consumer Protection. The Agricultural Chemical Cleanup Program (ACCP) is in place to identify and manage pesticide and fertilizer spills to prevent these products from reaching the groundwater. Once a site has been identified as requiring remediation, the ACCP provides reimbursement for eligible costs incurred by the responsible person.

Government Publication Date: Dec 2, 2022

Wisconsin Bureau for Remediation and Redevelopment Tracking System:

BRRTS

The Wisconsin Bureau for Remediation and Redevelopment Tracking System (BRRTS) contains information on the investigation and cleanup of potential and confirmed contamination to soil and groundwater in Wisconsin. This database includes: sites where an abandoned container with potentially hazardous contents has been inspected and recovered, and no known discharge to the environment has occurred; sites where there was, or may have been, a discharge to the environment and, based on the known information, the Department of Natural Resources (DNR) has determined that the responsible party does not need to undertake an investigation or cleanup in response to that discharge; materials management sites that receive contaminated soil from other properties; and sites which have been removed from the tracking system and archived.

Government Publication Date: Jan 5, 2023

Delisted BRRT:

DELISTED BRRT

The Wisconsin Bureau for Remediation and Redevelopment Tracking System (BRRTS) maintained by the Wisconsin Department of Natural Resources contains information on the investigation and cleanup of potential and confirmed contamination to soil and groundwater in Wisconsin. Sites and site details are removed from the data made available to the public when the source of contamination is unclear and an investigation to determine the source of contamination is in progress.

Government Publication Date: Oct 27, 2015

Per- and Polyfluoroalkyl Substances (PFAS):

PFAS

List of sites at which the Wisconsin Department of Natural Resources (DNR) has determined further action is required due to confirmed per- and polyfluoroalkyl (PFAS) contamination. DNR advises that the information as presented may be incomplete and is subject to change as new information becomes available.

Government Publication Date: Jan 5, 2023

Dry Cleaner Environmental Response Fund:

DRYC REM

A list of facilities enrolled in the Dry Cleaner Environmental Response Fund (DERF) or have a reported historical use as a dry cleaning facility. This is only a listing of known remediation sites with a cleanup of contamination that may be related to dry cleaning substances. The Remediation & Redevelopment Program does not regulate or license Dry Cleaning Facilities The "status" provided in this list is only in regards to the cleanup and not the operations of the facility.

Government Publication Date: Jan 25, 2023

Five Star Recognition Program Sites:

DRYCLEANERS

The purpose of Wisconsin's Five Star Environmental Recognition Program for Drycleaners was to encourage drycleaners to become more environmentally-friendly. The program was divided into five different star categories, with the ultimate goal being to achieve the Five Star status. The program was sponsored by the Wisconsin Fabricare Institute (WFI), in cooperation with the Department of Natural Resources, the Department of Commerce, the University of Wisconsin Extension-Solid and Hazardous Waste Education Center and the Center for Neighborhood Technology. WFI discontinued the program on Jan 1, 2013

Government Publication Date: Jan 1, 2013

Delisted Dry Cleaner Environmental Response Fund:

DELISTED DRYC REM

Sites which once appeared on - but have since been removed from - the list of sites in the Dry Cleaner Environmental Response Fund Program made available by the Wisconsin Department of Natural Resources (DNR). The Dry Cleaner Environmental Response Fund Program reimburses dry cleaners for the investigation and clean up of the release of chemicals used in dry cleaning.

Government Publication Date: Jan 25, 2023

Liens and Notices of Contamination:

LIENS

A list of sites with liens and notices of contamination. This list is made available by the Wisconsin Department of Natural Resources (DNR).

Government Publication Date: Feb 22, 2023

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

Appendix B

Physical Setting Report



Property Information

Order Number:	23031400190p
Date Completed:	March 14, 2023
Project Number:	CCEDC 22001
Project Property:	City of Stanley Industrial Park Development Project 80th Ave Stanley WI 54768
Coordinates:	
Latitude:	44.95539953
Longitude:	-90.96929268
UTM Northing:	4980001.85792 Meters
UTM Easting:	660175.022525 Meters
UTM Zone:	UTM Zone 15T
Elevation:	1,132.90 ft
Slope Direction:	ESE

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Geologic Information.....	15
Soil Information.....	17
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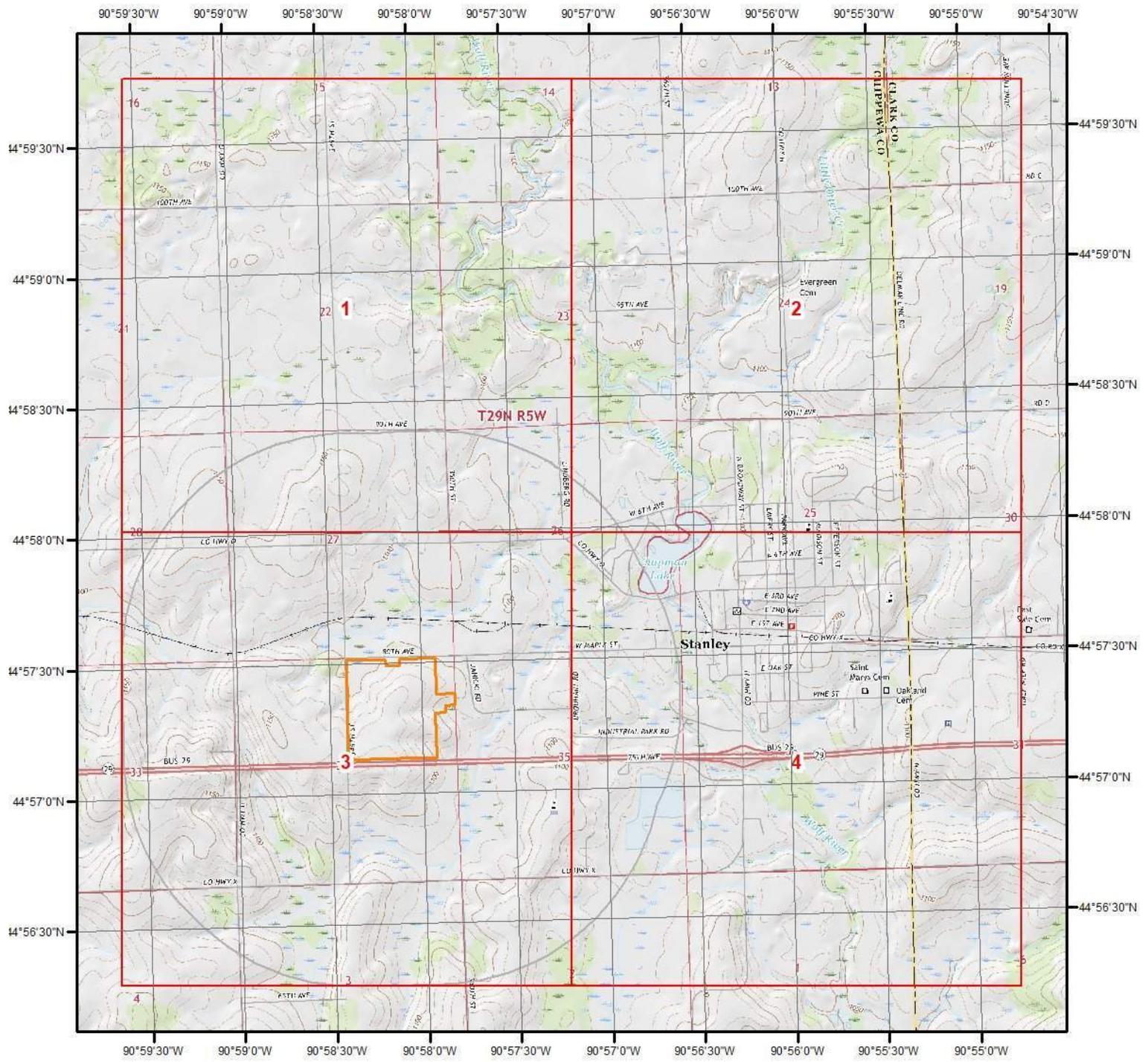
The ERIS **Physical Setting Report - PSR** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

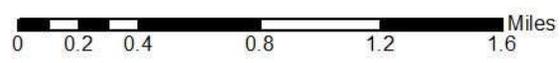
Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information



Current USGS Topo (2015)

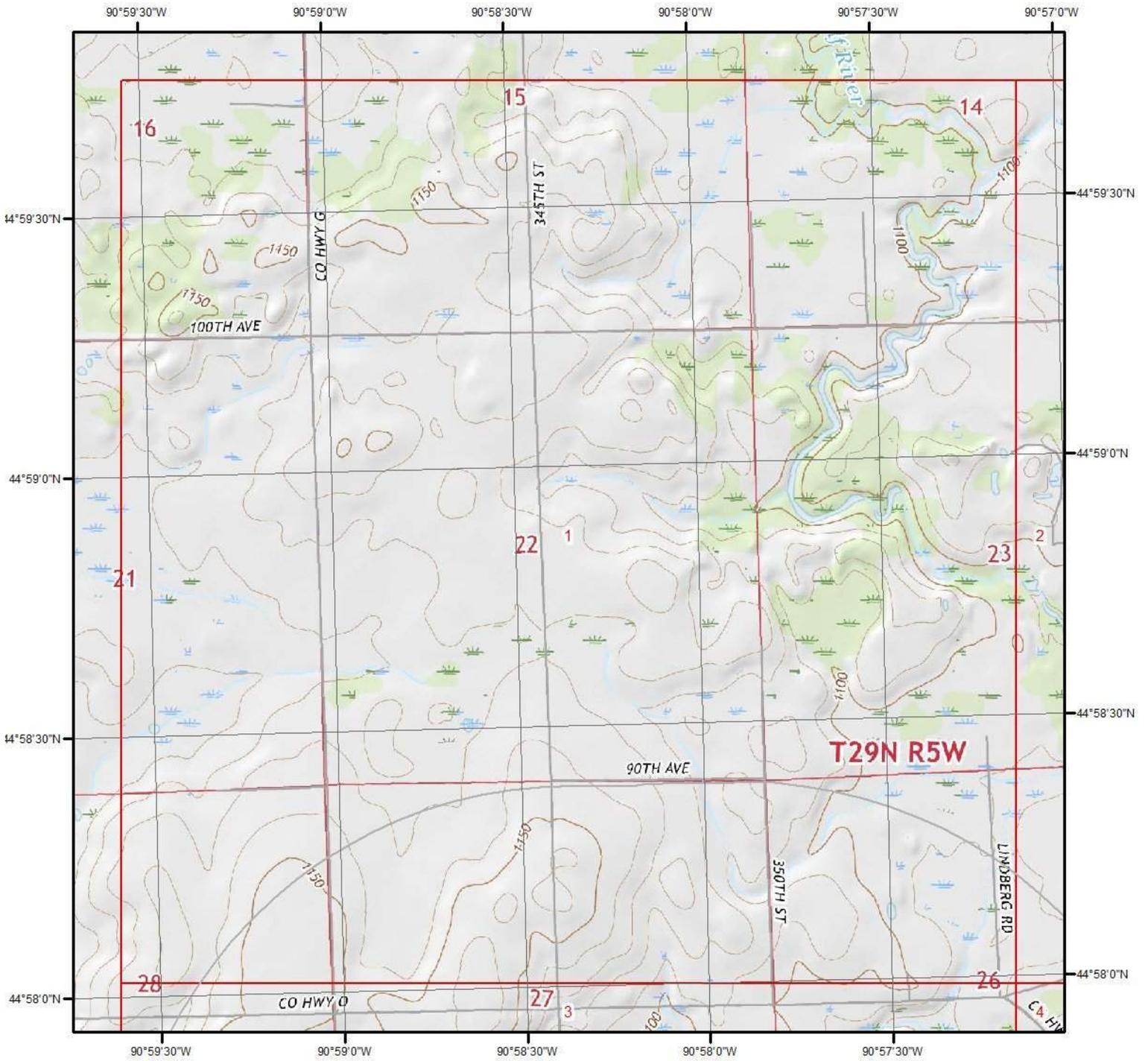


Quadrangle(s): Bellinger,WI; Boyd,WI; Colburn,WI; Huron,WI; Stanley,WI; Thorp,WI

Source: USGS 7.5 Minute Topographic Map



Topographic Information



Current USGS Topo - Page 1

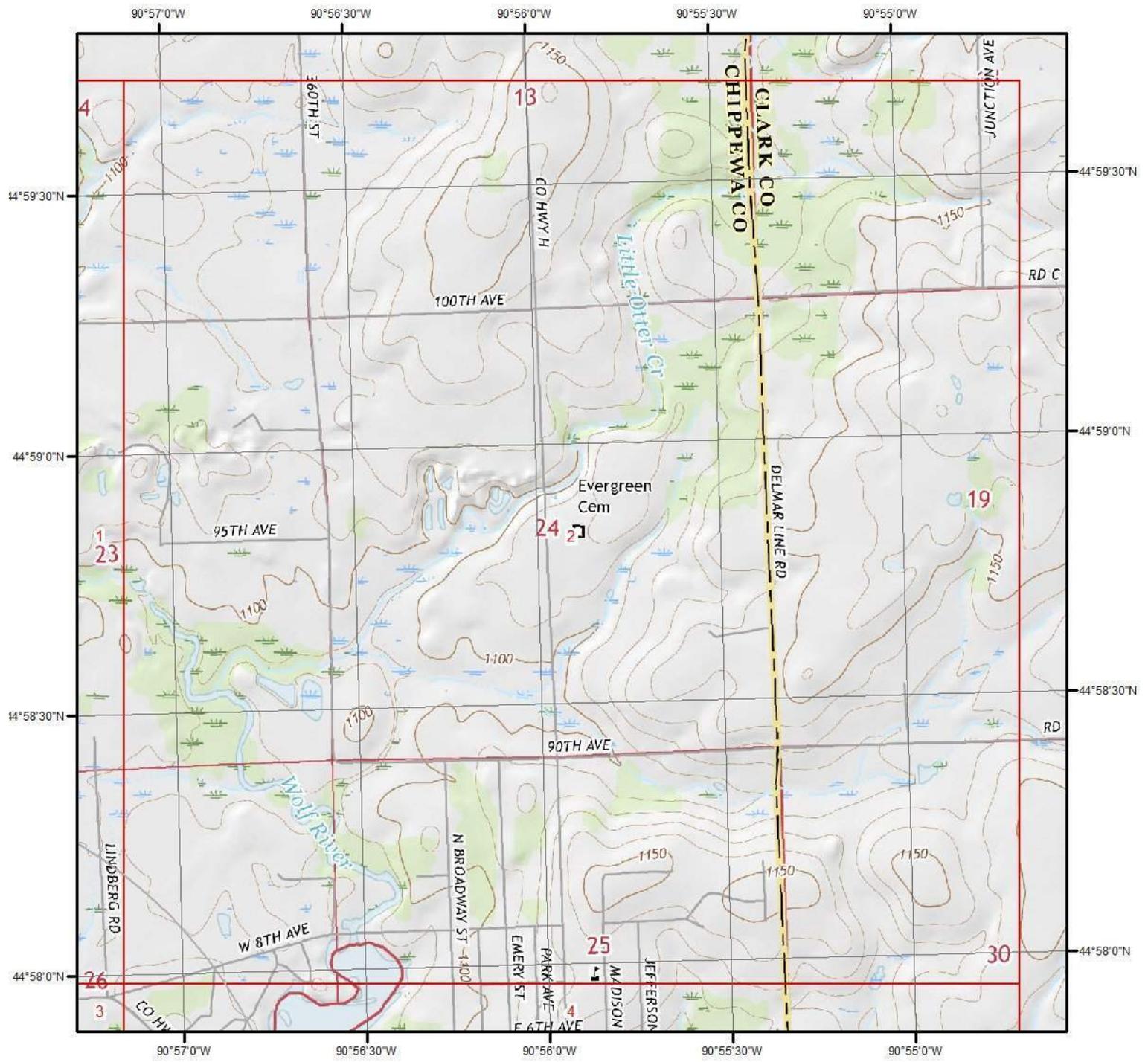


Quadrangle(s): Stanley, WI

Source: USGS 7.5 Minute Topographic Map



Topographic Information



Current USGS Topo - Page 2

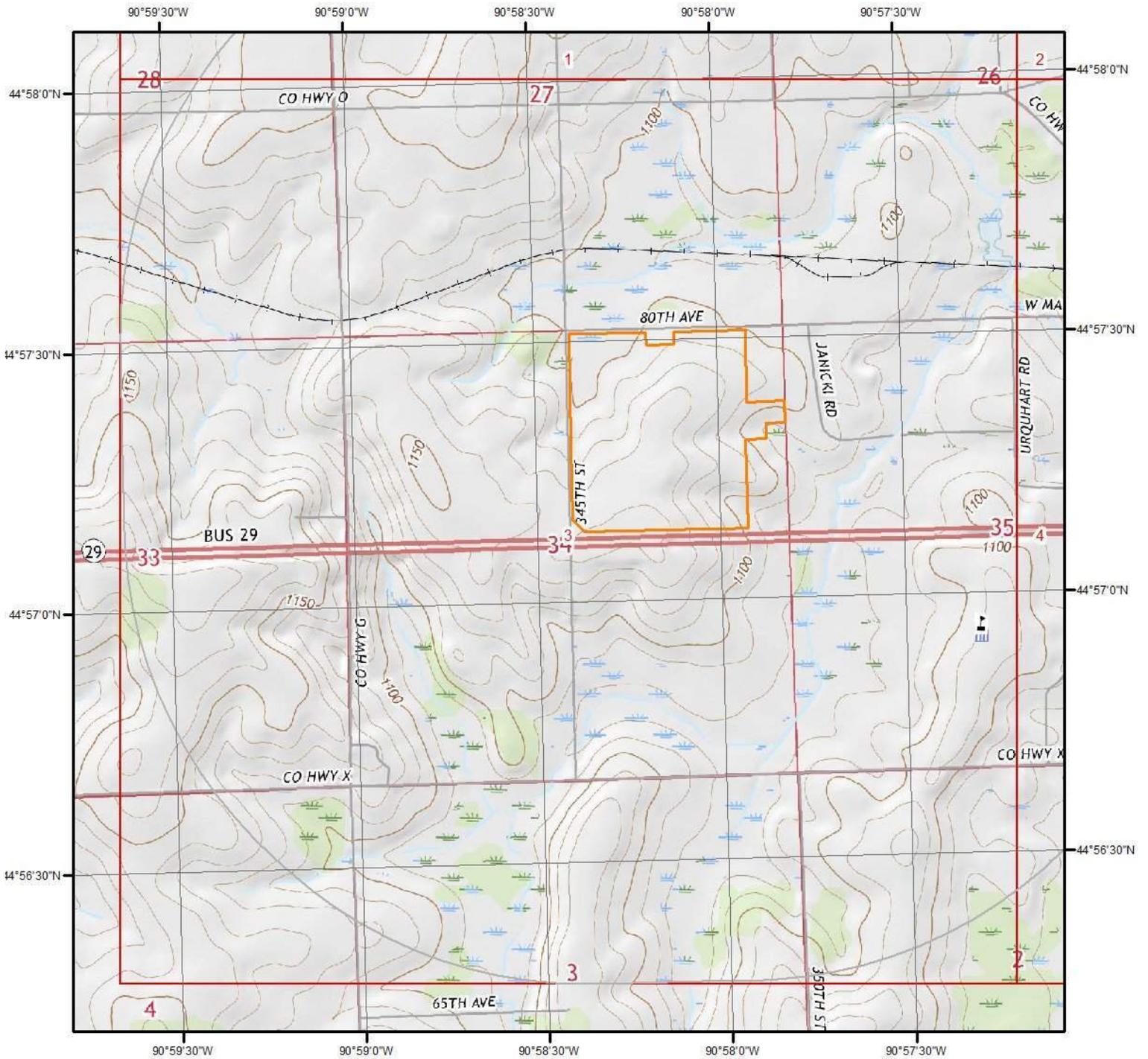


Quadrangle(s): Stanley, WI

Source: USGS 7.5 Minute Topographic Map



Topographic Information



Current USGS Topo - Page 3

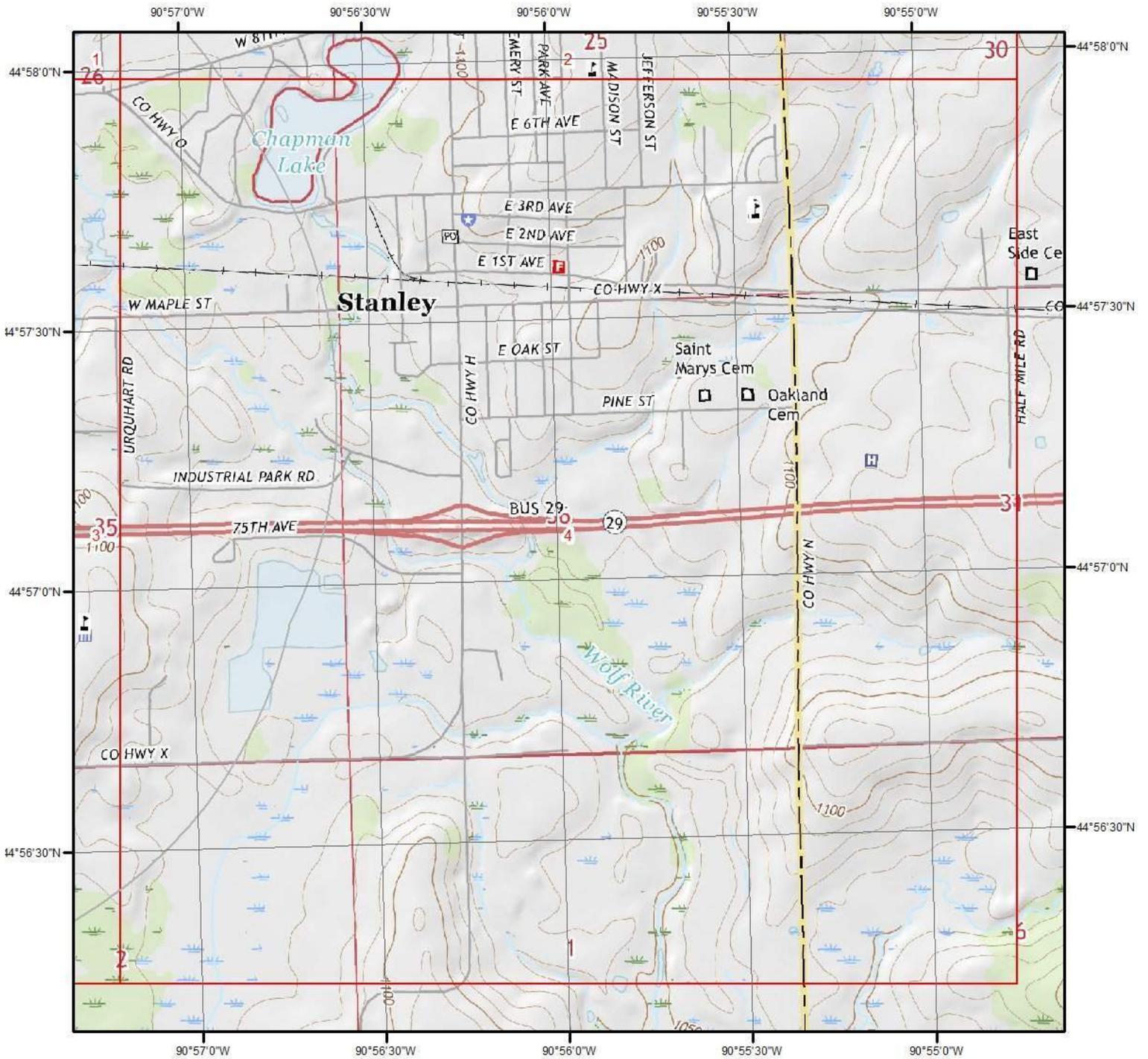


Quadrangle(s): Stanley, WI

Source: USGS 7.5 Minute Topographic Map



Topographic Information



Current USGS Topo - Page 4



Quadrangle(s): Stanley, WI

Source: USGS 7.5 Minute Topographic Map

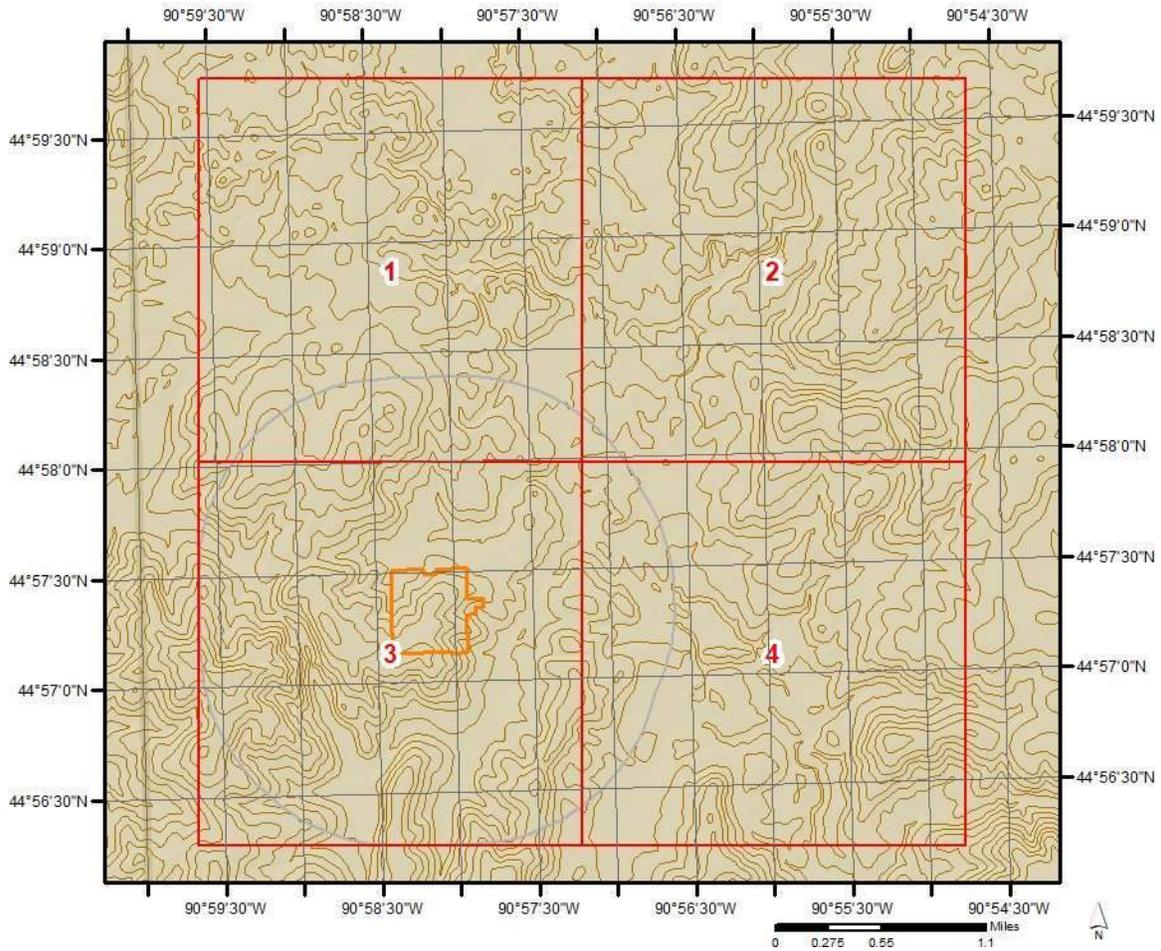


Topographic Information

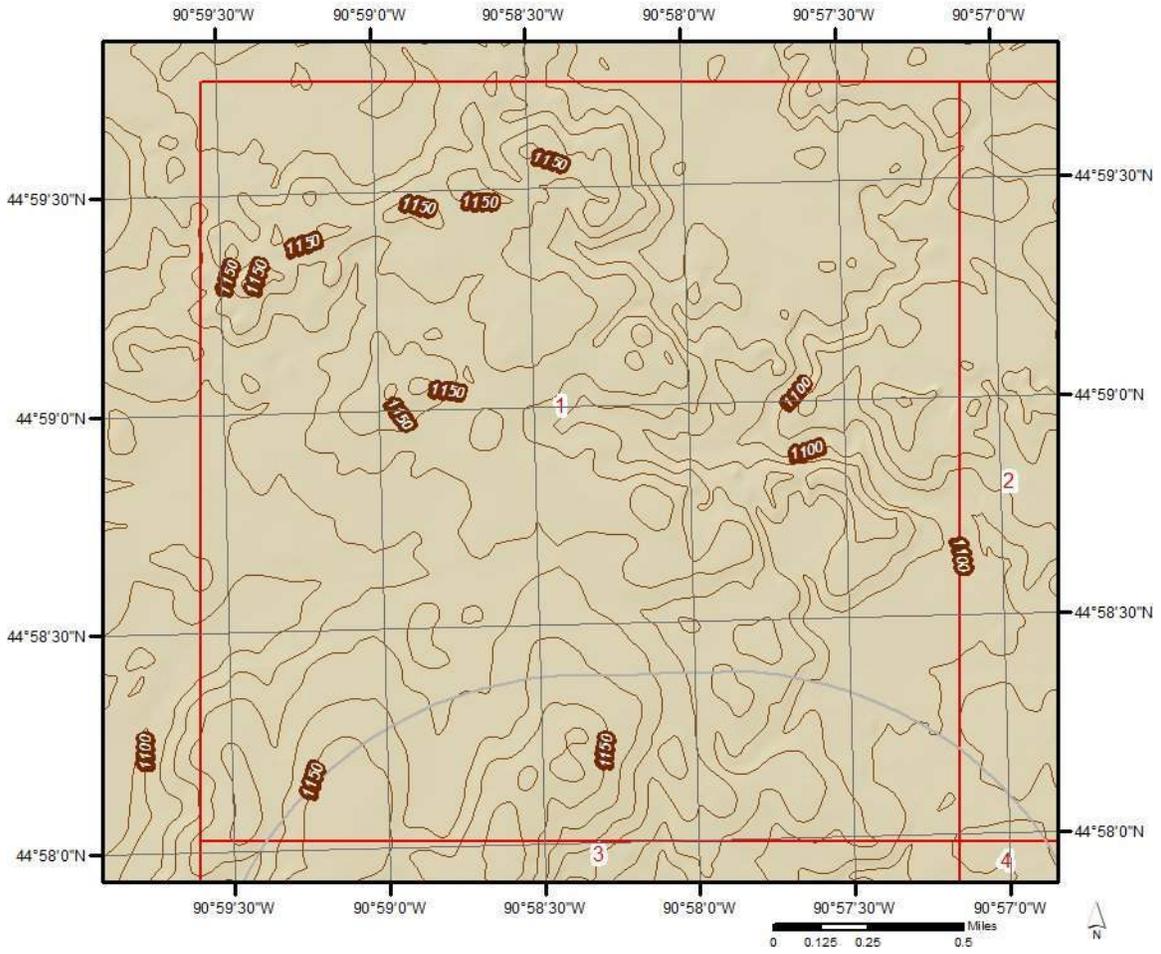
The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

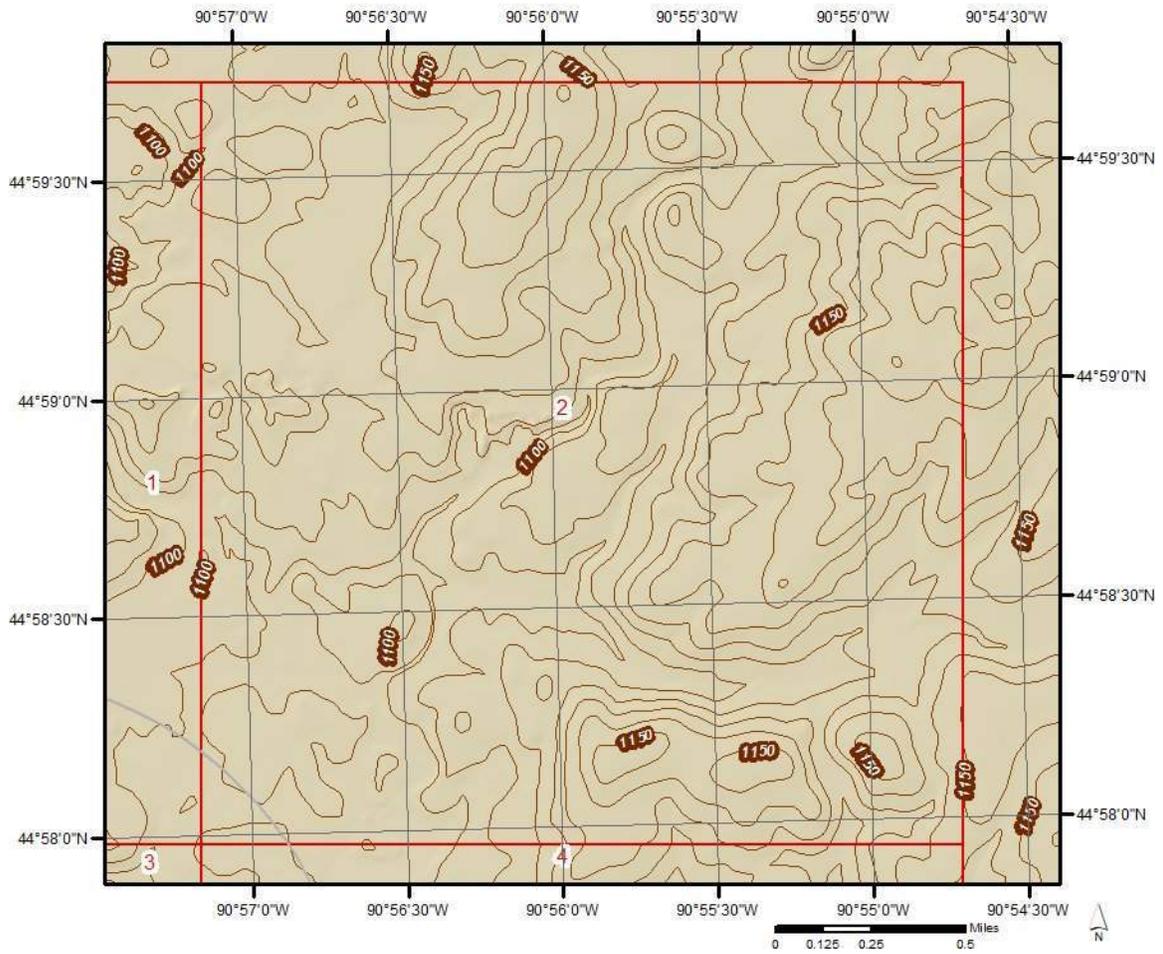
Elevation: 1,132.90 ft
Slope Direction: ESE



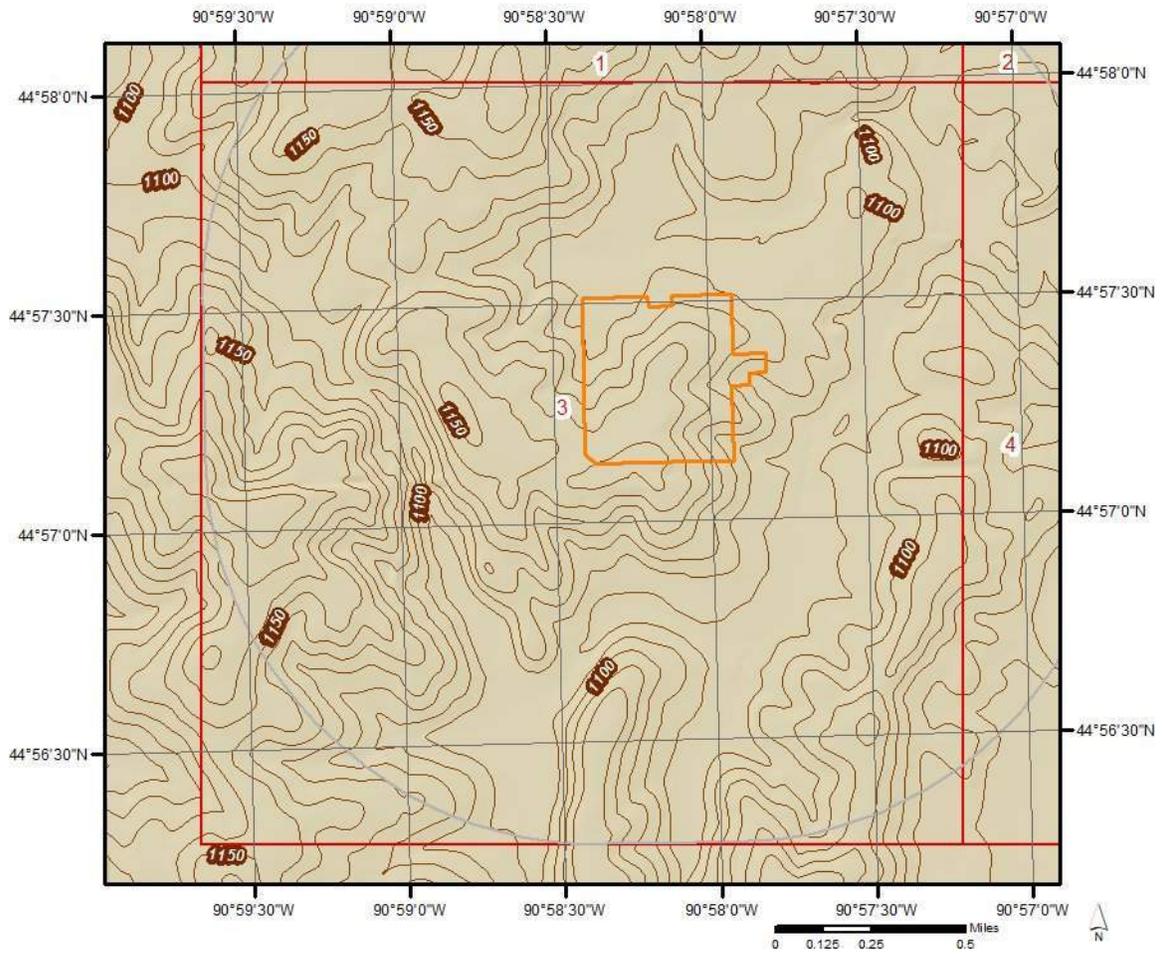
Topographic Information



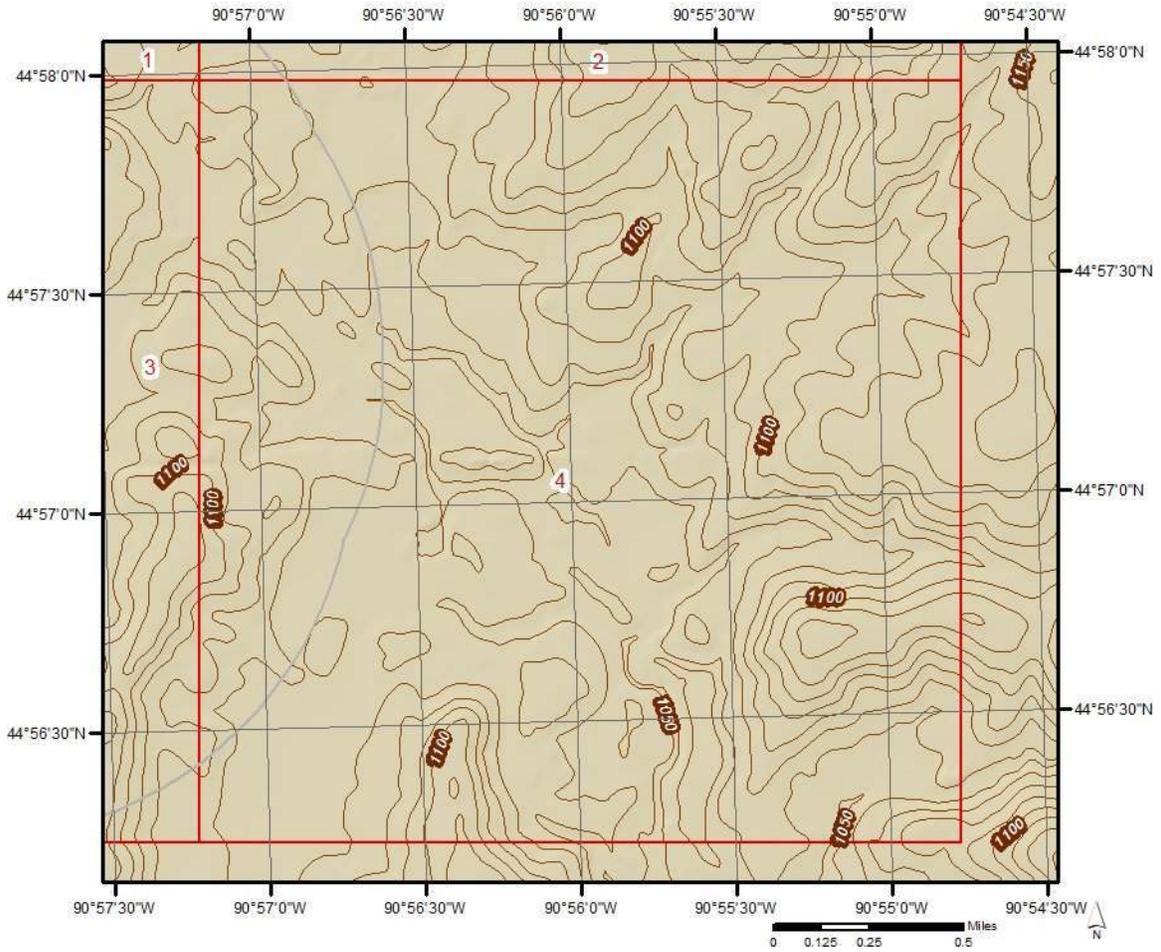
Topographic Information



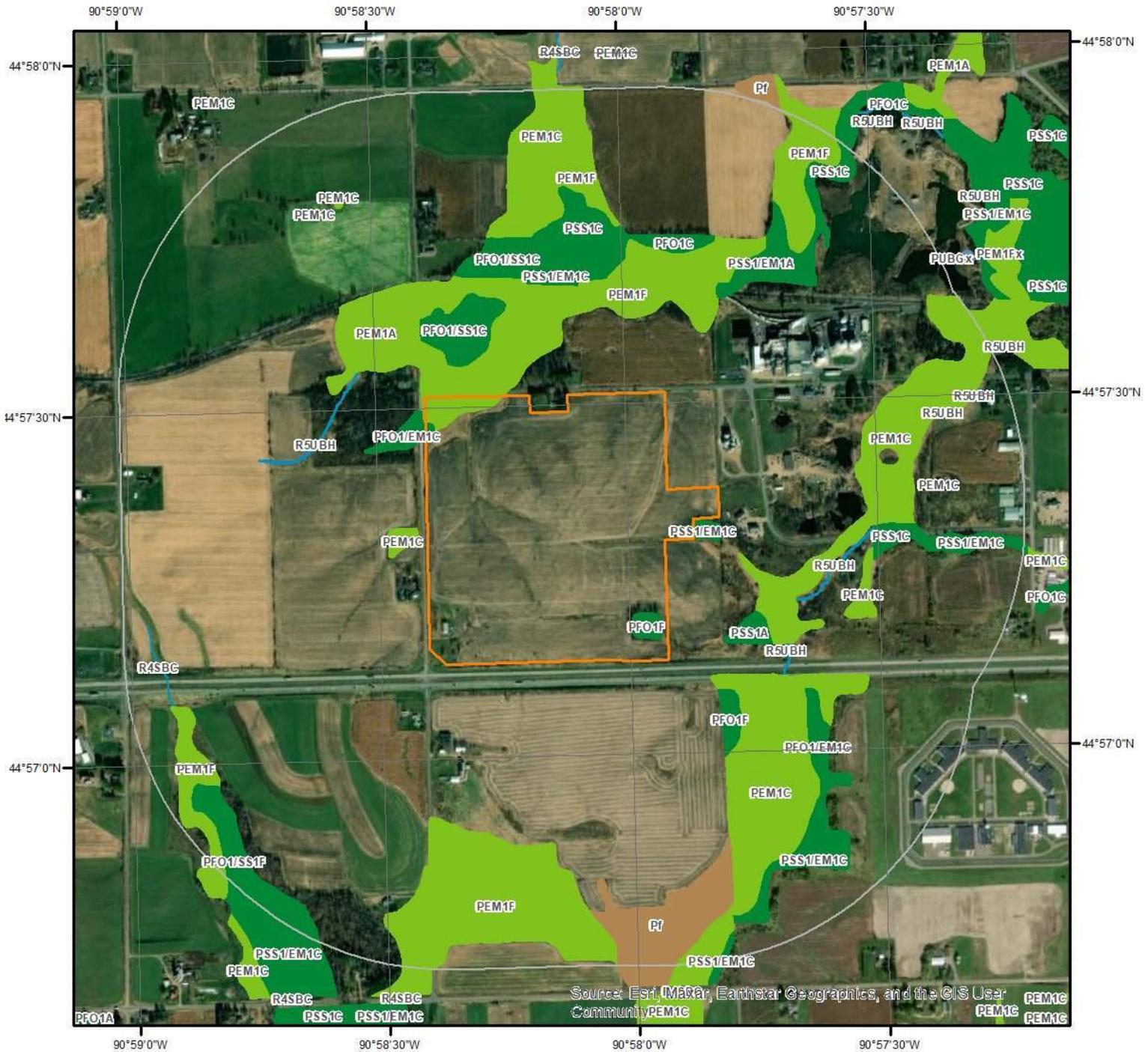
Topographic Information



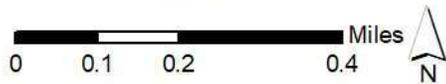
Topographic Information



Hydrologic Information

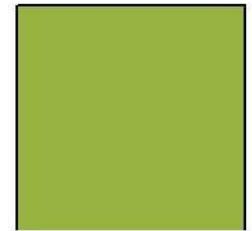


Wetland

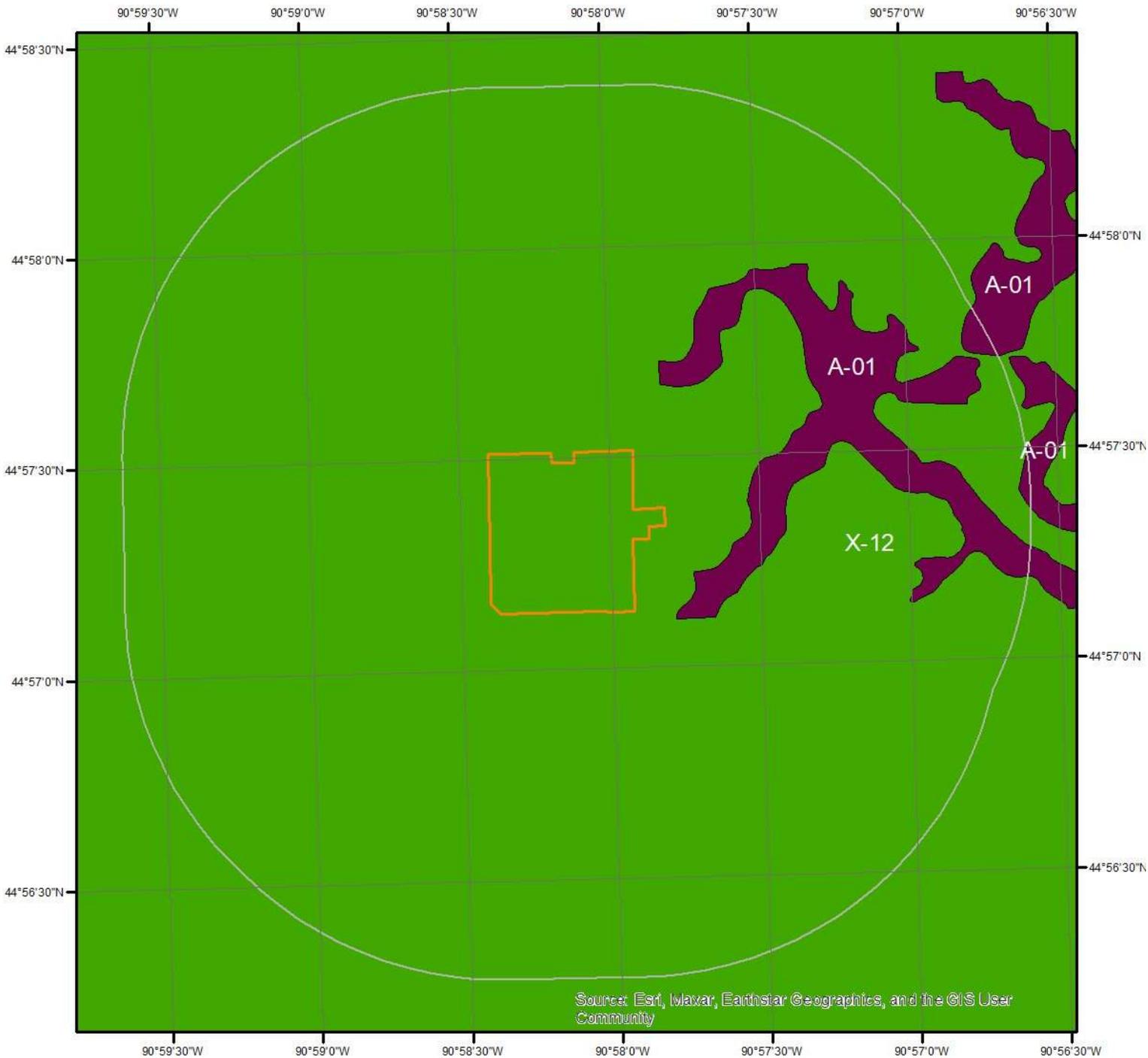


This map shows wetland existence using data from US Fish & Wildlife. Data coverage is shown to the right. Gray indicates no data available in the area.

- | | |
|---|---|
|  Estuarine and Marine Deepwater |  Freshwater Pond |
|  Estuarine and Marine Wetland |  Lake |
|  Freshwater Emergent Wetland |  Other |
|  Freshwater Forested/Shrub Wetland |  Riverine |



Hydrologic Information



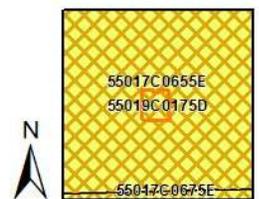
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Flood Hazard Zones



This map shows FEMA flood hazard zones. FIRM panels are shown to the right, and blank indicates no data is available.

- | | | |
|-----|----|-------------------|
| A | AO | X |
| A99 | V | OPEN WATER |
| AE | VE | NOT POPULATED |
| AH | D | AREA NOT INCLUDED |



Quadrangle(s): Bellinger, WI; Boyd, WI; Colburn, WI; Huron, WI; Stanley, WI; Thorp, WI



Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below. For detailed Zone descriptions please click the link: <https://floodadvocate.com/fema-zone-definitions>

Available FIRM Panels in area: 55017C0655E(effective:2010-03-02) 55019C0175D(effective:2010-07-06)

Flood Zone A-01

Zone: A

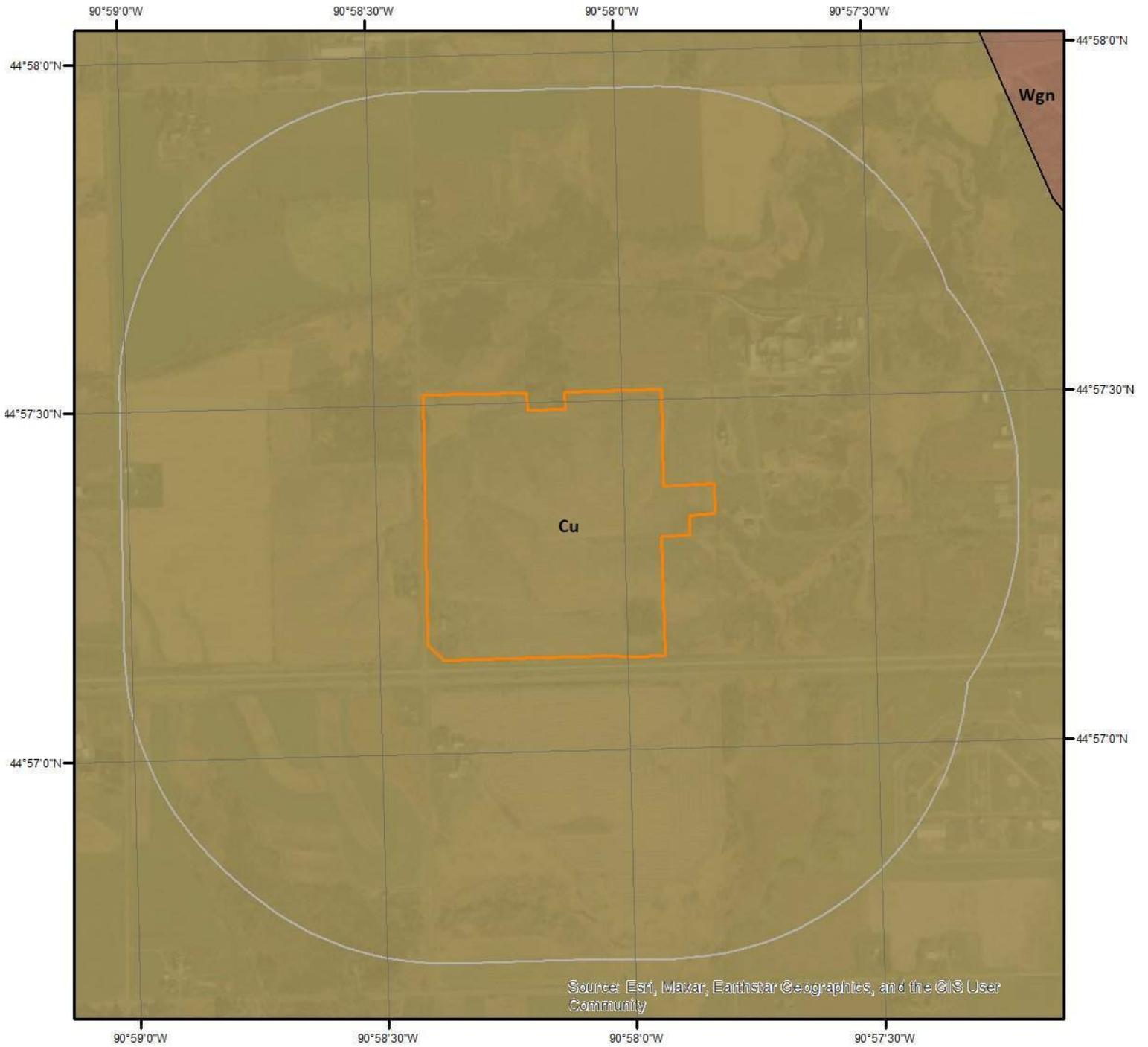
Zone subtype:

Flood Zone X-12

Zone: X

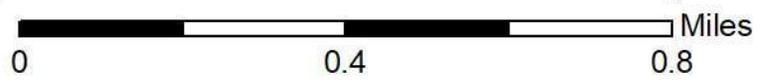
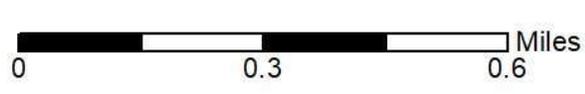
Zone subtype: AREA OF MINIMAL FLOOD HAZARD

Geologic Information



Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.



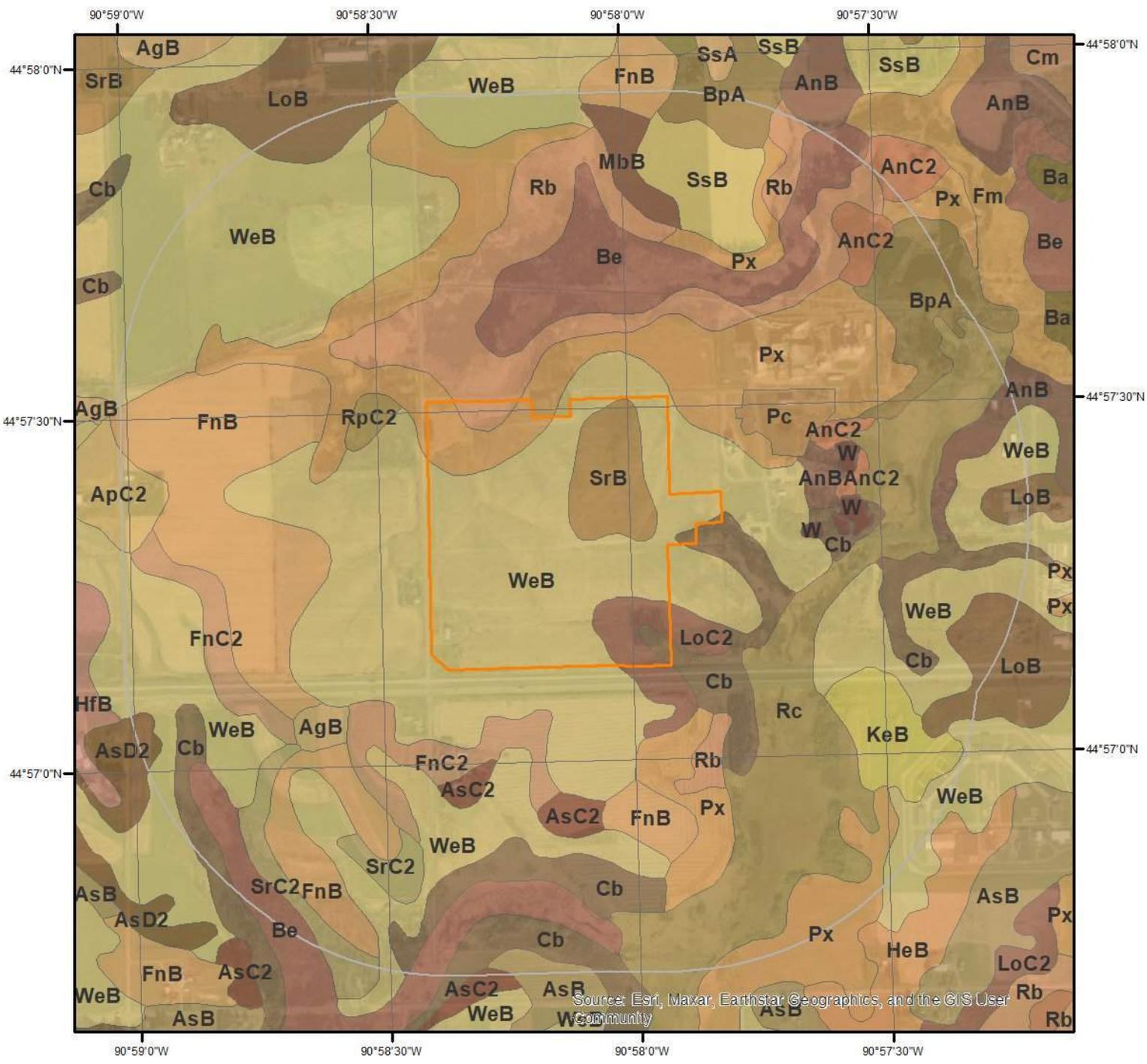
Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

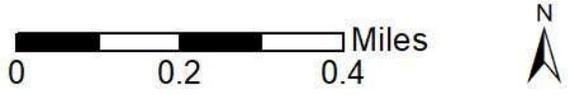
Geologic Unit Cu

Unit Name:	Cambrian, undivided
Unit Age:	Cambrian
Primary Rock Type:	sandstone
Secondary Rock Type:	dolostone (dolomite)
Unit Description:	Cambrian, undivided - Sandstone with some dolomite and shale, undivided; includes Trempealeau, Tunnel City, and Elk Mound Formations

Soil Information



SSURGO Soils



This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.



Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

Map Unit AgB (0.18%)

Map Unit Name: Almena silt loam, 1 to 6 percent slopes
Bedrock Depth - Min:
Watertable Depth - Annual Min: 15cm
Drainage Class - Dominant: Somewhat poorly drained
Hydrologic Group - Dominant: B/D - These soils have moderately low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Almena(100%)	
horizon Ap(0cm to 23cm)	Silt loam
horizon E,E/B,B/E(23cm to 61cm)	Silt loam
horizon Bt1,Bt2(61cm to 107cm)	Silt loam
horizon Bt3(107cm to 122cm)	Silt loam
horizon 2C(122cm to 152cm)	Gravelly sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: AgB - Almena silt loam, 0 to 3 percent slopes

Component: Almena (84%)

The Almena component makes up 84 percent of the map unit. Slopes are 0 to 3 percent. This component is on ground moraines on till plains. The parent material consists of loess and/or silty alluvium over dense loamy till. Depth to a root restrictive layer, densic material, is 59 to 79 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during April. Organic matter content in the surface horizon is about 8 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: Magnor (5%)

Generated brief soil descriptions are created for major soil components. The Magnor soil is a minor component.

Component: Auburndale (5%)

Generated brief soil descriptions are created for major soil components. The Auburndale soil is a minor component.

Component: Spencer (3%)

Generated brief soil descriptions are created for major soil components. The Spencer soil is a minor component.

Component: Freeon (3%)

Generated brief soil descriptions are created for major soil components. The Freeon soil is a minor component.

Map Unit AnB (2.0%)

Map Unit Name: Antigo silt loam, 1 to 6 percent slopes
Bedrock Depth - Min:
Watertable Depth - Annual Min:
Drainage Class - Dominant: Well drained
Hydrologic Group - Dominant: B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Antigo(100%)

Soil Information

horizon Ap(0cm to 25cm)	Silt loam
horizon E,E/B,B/E,Bt(25cm to 71cm)	Silt loam
horizon 2Bt3(71cm to 81cm)	Sandy loam
horizon 2C(81cm to 152cm)	Coarse sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: AnB - Antigo silt loam, 2 to 6 percent slopes

Component: Antigo (80%)

The Antigo component makes up 80 percent of the map unit. Slopes are 2 to 6 percent. This component is on hillslopes on outwash plains. The parent material consists of loess and/or silty glaciofluvial deposits over loamy glaciofluvial deposits over stratified sandy and gravelly outwash. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

Component: Sconsin (5%)

Generated brief soil descriptions are created for major soil components. The Sconsin soil is a minor component.

Component: Billyboy (5%)

Generated brief soil descriptions are created for major soil components. The Billyboy soil is a minor component.

Component: Rosholt (5%)

Generated brief soil descriptions are created for major soil components. The Rosholt soil is a minor component.

Component: Brill (3%)

Generated brief soil descriptions are created for major soil components. The Brill soil is a minor component.

Component: Ossmer (2%)

Generated brief soil descriptions are created for major soil components. The Ossmer soil is a minor component.

Map Unit AnC2 (0.77%)

Map Unit Name: Antigo silt loam, 6 to 12 percent slopes, eroded

Bedrock Depth - Min:

Watertable Depth - Annual Min:

Drainage Class - Dominant: Well drained

Hydrologic Group - Dominant: B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Antigo(100%)

horizon Ap(0cm to 25cm)	Silt loam
horizon E,E/B,B/E,Bt(25cm to 71cm)	Silt loam
horizon 2Bt3(71cm to 81cm)	Sandy loam
horizon 2C(81cm to 152cm)	Coarse sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: AnC2 - Antigo silt loam, 6 to 15 percent slopes

Component: Antigo (85%)

The Antigo component makes up 85 percent of the map unit. Slopes are 6 to 15 percent. This component is on hillslopes on outwash plains. The parent material consists of loess and/or silty glaciofluvial deposits over loamy glaciofluvial deposits over stratified sandy and gravelly outwash. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate.

Soil Information

Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 5 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.

Component: Rosholt (5%)

Generated brief soil descriptions are created for major soil components. The Rosholt soil is a minor component.

Component: Sconsin (5%)

Generated brief soil descriptions are created for major soil components. The Sconsin soil is a minor component.

Component: Chetek (3%)

Generated brief soil descriptions are created for major soil components. The Chetek soil is a minor component.

Component: Ossmer (2%)

Generated brief soil descriptions are created for major soil components. The Ossmer soil is a minor component.

Map Unit ApC2 (0.7%)

Map Unit Name:	Arland sandy loam, 6 to 12 percent slopes, eroded
Bedrock Depth - Min:	89cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Arland(100%)	
horizon Ap(0cm to 18cm)	Sandy loam
horizon Bt1(18cm to 28cm)	Sandy loam
horizon Bt2(28cm to 64cm)	Sandy loam
horizon BC,2C(64cm to 89cm)	Sandy loam
horizon 2Cr(89cm to 152cm)	Bedrock

Component Description:

Minor map unit components are excluded from this report.

Map Unit: ApC2 - Arland sandy loam, 6 to 12 percent slopes, eroded

Component: Arland (100%)

The Arland component makes up 100 percent of the map unit. Slopes are 6 to 12 percent. This component is on hills. The parent material consists of loamy till over sandstone and/or sandy residuum. Depth to a root restrictive layer, bedrock, paralithic, inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.

Map Unit AsB (0.49%)

Map Unit Name:	Arland loam, 2 to 6 percent slopes
Bedrock Depth - Min:	89cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Arland(100%)	
horizon Ap(0cm to 18cm)	Loam
horizon Bt1(18cm to 28cm)	Sandy loam

Soil Information

horizon Bt2(28cm to 64cm)	Sandy loam
horizon BC,2C(64cm to 89cm)	Sandy loam
horizon 2Cr(89cm to 152cm)	Bedrock

Component Description:

Minor map unit components are excluded from this report.

Map Unit: AsB - Arland loam, 2 to 6 percent slopes

Component: Arland (100%)

The Arland component makes up 100 percent of the map unit. Slopes are 2 to 6 percent. This component is on hills. The parent material consists of loamy till over sandstone and/or sandy residuum. Depth to a root restrictive layer, bedrock, paralithic, inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

Map Unit AsC2 (0.5%)

Map Unit Name:	Arland loam, 6 to 12 percent slopes, eroded
Bedrock Depth - Min:	89cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Arland(100%)	
horizon Ap(0cm to 18cm)	Loam
horizon Bt1(18cm to 28cm)	Sandy loam
horizon Bt2(28cm to 64cm)	Sandy loam
horizon BC,2C(64cm to 89cm)	Sandy loam
horizon 2Cr(89cm to 152cm)	Bedrock

Component Description:

Minor map unit components are excluded from this report.

Map Unit: AsC2 - Arland loam, 6 to 12 percent slopes, eroded

Component: Arland (100%)

The Arland component makes up 100 percent of the map unit. Slopes are 6 to 12 percent. This component is on hills. The parent material consists of loamy till over sandstone and/or sandy residuum. Depth to a root restrictive layer, bedrock, paralithic, inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.

Map Unit AsD2 (1.31%)

Map Unit Name:	Arland loam, 12 to 20 percent slopes, eroded
Bedrock Depth - Min:	89cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Arland(100%)

Soil Information

horizon Ap(0cm to 18cm)	Loam
horizon Bt1(18cm to 28cm)	Sandy loam
horizon Bt2(28cm to 64cm)	Sandy loam
horizon BC,2C(64cm to 89cm)	Sandy loam
horizon 2Cr(89cm to 152cm)	Bedrock

Component Description:

Minor map unit components are excluded from this report.

Map Unit: AsD2 - Arland loam, 12 to 20 percent slopes, eroded

Component: Arland (100%)

The Arland component makes up 100 percent of the map unit. Slopes are 12 to 20 percent. This component is on hills. The parent material consists of loamy till over sandstone and/or sandy residuum. Depth to a root restrictive layer, bedrock, paralithic, inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Map Unit Be (7.26%)

Map Unit Name:	Beseman muck, 0 to 1 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Very poorly drained
Hydrologic Group - Dominant:	C/D - These soils have moderately high runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Beseman(100%)

horizon Oe,Oa1,Oa2(0cm to 51cm)	Muck
horizon Cg(51cm to 152cm)	Loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Be - Beseman muck, 0 to 1 percent slopes

Component: Beseman (100%)

The Beseman component makes up 100 percent of the map unit. Slopes are 0 to 1 percent. This component is on depressions on ground moraines. The parent material consists of herbaceous organic material over silty drift and/or loamy drift. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is very high. Shrink-swell potential is moderate. This soil is not flooded. It is occasionally ponded. A seasonal zone of water saturation is at 0 inches during April, May, June, October, November. Organic matter content in the surface horizon is about 62 percent. Nonirrigated land capability classification is 7w. This soil meets hydric criteria.

Map Unit BpA (1.96%)

Map Unit Name:	Brill silt loam, 0 to 3 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	46cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	B/D - These soils have moderately low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Brill(100%)

Soil Information

horizon Ap(0cm to 20cm)	Silt loam
horizon E(20cm to 28cm)	Silt loam
horizon E/B(28cm to 33cm)	Silt loam
horizon B/E,Bt(33cm to 64cm)	Silt loam
horizon BC(64cm to 86cm)	Loam
horizon 2C(86cm to 152cm)	Sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: BpA - Brill silt loam, 0 to 3 percent slopes

Component: Brill (100%)

The Brill component makes up 100 percent of the map unit. Slopes are 0 to 3 percent. This component is on stream terraces, outwash plains. The parent material consists of loamy alluvium and/or silty drift over stratified sandy and gravelly outwash. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 18 inches during April. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2s. This soil does not meet hydric criteria.

Map Unit Cb (8.6%)

Map Unit Name:	Cable silt loam, 0 to 2 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Very poorly drained
Hydrologic Group - Dominant:	C/D - These soils have moderately high runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Cable(100%)

horizon A(0cm to 10cm)	Silt loam
horizon Eg,Bg1(10cm to 41cm)	Silt loam
horizon 2Bg2(41cm to 66cm)	Loam
horizon 2C1,2C2(66cm to 152cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Cb - Capitola-Cebana complex, 0 to 2 percent slopes, very stony

Component: Capitola (40%)

The Capitola, very stony component makes up 40 percent of the map unit. Slopes are 0 to 2 percent. This component is on depressions on ground moraines on till plains. The parent material consists of silty alluvium and/or loamy alluvium over dense sandy loam till. Depth to a root restrictive layer, densic material, is 20 to 39 inches (depth from the mineral surface is 20 to 33 inches). The natural drainage class is very poorly drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during April, May, November. Organic matter content in the surface horizon is about 65 percent. Nonirrigated land capability classification is 7w. This soil meets hydric criteria.

Component: Cebana (30%)

The Cebana, very stony component makes up 30 percent of the map unit. Slopes are 0 to 2 percent. This component is on ground moraines on till plains. The parent material consists of silty loess and/or silty lacustrine deposits over dense loamy till. Depth to a root restrictive layer, densic material, is 39 to 59 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during April, May, November. Organic matter content in the surface horizon is about 10 percent. Nonirrigated land capability classification is 6w. This soil meets hydric criteria.

Component: Cathro (10%)

Generated brief soil descriptions are created for major soil components. The Cathro soil is a minor component.

Soil Information

Component: Magnor (10%)

Generated brief soil descriptions are created for major soil components. The Magnor soil is a minor component.

Component: Auburndale (5%)

Generated brief soil descriptions are created for major soil components. The Auburndale soil is a minor component.

Component: Capitola (3%)

Generated brief soil descriptions are created for major soil components. The Capitola soil is a minor component.

Component: Cebana (2%)

Generated brief soil descriptions are created for major soil components. The Cebana soil is a minor component.

Map Unit FnB (5.35%)

Map Unit Name: Freeon silt loam, 2 to 6 percent slopes

Bedrock Depth - Min:

Watertable Depth - Annual Min: 30cm

Drainage Class - Dominant: Moderately well drained

Hydrologic Group - Dominant: C/D - These soils have moderately high runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Freeon(100%)

horizon Ap(0cm to 20cm)	Silt loam
horizon E,E/B,Bt1(20cm to 58cm)	Silt loam
horizon 2Bt2,2Bt3(58cm to 97cm)	Sandy loam
horizon 2C(97cm to 152cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: FnB - Freeon silt loam, 2 to 6 percent slopes

Component: Freeon (80%)

The Freeon component makes up 80 percent of the map unit. Slopes are 2 to 6 percent. This component is on ground moraines on till plains. The parent material consists of loess and/or silty lacustrine deposits over dense sandy loam till. Depth to a root restrictive layer, densic material, is 39 to 59 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during April. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

Component: Magnor (10%)

Generated brief soil descriptions are created for major soil components. The Magnor soil is a minor component.

Component: Santiago (3%)

Generated brief soil descriptions are created for major soil components. The Santiago soil is a minor component.

Component: Capitola (3%)

Generated brief soil descriptions are created for major soil components. The Capitola soil is a minor component.

Component: Freeon (2%)

Generated brief soil descriptions are created for major soil components. The Freeon soil is a minor component.

Component: Haugen (2%)

Generated brief soil descriptions are created for major soil components. The Haugen soil is a minor component.

Map Unit FnC2 (1.49%)

Map Unit Name: Freeon silt loam, 6 to 12 percent slopes, eroded

Soil Information

Bedrock Depth - Min:

Watertable Depth - Annual Min: 30cm

Drainage Class - Dominant: Moderately well drained

Hydrologic Group - Dominant: C/D - These soils have moderately high runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Freeon(100%)

horizon Ap(0cm to 20cm)	Silt loam
horizon E,E/B,Bt1(20cm to 58cm)	Silt loam
horizon 2Bt2,2Bt3(58cm to 97cm)	Sandy loam
horizon 2C(97cm to 152cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: FnC2 - Freeon silt loam, 6 to 12 percent slopes

Component: Freeon (85%)

The Freeon component makes up 85 percent of the map unit. Slopes are 6 to 12 percent. This component is on ground moraines on till plains. The parent material consists of loess and/or silty lacustrine deposits over dense sandy loam till. Depth to a root restrictive layer, densic material, is 39 to 59 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during April. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.

Component: Magnor (5%)

Generated brief soil descriptions are created for major soil components. The Magnor soil is a minor component.

Component: Santiago (4%)

Generated brief soil descriptions are created for major soil components. The Santiago soil is a minor component.

Component: Freeon (2%)

Generated brief soil descriptions are created for major soil components. The Freeon soil is a minor component.

Component: Amery (2%)

Generated brief soil descriptions are created for major soil components. The Amery soil is a minor component.

Component: Capitola (2%)

Generated brief soil descriptions are created for major soil components. The Capitola soil is a minor component.

Map Unit KeB (0.87%)

Map Unit Name: Kert silt loam, 1 to 6 percent slopes

Bedrock Depth - Min: 102cm

Watertable Depth - Annual Min: 46cm

Drainage Class - Dominant: Somewhat poorly drained

Hydrologic Group - Dominant: B/D - These soils have moderately low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Kert(100%)

horizon Ap(0cm to 20cm)	Silt loam
horizon E,E/B(20cm to 56cm)	Silt loam
horizon 2Bt1(56cm to 71cm)	Silt loam
horizon 2Bt2(71cm to 102cm)	Silty clay loam
horizon 3Cr1,3Cr2(102cm to 152cm)	Weathered bedrock

Component Description:

Soil Information

Minor map unit components are excluded from this report.

Map Unit: KeB - Kert silt loam, 1 to 6 percent slopes

Component: Kert (99%)

The Kert component makes up 99 percent of the map unit. Slopes are 1 to 6 percent. This component is on hills. The parent material consists of silty drift and/or loamy drift over silty residuum and/or sandy residuum and/or clayey residuum over weathered sandstone and/or interbedded shale. Depth to a root restrictive layer, bedrock, paralithic, inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 18 inches during March, April, May, June, October, November, December. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

Component: Vesper (1%)

Generated brief soil descriptions are created for major soil components. The Vesper soil is a minor component.

Map Unit LoB (5.16%)

Map Unit Name: Loyal silt loam, 1 to 6 percent slopes

Bedrock Depth - Min:

Watertable Depth - Annual Min: 30cm

Drainage Class - Dominant: Moderately well drained

Hydrologic Group - Dominant: C/D - These soils have moderately high runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Loyal(90%)

horizon Ap(0cm to 23cm)	Silt loam
horizon E(23cm to 36cm)	Silt loam
horizon E/B(36cm to 51cm)	Silt loam
horizon 2B/E(51cm to 61cm)	Loam
horizon 2Bt1(61cm to 91cm)	Loam
horizon 2Bt2(91cm to 114cm)	Loam
horizon 2Cd(114cm to 200cm)	Loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: LoB - Loyal silt loam, 1 to 6 percent slopes

Component: Loyal (90%)

The Loyal component makes up 90 percent of the map unit. Slopes are 1 to 6 percent. This component is on ground moraines on till plains. The parent material consists of silty alluvium and/or loess over dense loamy till. Depth to a root restrictive layer, densic material, is 40 to 64 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during April. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

Component: Withee (6%)

Generated brief soil descriptions are created for major soil components. The Withee soil is a minor component.

Component: Rietbrock (2%)

Generated brief soil descriptions are created for major soil components. The Rietbrock soil is a minor component.

Component: Fenwood (2%)

Generated brief soil descriptions are created for major soil components. The Fenwood soil is a minor component.

Map Unit LoC2 (0.77%)

Soil Information

Map Unit Name: Loyal silt loam, 6 to 12 percent slopes
Bedrock Depth - Min:
Watertable Depth - Annual Min: 30cm
Drainage Class - Dominant: Moderately well drained
Hydrologic Group - Dominant: C/D - These soils have moderately high runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Loyal(90%)

horizon Ap(0cm to 23cm)	Silt loam
horizon E(23cm to 36cm)	Silt loam
horizon E/B(36cm to 51cm)	Silt loam
horizon 2B/E(51cm to 61cm)	Loam
horizon 2Bt1(61cm to 91cm)	Loam
horizon 2Bt2(91cm to 114cm)	Loam
horizon 2Cd(114cm to 200cm)	Loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: LoC2 - Loyal silt loam, 6 to 12 percent slopes

Component: Loyal (90%)

The Loyal component makes up 90 percent of the map unit. Slopes are 6 to 12 percent. This component is on ground moraines on till plains. The parent material consists of silty alluvium and/or loess over dense loamy till. Depth to a root restrictive layer, densic material, is 40 to 64 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during April. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.

Component: Freeon (4%)

Generated brief soil descriptions are created for major soil components. The Freeon soil is a minor component.

Component: Hiles (3%)

Generated brief soil descriptions are created for major soil components. The Hiles soil is a minor component.

Component: Fenwood (3%)

Generated brief soil descriptions are created for major soil components. The Fenwood soil is a minor component.

Map Unit MbB (0.39%)

Map Unit Name: Magnor silt loam, 1 to 6 percent slopes
Bedrock Depth - Min:
Watertable Depth - Annual Min: 15cm
Drainage Class - Dominant: Somewhat poorly drained
Hydrologic Group - Dominant: C/D - These soils have moderately high runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Magnor(100%)

horizon Ap(0cm to 20cm)	Silt loam
horizon E(20cm to 28cm)	Silt loam
horizon E/B,B/E(28cm to 46cm)	Silt loam
horizon 2Bt1,2Bt2(46cm to 81cm)	Sandy loam
horizon 2C(81cm to 152cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Soil Information

Map Unit: MbB - Magnor silt loam, 0 to 4 percent slopes

Component: Magnor (80%)

The Magnor component makes up 80 percent of the map unit. Slopes are 0 to 4 percent. This component is on ground moraines on till plains. The parent material consists of loess and/or silty lacustrine deposits over dense sandy loam till. Depth to a root restrictive layer, densic material, is 39 to 59 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during April. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: Freeon (8%)

Generated brief soil descriptions are created for major soil components. The Freeon soil is a minor component.

Component: Cebana (4%)

Generated brief soil descriptions are created for major soil components. The Cebana soil is a minor component.

Component: Magnor (2%)

Generated brief soil descriptions are created for major soil components. The Magnor soil is a minor component.

Component: Pesabic (2%)

Generated brief soil descriptions are created for major soil components. The Pesabic soil is a minor component.

Component: Capitola (2%)

Generated brief soil descriptions are created for major soil components. The Capitola soil is a minor component.

Component: Almena (2%)

Generated brief soil descriptions are created for major soil components. The Almena soil is a minor component.

Map Unit Pc (0.41%)

Map Unit Name: Pits, gravel

Bedrock Depth - Min:

Watertable Depth - Annual Min:

Drainage Class - Dominant:

Hydrologic Group - Dominant:

Major components are printed below

Pits(99%)

horizon H1(0cm to 25cm)

Stratified extremely gravelly coarse sand to very gravelly sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Pc - Pits, gravel

Component: Pits (99%)

Generated brief soil descriptions are created for major soil components. The Pits is a miscellaneous area.

Component: Aquentis (1%)

Generated brief soil descriptions are created for major soil components. The Aquentis soil is a minor component.

Map Unit Px (8.35%)

Map Unit Name: Poskin silt loam, 0 to 2 percent slopes

Bedrock Depth - Min:

Watertable Depth - Annual Min: 15cm

Drainage Class - Dominant: Somewhat poorly drained

Hydrologic Group - Dominant: B/D - These soils have moderately low runoff potential when drained and high runoff potential when undrained.

Soil Information

Major components are printed below

Poskin(100%)	
horizon Ap(0cm to 25cm)	Silt loam
horizon E(25cm to 36cm)	Silt loam
horizon E/B,B/E(36cm to 58cm)	Silt loam
horizon Bt1(58cm to 74cm)	Silt loam
horizon 2Bt2(74cm to 97cm)	Sandy loam
horizon 2C(97cm to 152cm)	Stratified sand to g

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Px - Poskin silt loam, 0 to 2 percent slopes

Component: Poskin (99%)

The Poskin component makes up 99 percent of the map unit. Slopes are 0 to 2 percent. This component is on depressions on outwash plains. The parent material consists of loamy drift and/or silty drift over sandy and gravelly outwash. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during April. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: Rib (1%)

Generated brief soil descriptions are created for major soil components. The Rib soil is a minor component.

Map Unit Rb (3.6%)

Map Unit Name:	Rib silt loam, 0 to 2 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Poorly drained
Hydrologic Group - Dominant:	B/D - These soils have moderately low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Rib(100%)	
horizon Ap(0cm to 20cm)	Silt loam
horizon Bg1,Bg2,Bg3(20cm to 71cm)	Silt loam
horizon 2Bg4(71cm to 84cm)	Loam
horizon 2C(84cm to 152cm)	Stratified coarse sand to loamy sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Rb - Rib silt loam, 0 to 2 percent slopes

Component: Rib (100%)

The Rib component makes up 100 percent of the map unit. Slopes are 0 to 2 percent. This component is on drainageways on outwash plains. The parent material consists of loamy drift and/or silty drift over stratified sandy and gravelly outwash. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 7 percent. Nonirrigated land capability classification is 2w. This soil meets hydric criteria.

Map Unit Rc (7.05%)

Soil Information

Map Unit Name: Rib mucky silt loam, ponded, 0 to 2 percent slopes
Bedrock Depth - Min:
Watertable Depth - Annual Min: 0cm
Drainage Class - Dominant: Poorly drained
Hydrologic Group - Dominant: B/D - These soils have moderately low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Rib(100%)
horizon A(0cm to 38cm) Silt loam
horizon Bg1,2,3,2Bg4(38cm to 112cm) Silt loam
horizon 2C(112cm to 152cm) Stratified coarse sand to loamy sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Rc - Rib mucky silt loam, ponded, 0 to 2 percent slopes

Component: Rib (100%)

The Rib, ponded component makes up 100 percent of the map unit. Slopes are 0 to 2 percent. This component is on depressions on outwash plains. The parent material consists of loamy drift and/or silty drift over stratified sandy and gravelly outwash. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 15 percent. Nonirrigated land capability classification is 6w. This soil meets hydric criteria.

Map Unit RpC2 (0.16%)

Map Unit Name: Rosholt loam, 6 to 12 percent slopes, eroded
Bedrock Depth - Min:
Watertable Depth - Annual Min:
Drainage Class - Dominant: Well drained
Hydrologic Group - Dominant: B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Rosholt(100%)
horizon Ap(0cm to 20cm) Loam
horizon E(20cm to 38cm) Fine sandy loam
horizon B/E,Bt1,Bt2(38cm to 71cm) Fine sandy loam
horizon 2Bt3(71cm to 86cm) Gravelly loamy sand
horizon 2C(86cm to 152cm) Stratified coarse sand to sand

Map Unit SrB (0.81%)

Map Unit Name: Spencer silt loam, 2 to 6 percent slopes
Bedrock Depth - Min:
Watertable Depth - Annual Min: 91cm
Drainage Class - Dominant: Moderately well drained
Hydrologic Group - Dominant: C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Spencer(100%)
horizon Ap(0cm to 23cm) Silt loam
horizon E(23cm to 30cm) Silt loam

Soil Information

horizon E/B,B/E(30cm to 51cm)	Silt loam
horizon Bt1,Bt2,C1(51cm to 107cm)	Silt loam
horizon 2C2(107cm to 152cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: SrB - Spencer silt loam, 2 to 6 percent slopes

Component: Spencer (100%)

The Spencer component makes up 100 percent of the map unit. Slopes are 2 to 6 percent. This component is on ground moraines. The parent material consists of silty drift over sandy loam till. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 36 inches during March, April, May, October, November, December. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

Map Unit SrC2 (0.86%)

Map Unit Name:	Spencer silt loam, 6 to 12 percent slopes, eroded
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	91cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Spencer(100%)

horizon Ap(0cm to 23cm)	Silt loam
horizon E(23cm to 30cm)	Silt loam
horizon E/B,B/E(30cm to 51cm)	Silt loam
horizon Bt1,Bt2,C1(51cm to 107cm)	Silt loam
horizon 2C2(107cm to 152cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: SrC2 - Spencer silt loam, 6 to 12 percent slopes, eroded

Component: Spencer (100%)

The Spencer component makes up 100 percent of the map unit. Slopes are 6 to 12 percent. This component is on ground moraines. The parent material consists of silty drift over sandy loam till. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 36 inches during March, April, May, October, November, December. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.

Map Unit SsB (0.98%)

Map Unit Name:	Spencer silt loam, gravelly substratum, 2 to 6 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	91cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Spencer(100%)

Soil Information

horizon Ap(0cm to 20cm)	Silt loam
horizon E,E/B,B/E,Bt(20cm to 127cm)	Silt loam
horizon 2C2(127cm to 152cm)	Gravelly sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: SsB - Spencer silt loam, gravelly substratum, 2 to 6 percent slopes

Component: Spencer (100%)

The Spencer, gravelly substratum component makes up 100 percent of the map unit. Slopes are 2 to 6 percent. This component is on end moraines. The parent material consists of silty drift over sandy loam till. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 36 inches during March, April, May, October, November, December. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

Map Unit W (0.17%)

Map Unit Name: Water

No more attributes available for this map unit

Component Description:

Minor map unit components are excluded from this report.

Map Unit: W - Water

Component: Water (100%)

Generated brief soil descriptions are created for major soil components. The Water is a miscellaneous area.

Map Unit WeB (39.83%)

Map Unit Name: Withee silt loam, 0 to 3 percent slopes

Bedrock Depth - Min:

Watertable Depth - Annual Min: 15cm

Drainage Class - Dominant: Somewhat poorly drained

Hydrologic Group - Dominant: C/D - These soils have moderately high runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Withee(83%)

horizon Ap(0cm to 23cm)	Silt loam
horizon E(23cm to 36cm)	Silt loam
horizon E/B(36cm to 46cm)	Silt loam
horizon B/E(46cm to 61cm)	Silt loam
horizon 2Bt1(61cm to 86cm)	Loam
horizon 2Bt2(86cm to 119cm)	Loam
horizon 2Cd(119cm to 200cm)	Loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: WeB - Withee silt loam, 0 to 3 percent slopes

Component: Withee (83%)

The Withee component makes up 83 percent of the map unit. Slopes are 0 to 3 percent. This component is on ground moraines on till plains. The parent material consists of loess and/or silty alluvium over dense loamy till. Depth to a root restrictive layer, densic

Soil Information

material, is 40 to 64 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during April. Organic matter content in the surface horizon is about 4 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: Marshfield (10%)

Generated brief soil descriptions are created for major soil components. The Marshfield soil is a minor component.

Component: Loyal (5%)

Generated brief soil descriptions are created for major soil components. The Loyal soil is a minor component.

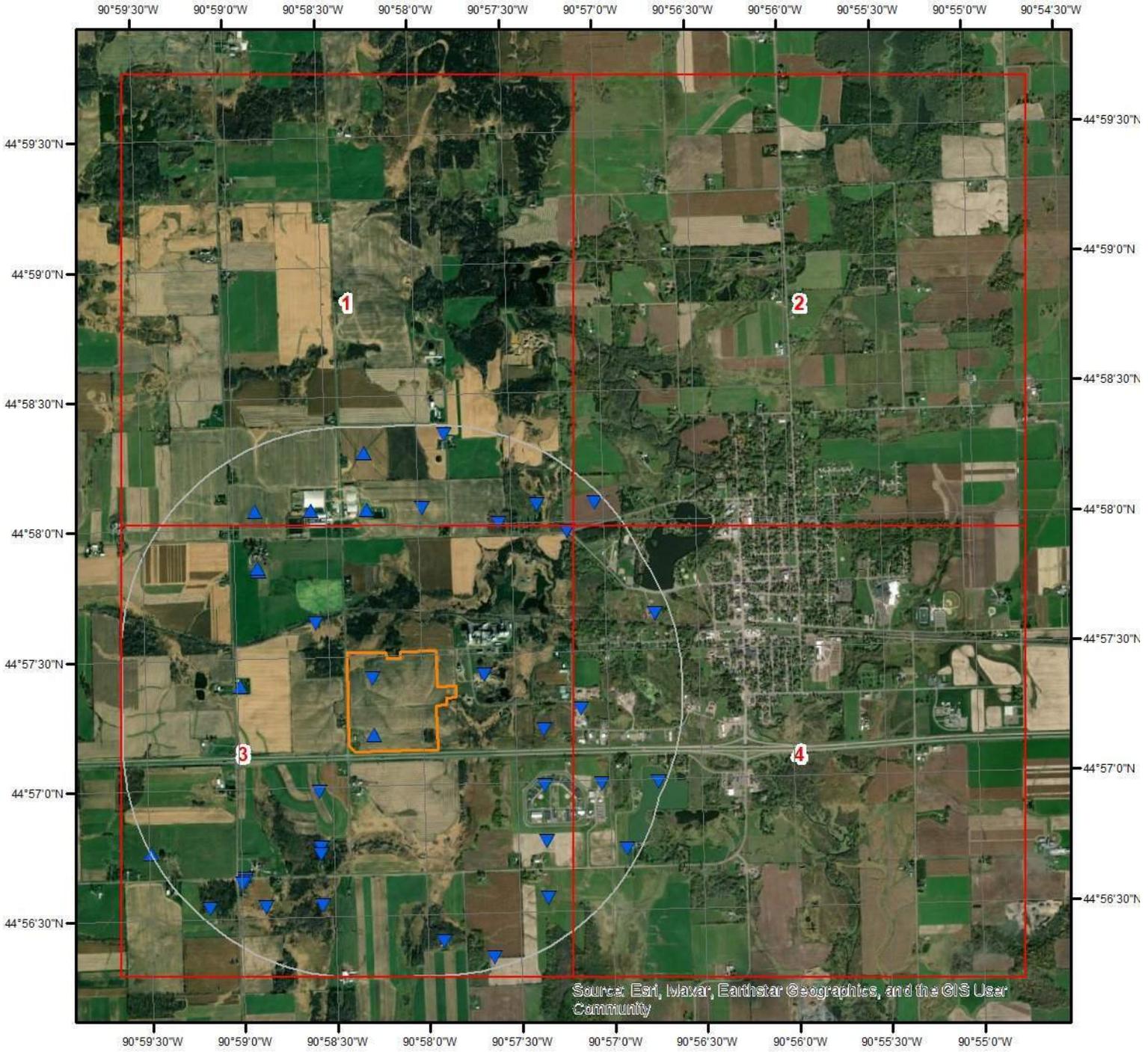
Component: Rietbrock (1%)

Generated brief soil descriptions are created for major soil components. The Rietbrock soil is a minor component.

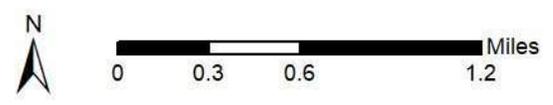
Component: Magnor (1%)

Generated brief soil descriptions are created for major soil components. The Magnor soil is a minor component.

Wells and Additional Sources



Wells & Additional Sources



- | | |
|--------------------------------|------------------------------------|
| ▲ Sites with Higher Elevation | ▲ OGW Sites with Higher Elevation |
| ■ Sites with Same Elevation | ■ OGW Sites with Same Elevation |
| ▼ Sites with Lower Elevation | ▼ OGW Sites with Lower Elevation |
| ○ Sites with Unknown Elevation | ● OGW Sites with Unknown Elevation |

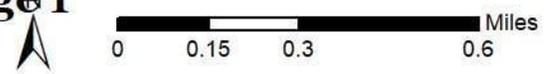


Wells and Additional Sources



Source: Esri, Imagar, Earthstar Geographics, and the GIS User Community

Wells & Additional Sources - Page 1



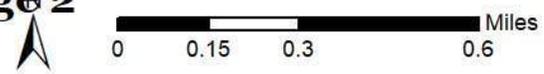
- | | |
|--------------------------------|------------------------------------|
| ▲ Sites with Higher Elevation | ▲ OGW Sites with Higher Elevation |
| ■ Sites with Same Elevation | ■ OGW Sites with Same Elevation |
| ▼ Sites with Lower Elevation | ▼ OGW Sites with Lower Elevation |
| ○ Sites with Unknown Elevation | ● OGW Sites with Unknown Elevation |



Wells and Additional Sources



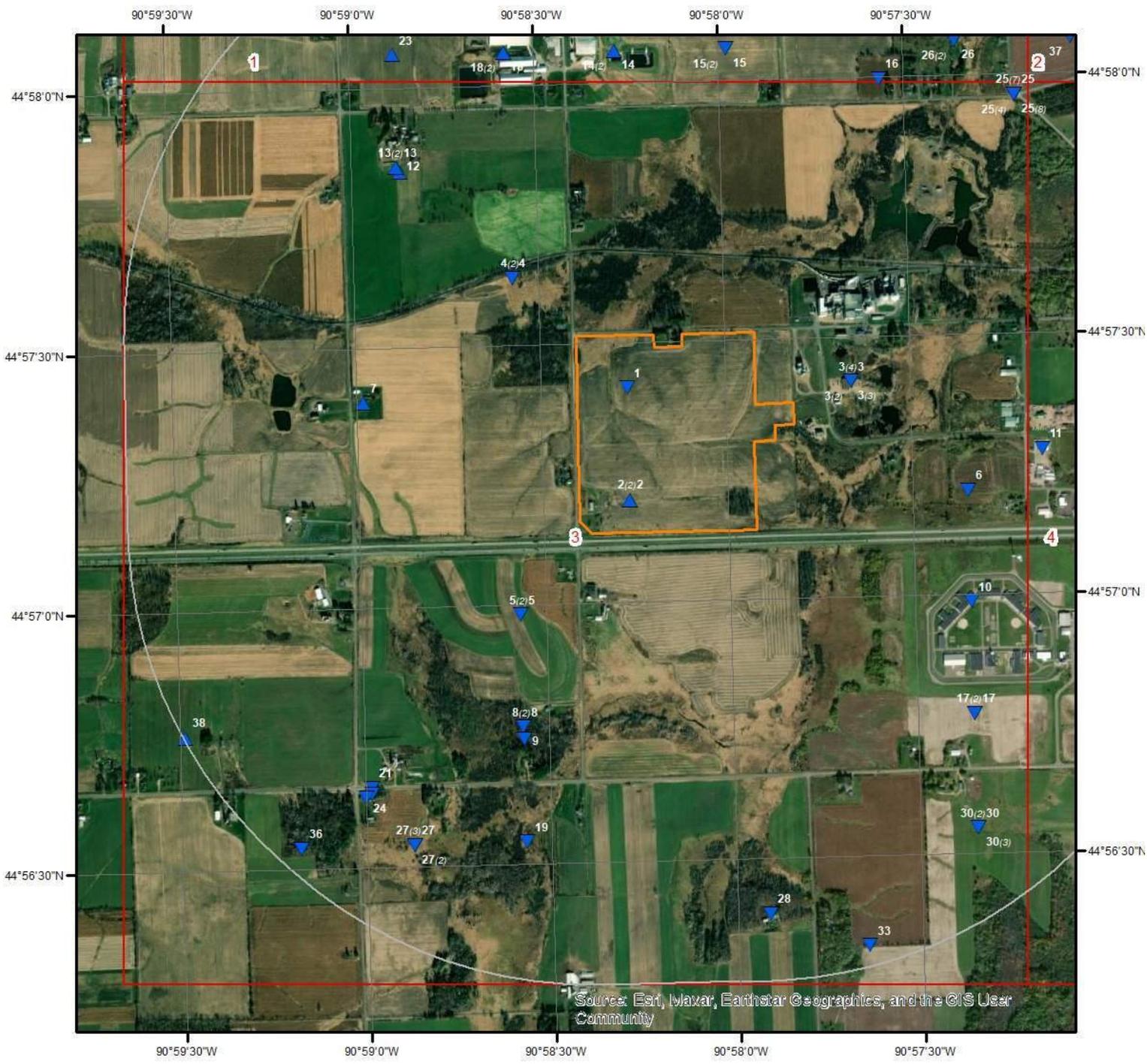
Wells & Additional Sources - Page 2



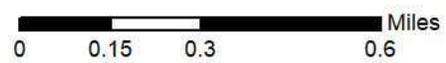
- | | |
|--------------------------------|------------------------------------|
| ▲ Sites with Higher Elevation | ▲ OGW Sites with Higher Elevation |
| ■ Sites with Same Elevation | ■ OGW Sites with Same Elevation |
| ▼ Sites with Lower Elevation | ▼ OGW Sites with Lower Elevation |
| ○ Sites with Unknown Elevation | ● OGW Sites with Unknown Elevation |



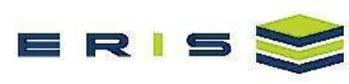
Wells and Additional Sources



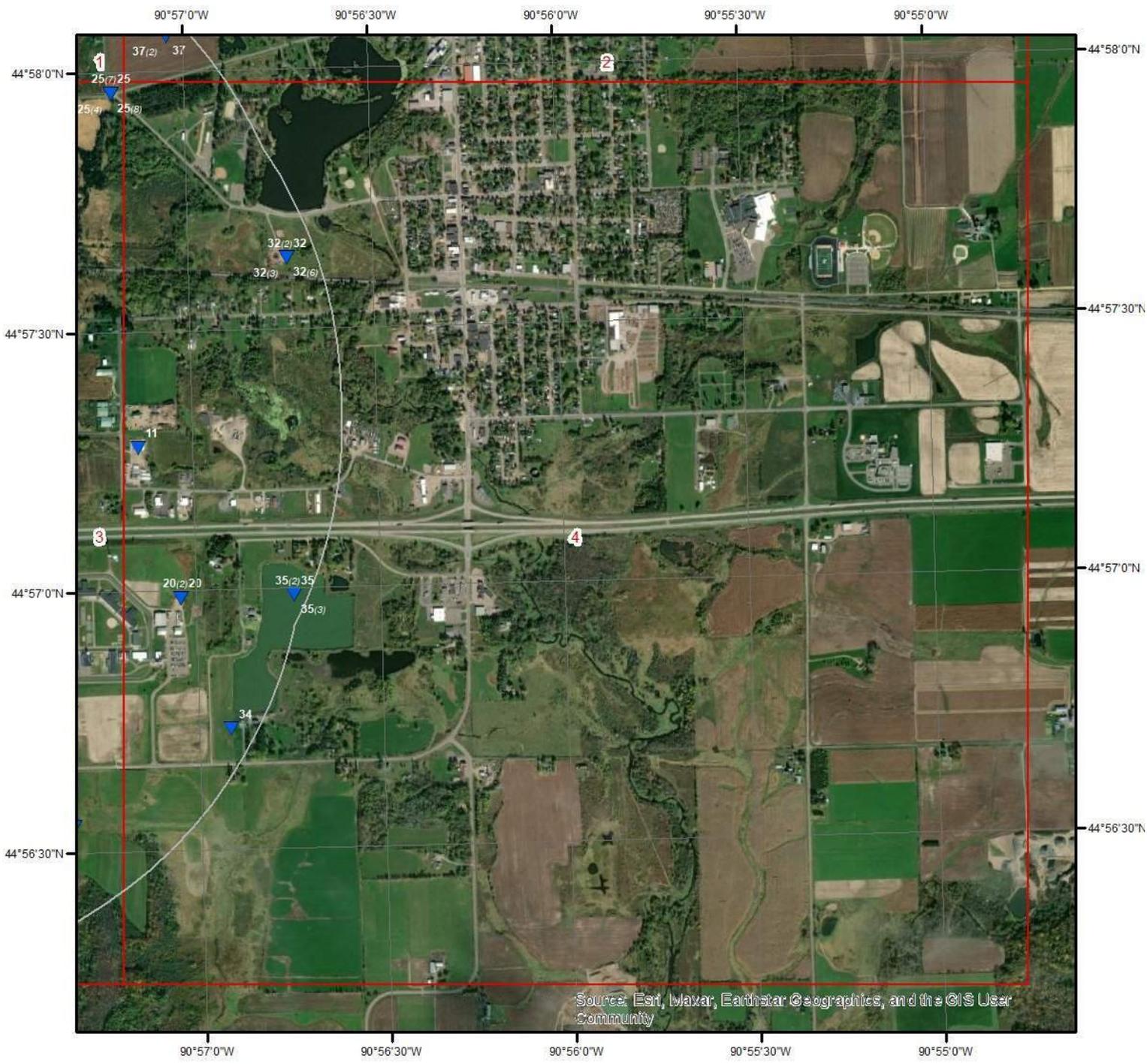
Wells & Additional Sources - Page 3



- | | |
|--------------------------------|------------------------------------|
| ▲ Sites with Higher Elevation | ▲ OGW Sites with Higher Elevation |
| ■ Sites with Same Elevation | ■ OGW Sites with Same Elevation |
| ▼ Sites with Lower Elevation | ▼ OGW Sites with Lower Elevation |
| ○ Sites with Unknown Elevation | ● OGW Sites with Unknown Elevation |



Wells and Additional Sources



Wells & Additional Sources - Page 4



- | | |
|--------------------------------|------------------------------------|
| ▲ Sites with Higher Elevation | ▲ OGW Sites with Higher Elevation |
| ■ Sites with Same Elevation | ■ OGW Sites with Same Elevation |
| ▼ Sites with Lower Elevation | ▼ OGW Sites with Lower Elevation |
| ○ Sites with Unknown Elevation | ● OGW Sites with Unknown Elevation |



Wells and Additional Sources Summary

Federal Sources

Public Water Systems Violations and Enforcement Data

Map Key	PWS ID	Distance (ft)	Direction
22	WI6090702	3994.81	SW

Safe Drinking Water Information System (SDWIS)

Map Key	ID	Distance (ft)	Direction
No records found			

USGS National Water Information System

Map Key	ID	Distance (ft)	Direction
No records found			

Wells from NWIS

Map Key	ID	Distance (ft)	Direction
No records found			

State Sources

Historic Well Construction Reports (1930-1989)

Map Key	WID	Distance (ft)	Direction
2	9505461	0.00	-
3	9505091	709.26	ENE
3	9505463	709.26	ENE
4	9505453	1006.13	NW
5	9505161	1265.12	SW
8	9505233	2406.03	SSW
13	9505454	2877.03	NW
14	9505213	3333.50	N
15	9505455	3319.74	N
17	9505476	3332.88	SE
20	9505089	3920.10	ESE
25	9505252	4120.07	NE
25	9505251	4120.07	NE
26	9505210	4131.97	NE
27	9502300	4199.96	SSW
29	9505214	4659.27	N
30	9505133	4348.25	SE
32	9505220	4932.76	ENE
32	9505245	4932.76	ENE
32	9505243	4932.76	ENE
35	9505090	5126.85	ESE
37	9505451	5056.01	NE

Wells and Additional Sources Summary

Oil and Gas Wells

Map Key	ID	Distance (ft)	Direction
No records found			

Public Water Supply Systems

Map Key	DNR PWS ID	Distance (ft)	Direction
21	60907022	3942.04	SW

Well Construction Report

Map Key	WI Unique Well No	Distance (ft)	Direction
1	LM946	0.00	-
2	8BA174	0.00	-
3	8BA176	709.26	ENE
3	8LM336	709.26	ENE
4	8BA168	1006.13	NW
5	8BC460	1265.12	SW
6	MY799	2177.87	E
7	AAD819	2496.00	W
8	8BC459	2406.03	SSW
9	SX515	2534.77	SSW
10	MT248	2650.78	ESE
11	YY192	2919.43	E
12	UX232	2814.04	NW
13	8BA169	2877.03	NW
14	8BC448	3333.50	N
15	8BA170	3319.74	N
16	UX162	3295.69	NNE
17	8BA175	3332.88	SE
18	SG663	3423.91	NNW
18	MK033	3423.91	NNW
19	KZ723	3693.60	SSW
20	8BC461	3920.10	ESE
23	UV609	3936.40	NW
24	ZX238	4074.45	SW
25	WR569	4120.07	NE
25	8BC441	4120.07	NE
25	WR566	4120.07	NE
25	XB124	4120.07	NE
25	QM019	4120.07	NE
25	QZ438	4120.07	NE
25	WS645	4120.07	NE
25	8BC440	4120.07	NE
25	QM040	4120.07	NE
25	WR565	4120.07	NE
25	QM041	4120.07	NE
25	XB126	4120.07	NE
26	8BC445	4131.97	NE
27	NN082	4199.96	SSW
27	8BA813	4199.96	SSW
28	QZ363	4496.23	SSE
29	8BC449	4659.27	N
29	XL716	4659.27	N
30	DS293	4348.25	SE
30	8AZ674	4348.25	SE
31	UV629	5048.50	N
32	8BC443	4932.76	ENE
32	8BC444	4932.76	ENE
32	8BC442	4932.76	ENE

Wells and Additional Sources Summary

33	NJ207	5045.43	SSE
34	YA969	5008.02	ESE
35	8BC462	5126.85	ESE
35	MY658	5126.85	ESE
36	FP106	5014.19	SW
37	8BA166	5056.01	NE
38	MY670	5255.47	WSW

Well Inventory

Map Key	ID	Distance (ft)	Direction
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No records found

Wells and Additional Sources Detail Report

Public Water Systems Violations and Enforcement Data

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SW	0.76	3,994.81	1,123.98	PWSV

Address Line 2:

State Code: WI
 Zip Code: 54768
 City Name: Stanley
 Address Line 1: 34027 CTH X
 PWS ID: WI6090702
 PWS Type Code: TNCWS
 PWS Type Description: Transient Non-Community Water System
 Primary Source Code: GW
 Primary Source Desc: Groundwater
 PWS Activity Code: A
 PWS Activity Description: Active
 PWS Deactivation Date:
 Phone Number:

--Details--

Population Served Count: 50
 City Served: STANLEY
 County Served: Chippewa
 State Served: WI
 Zip Code Served:

Historic Well Construction Reports (1930-1989)

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	-	0.00	0.00	1,137.41	WATER WELLS

WID: 9505461 Latitude: 44.95329
 Depth to Bedrock: Longitude: -90.97118
 County Name: CHIPPEWA

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	ENE	0.13	709.26	1,090.00	WATER WELLS

WID: 9505091 Latitude: 44.956907
 Depth to Bedrock: Longitude: -90.961098
 County Name: CHIPPEWA

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	ENE	0.13	709.26	1,090.00	WATER WELLS

Wells and Additional Sources Detail Report

WID: 9505463 Latitude: 44.956907
 Depth to Bedrock: Longitude: -90.961098
 County Name: CHIPPEWA

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	NW	0.19	1,006.13	1,101.87	WATER WELLS

WID: 9505453 Latitude: 44.960488
 Depth to Bedrock: Longitude: -90.976249
 County Name: CHIPPEWA

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.24	1,265.12	1,117.39	WATER WELLS

WID: 9505161 Latitude: 44.949681
 Depth to Bedrock: Longitude: -90.976219
 County Name: CHIPPEWA

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	SSW	0.46	2,406.03	1,098.73	WATER WELLS

WID: 9505233 Latitude: 44.946075
 Depth to Bedrock: Longitude: -90.97622
 County Name: CHIPPEWA

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	NW	0.54	2,877.03	1,145.75	WATER WELLS

WID: 9505454 Latitude: 44.964132
 Depth to Bedrock: Longitude: -90.98134
 County Name: CHIPPEWA

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	N	0.63	3,333.50	1,136.61	WATER WELLS

WID: 9505213 Latitude: 44.967721
 Depth to Bedrock: Longitude: -90.971378
 County Name: CHIPPEWA

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	N	0.63	3,319.74	1,119.41	WATER WELLS

Wells and Additional Sources Detail Report

WID: 9502300 Latitude: 44.942369
 Depth to Bedrock: Longitude: -90.981277
 County Name: CHIPPEWA

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
29	N	0.88	4,659.27	1,147.95	WATER WELLS

WID: 9505214 Latitude: 44.971358
 Depth to Bedrock: Longitude: -90.97145
 County Name: CHIPPEWA

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
30	SE	0.82	4,348.25	1,079.76	WATER WELLS

WID: 9505133 Latitude: 44.94248
 Depth to Bedrock: Longitude: -90.955818
 County Name: CHIPPEWA

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
32	ENE	0.93	4,932.76	1,080.31	WATER WELLS

WID: 9505220 Latitude: 44.960591
 Depth to Bedrock: Longitude: -90.945628
 County Name: CHIPPEWA

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
32	ENE	0.93	4,932.76	1,080.31	WATER WELLS

WID: 9505245 Latitude: 44.960591
 Depth to Bedrock: Longitude: -90.945628
 County Name: CHIPPEWA

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
32	ENE	0.93	4,932.76	1,080.31	WATER WELLS

WID: 9505243 Latitude: 44.960591
 Depth to Bedrock: Longitude: -90.945628
 County Name: CHIPPEWA

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
35	ESE	0.97	5,126.85	1,071.38	WATER WELLS

Wells and Additional Sources Detail Report

WID:	9505090	Latitude:	44.949775
Depth to Bedrock:		Longitude:	-90.945663
County Name:	CHIPPEWA		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
37	NE	0.96	5,056.01	1,089.53	WATER WELLS

WID:	9505451	Latitude:	44.967814
Depth to Bedrock:		Longitude:	-90.950825
County Name:	CHIPPEWA		

Public Water Supply Systems

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
21	SW	0.75	3,942.04	1,125.36	PWS

DNR PWS ID:	60907022	Purchased Grnd Wtr:	0
Type:	Transient, non-community	Purchased Surf Wtr:	0
Status:	Active	Service Connects:	1
DNR Region:	West Central Region	Water Meters:	0
County:	Chippewa	Storage Capacity:	0
Non Transient Pop:	0	Season Begins:	
Transient Pop:	50	Season Ends:	
Surface Water:	0	Provide Wtr to Sys:	No
Ground Water:	100	Recei Wtr from Sys:	No
Service Types:	Restaurant		
Most Recent Sanitary Survey:	09/04/2019		

Well Construction Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	-	0.00	0.00	1,111.48	PRIVATE WW

WI Unique Well No:	LM946	Temp Outer Cas:	
High Cap Well No:		Temp Casing Diam:	
Hi Cap Well:		Temp Casing Rem:	
Hi Cap Property:		Why Not Removed:	
County Well Loc:		Other Drill Method:	
DNR Region:		Other Drillin Desc:	
County:		Screen Diameter:	
Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	70 FEET
Well Complete Date:	06/03/1997	Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	15

Wells and Additional Sources Detail Report

Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	34	Disinfected:	
Q Section:	NE	Capped:	
QQ Section:	NW	Proper Seal:	
Well Status:	Replacement	Contractor Signed:	
Original Year:		Rig Oper Signed:	
Replace Reason:		Geologic Log No:	
Prev WI Well No:		Common Well No:	
Replace Well No:		DNR Facility ID:	
Well Const Type:		Watr Seq No:	676519
Other Const Type:		LL Lat Dd Amt:	
Category:		LL Long Dd Amt:	
No Services:		Survey Range Dir:	W
Facility Type:		Well Name:	
High Pt Property:		Calc Specific Cap:	
In Floodplain:		Well Depth Amt:	155
Rotary Mud Circ:		Well Dep Amt Text:	155 FEET
Rotary Air:		Static Depth:	feet below ground surface
Rotary Foam:		Location Method:	QQ section centroid
Reverse Rotary:		Casing Depth Amt:	70
Cable Tool Bit:		Decade Complete:	1990-1999
Cable Bit Diameter:			
Owner:			
Owner Address:	PO BOX 31		
Owner City:			
Owner State:			
Owner Zip:			
Constructor Name:	KLINE WELL @ PUMP INC		
Constructor Addr:			
Constructor City:			
Constructor State:			
Constructor Zip:			
Seal Description:			
Drilling Difficulty:			
Other Driller Comments:			
Water Quality Comments:			
Water Quantity Comments:			
Exception Area Comments:			
Well URL:			
Well Constr Url:	https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=LM946		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	-	0.00	0.00	1,137.41	PRIVATE WW

WI Unique Well No: 8BA174

High Cap Well No:

Hi Cap Well:

Hi Cap Property:

County Well Loc:

DNR Region:

County:

Muni Type:

Tax Parcel No:

Well Complete Date:

DNR Rec Date:

Fire No:

Subdivision:

Lot:

Block:

Government Parcel:

Survey Township: 29

Survey Range: 5

Survey Section: 34

Q Section: NE

QQ Section: SW

Well Status:

Original Year:

Replace Reason:

Prev WI Well No:

Replace Well No:

Well Const Type:

Other Const Type:

Category:

No Services:

Facility Type:

High Pt Property:

In Floodplain:

Rotary Mud Circ:

Rotary Air:

Rotary Foam:

Reverse Rotary:

Cable Tool Bit:

Cable Bit Diameter:

Owner:

Owner Address:

Owner City:

Owner State:

Temp Outer Cas:

Temp Casing Diam:

Temp Casing Rem:

Why Not Removed:

Other Drill Method:

Other Drillin Desc:

Screen Diameter:

Screen Description:

Casing Depth Amt:

Screen To:

Sealant Method:

Static Depth Amt:

Pumping Level:

Pumping At:

Pumping Units:

For:

Well Start Depth:

Developed:

Disinfected:

Capped:

Proper Seal:

Contractor Signed:

Rig Oper Signed:

Geologic Log No:

Common Well No:

DNR Facility ID:

Watr Seq No: 113775701

LL Lat Dd Amt:

LL Long Dd Amt:

Survey Range Dir: W

Well Name:

Calc Specific Cap:

Well Depth Amt:

Well Dep Amt Text:

Static Depth:

Location Method: QQ section centroid

Casing Depth Amt:

Decade Complete:

Wells and Additional Sources Detail Report

Owner Zip:
 Constructor Name:
 Constructor Addr:
 Constructor City:
 Constructor State:
 Constructor Zip:
 Seal Description:
 Drilling Difficulty:
 Other Driller Comments:
 Water Quality Comments:
 Water Quantity
 Comments:
 Exception Area
 Comments:
 Well URL:
 Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8BA174>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	ENE	0.13	709.26	1,090.00	PRIVATE WW

WI Unique Well No:	8BA176	Temp Outer Cas:	
High Cap Well No:		Temp Casing Diam:	
Hi Cap Well:		Temp Casing Rem:	
Hi Cap Property:		Why Not Removed:	
County Well Loc:		Other Drill Method:	
DNR Region:		Other Drillin Desc:	
County:		Screen Diameter:	
Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	
Well Complete Date:		Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	35	Disinfected:	
Q Section:	NW	Capped:	
QQ Section:	NW	Proper Seal:	
Well Status:		Contractor Signed:	
Original Year:		Rig Oper Signed:	
Replace Reason:		Geologic Log No:	
Prev WI Well No:		Common Well No:	
Replace Well No:		DNR Facility ID:	
Well Const Type:		Watr Seq No:	113775703

Wells and Additional Sources Detail Report

Other Const Type:	LL Lat Dd Amt:
Category:	LL Long Dd Amt:
No Services:	Survey Range Dir: W
Facility Type:	Well Name:
High Pt Property:	Calc Specific Cap:
In Floodplain:	Well Depth Amt:
Rotary Mud Circ:	Well Dep Amt Text:
Rotary Air:	Static Depth:
Rotary Foam:	Location Method: QQ section centroid
Reverse Rotary:	Casing Depth Amt:
Cable Tool Bit:	Decade Complete:
Cable Bit Diameter:	
Owner:	
Owner Address:	
Owner City:	
Owner State:	
Owner Zip:	
Constructor Name:	
Constructor Addr:	
Constructor City:	
Constructor State:	
Constructor Zip:	
Seal Description:	
Drilling Difficulty:	
Other Driller Comments:	
Water Quality Comments:	
Water Quantity Comments:	
Exception Area Comments:	
Well URL:	
Well Constr Url:	https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8BA176

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	ENE	0.13	709.26	1,090.00	PRIVATE WW

WI Unique Well No:	8LM336
High Cap Well No:	Temp Outer Cas:
Hi Cap Well:	Temp Casing Diam:
Hi Cap Property:	Temp Casing Rem:
County Well Loc:	Why Not Removed:
DNR Region:	Other Drill Method:
County:	Other Drillin Desc:
Muni Type:	Screen Diameter:
Tax Parcel No:	Screen Description:
Well Complete Date:	Casing Depth Amt:
DNR Rec Date:	Screen To:
	Sealant Method:

Wells and Additional Sources Detail Report

Fire No:		Static Depth Amt:	
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	35	Disinfected:	
Q Section:	NW	Capped:	
QQ Section:	NW	Proper Seal:	
Well Status:		Contractor Signed:	
Original Year:		Rig Oper Signed:	
Replace Reason:		Geologic Log No:	
Prev WI Well No:		Common Well No:	
Replace Well No:		DNR Facility ID:	
Well Const Type:		Watr Seq No:	114048190
Other Const Type:		LL Lat Dd Amt:	
Category:		LL Long Dd Amt:	
No Services:		Survey Range Dir:	W
Facility Type:		Well Name:	
High Pt Property:		Calc Specific Cap:	
In Floodplain:		Well Depth Amt:	
Rotary Mud Circ:		Well Dep Amt Text:	
Rotary Air:		Static Depth:	
Rotary Foam:		Location Method:	QQ section centroid
Reverse Rotary:		Casing Depth Amt:	
Cable Tool Bit:		Decade Complete:	
Cable Bit Diameter:			
Owner:			
Owner Address:			
Owner City:			
Owner State:			
Owner Zip:			
Constructor Name:			
Constructor Addr:			
Constructor City:			
Constructor State:			
Constructor Zip:			
Seal Description:			
Drilling Difficulty:			
Other Driller Comments:			
Water Quality Comments:			
Water Quantity Comments:			
Exception Area Comments:			
Well URL:			
Well Constr Url:	https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8LM336		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	NW	0.19	1,006.13	1,101.87	PRIVATE WW

WI Unique Well No:	8BA168	Temp Outer Cas:	
High Cap Well No:		Temp Casing Diam:	
Hi Cap Well:		Temp Casing Rem:	
Hi Cap Property:		Why Not Removed:	
County Well Loc:		Other Drill Method:	
DNR Region:		Other Drillin Desc:	
County:		Screen Diameter:	
Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	
Well Complete Date:		Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	27	Disinfected:	
Q Section:	SW	Capped:	
QQ Section:	SE	Proper Seal:	
Well Status:		Contractor Signed:	
Original Year:		Rig Oper Signed:	
Replace Reason:		Geologic Log No:	
Prev WI Well No:		Common Well No:	
Replace Well No:		DNR Facility ID:	
Well Const Type:		Watr Seq No:	113775695
Other Const Type:		LL Lat Dd Amt:	
Category:		LL Long Dd Amt:	
No Services:		Survey Range Dir:	W
Facility Type:		Well Name:	
High Pt Property:		Calc Specific Cap:	
In Floodplain:		Well Depth Amt:	
Rotary Mud Circ:		Well Dep Amt Text:	
Rotary Air:		Static Depth:	
Rotary Foam:		Location Method:	QQ section centroid
Reverse Rotary:		Casing Depth Amt:	
Cable Tool Bit:		Decade Complete:	
Cable Bit Diameter:			
Owner:			
Owner Address:			
Owner City:			

Wells and Additional Sources Detail Report

Owner State:
 Owner Zip:
 Constructor Name:
 Constructor Addr:
 Constructor City:
 Constructor State:
 Constructor Zip:
 Seal Description:
 Drilling Difficulty:
 Other Driller Comments:
 Water Quality Comments:
 Water Quantity
 Comments:
 Exception Area
 Comments:
 Well URL:
 Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8BA168>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.24	1,265.12	1,117.39	PRIVATE WW

WI Unique Well No:	8BC460	Temp Outer Cas:
High Cap Well No:		Temp Casing Diam:
Hi Cap Well:		Temp Casing Rem:
Hi Cap Property:		Why Not Removed:
County Well Loc:		Other Drill Method:
DNR Region:		Other Drillin Desc:
County:		Screen Diameter:
Muni Type:		Screen Description:
Tax Parcel No:		Casing Depth Amt:
Well Complete Date:		Screen To:
DNR Rec Date:		Sealant Method:
Fire No:		Static Depth Amt:
Subdivision:		Pumping Level:
Lot:		Pumping At:
Block:		Pumping Units:
Government Parcel:		For:
Survey Township:	29	Well Start Depth:
Survey Range:	5	Developed:
Survey Section:	34	Disinfected:
Q Section:	SW	Capped:
QQ Section:	NE	Proper Seal:
Well Status:		Contractor Signed:
Original Year:		Rig Oper Signed:
Replace Reason:		Geologic Log No:
Prev WI Well No:		Common Well No:
Replace Well No:		DNR Facility ID:

Wells and Additional Sources Detail Report

Well Const Type:	Watr Seq No:	113777994
Other Const Type:	LL Lat Dd Amt:	
Category:	LL Long Dd Amt:	
No Services:	Survey Range Dir:	W
Facility Type:	Well Name:	
High Pt Property:	Calc Specific Cap:	
In Floodplain:	Well Depth Amt:	
Rotary Mud Circ:	Well Dep Amt Text:	
Rotary Air:	Static Depth:	
Rotary Foam:	Location Method:	QQ section centroid
Reverse Rotary:	Casing Depth Amt:	
Cable Tool Bit:	Decade Complete:	
Cable Bit Diameter:		
Owner:		
Owner Address:		
Owner City:		
Owner State:		
Owner Zip:		
Constructor Name:		
Constructor Addr:		
Constructor City:		
Constructor State:		
Constructor Zip:		
Seal Description:		
Drilling Difficulty:		
Other Driller Comments:		
Water Quality Comments:		
Water Quantity		
Comments:		
Exception Area		
Comments:		
Well URL:		
Well Constr Url:	https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8BC460	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	E	0.41	2,177.87	1,095.51	PRIVATE WW

WI Unique Well No:	MY799	Temp Outer Cas:
High Cap Well No:		Temp Casing Diam:
Hi Cap Well:		Temp Casing Rem:
Hi Cap Property:		Why Not Removed:
County Well Loc:		Other Drill Method:
DNR Region:		Other Drillin Desc:
County:		Screen Diameter:
Muni Type:		Screen Description:
Tax Parcel No:		Casing Depth Amt:
Well Complete Date:	04/15/1999	80 FEET
		Screen To:

Wells and Additional Sources Detail Report

DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	15
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	35	Disinfected:	
Q Section:	NW	Capped:	
QQ Section:	SE	Proper Seal:	
Well Status:	New Well	Contractor Signed:	
Original Year:		Rig Oper Signed:	
Replace Reason:		Geologic Log No:	
Prev WI Well No:		Common Well No:	
Replace Well No:		DNR Facility ID:	
Well Const Type:		Watr Seq No:	1027690
Other Const Type:		LL Lat Dd Amt:	
Category:		LL Long Dd Amt:	
No Services:		Survey Range Dir:	W
Facility Type:		Well Name:	
High Pt Property:		Calc Specific Cap:	
In Floodplain:		Well Depth Amt:	117
Rotary Mud Circ:		Well Dep Amt Text:	117 FEET
Rotary Air:		Static Depth:	feet below ground surface
Rotary Foam:		Location Method:	QQ section centroid
Reverse Rotary:		Casing Depth Amt:	80
Cable Tool Bit:		Decade Complete:	1990-1999
Cable Bit Diameter:			
Owner:			
Owner Address:	PO BOX 37		
Owner City:			
Owner State:			
Owner Zip:			
Constructor Name:	WILLIAM D BRUNNER		
Constructor Addr:			
Constructor City:			
Constructor State:			
Constructor Zip:			
Seal Description:			
Drilling Difficulty:			
Other Driller Comments:			
Water Quality Comments:			
Water Quantity			
Comments:			
Exception Area			
Comments:			
Well URL:			

Wells and Additional Sources Detail Report

Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=MY799>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	W	0.47	2,496.00	1,140.34	PRIVATE WW

WI Unique Well No: AAD819
 High Cap Well No:
 Hi Cap Well:
 Hi Cap Property:
 County Well Loc:
 DNR Region:
 County:
 Muni Type:
 Tax Parcel No:
 Well Complete Date: 08/10/2020
 DNR Rec Date:
 Fire No:
 Subdivision:
 Lot:
 Block:
 Government Parcel:
 Survey Township: 29
 Survey Range: 5
 Survey Section: 34
 Q Section: NW
 QQ Section: NW
 Well Status: New Well
 Original Year:
 Replace Reason:
 Prev WI Well No:
 Replace Well No:
 Well Const Type:
 Other Const Type:
 Category:
 No Services:
 Facility Type:
 High Pt Property:
 In Floodplain:
 Rotary Mud Circ:
 Rotary Air:
 Rotary Foam:
 Reverse Rotary:
 Cable Tool Bit:
 Cable Bit Diameter:
 Owner:
 Owner Address: 7861 COUNTY HIGHWAY G

Temp Outer Cas:
 Temp Casing Diam:
 Temp Casing Rem:
 Why Not Removed:
 Other Drill Method:
 Other Drillin Desc:
 Screen Diameter:
 Screen Description:
 Casing Depth Amt: 62 FEET
 Screen To:
 Sealant Method:
 Static Depth Amt: 39
 Pumping Level:
 Pumping At:
 Pumping Units:
 For:
 Well Start Depth:
 Developed:
 Disinfected:
 Capped:
 Proper Seal:
 Contractor Signed:
 Rig Oper Signed:
 Geologic Log No:
 Common Well No:
 DNR Facility ID:
 Watr Seq No: 114141399
 LL Lat Dd Amt: 44.9566
 LL Long Dd Amt: -90.9831
 Survey Range Dir: W
 Well Name:
 Calc Specific Cap:
 Well Depth Amt: 84
 Well Dep Amt Text: 84 FEET
 Static Depth: feet below ground surface
 Location Method: Latitude and longitude
 Casing Depth Amt: 62
 Decade Complete: 2020-PRESENT

Wells and Additional Sources Detail Report

Owner City:
 Owner State:
 Owner Zip:
 Constructor Name: MIDWEST HYDROFRACKING LLC
 Constructor Addr:
 Constructor City:
 Constructor State:
 Constructor Zip:
 Seal Description:
 Drilling Difficulty:
 Other Driller Comments:
 Water Quality Comments:
 Water Quantity
 Comments:
 Exception Area
 Comments:
 Well URL:
 Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=AAD819>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	SSW	0.46	2,406.03	1,098.73	PRIVATE WW

WI Unique Well No:	8BC459	Temp Outer Cas:
High Cap Well No:		Temp Casing Diam:
Hi Cap Well:		Temp Casing Rem:
Hi Cap Property:		Why Not Removed:
County Well Loc:		Other Drill Method:
DNR Region:		Other Drillin Desc:
County:		Screen Diameter:
Muni Type:		Screen Description:
Tax Parcel No:		Casing Depth Amt:
Well Complete Date:		Screen To:
DNR Rec Date:		Sealant Method:
Fire No:		Static Depth Amt:
Subdivision:		Pumping Level:
Lot:		Pumping At:
Block:		Pumping Units:
Government Parcel:		For:
Survey Township:	29	Well Start Depth:
Survey Range:	5	Developed:
Survey Section:	34	Disinfected:
Q Section:	SW	Capped:
QQ Section:	SE	Proper Seal:
Well Status:		Contractor Signed:
Original Year:		Rig Oper Signed:
Replace Reason:		Geologic Log No:
Prev WI Well No:		Common Well No:

Wells and Additional Sources Detail Report

Replace Well No:	DNR Facility ID:
Well Const Type:	Watr Seq No: 113777993
Other Const Type:	LL Lat Dd Amt:
Category:	LL Long Dd Amt:
No Services:	Survey Range Dir: W
Facility Type:	Well Name:
High Pt Property:	Calc Specific Cap:
In Floodplain:	Well Depth Amt:
Rotary Mud Circ:	Well Dep Amt Text:
Rotary Air:	Static Depth:
Rotary Foam:	Location Method: QQ section centroid
Reverse Rotary:	Casing Depth Amt:
Cable Tool Bit:	Decade Complete:
Cable Bit Diameter:	
Owner:	
Owner Address:	
Owner City:	
Owner State:	
Owner Zip:	
Constructor Name:	
Constructor Addr:	
Constructor City:	
Constructor State:	
Constructor Zip:	
Seal Description:	
Drilling Difficulty:	
Other Driller Comments:	
Water Quality Comments:	
Water Quantity Comments:	
Exception Area Comments:	
Well URL:	
Well Constr Url:	https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8BC459

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	SSW	0.48	2,534.77	1,101.10	PRIVATE WW

WI Unique Well No: SX515	Temp Outer Cas:
High Cap Well No:	Temp Casing Diam:
Hi Cap Well:	Temp Casing Rem:
Hi Cap Property:	Why Not Removed:
County Well Loc:	Other Drill Method:
DNR Region:	Other Drillin Desc:
County:	Screen Diameter:
Muni Type:	Screen Description:
Tax Parcel No:	Casing Depth Amt: 33 FEET

Wells and Additional Sources Detail Report

Well Complete Date:	07/29/2005	Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	11
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	34	Disinfected:	
Q Section:	SW	Capped:	
QQ Section:	SE	Proper Seal:	
Well Status:	New Well	Contractor Signed:	
Original Year:		Rig Oper Signed:	
Replace Reason:		Geologic Log No:	
Prev WI Well No:		Common Well No:	
Replace Well No:		DNR Facility ID:	
Well Const Type:		Watr Seq No:	1563030
Other Const Type:		LL Lat Dd Amt:	44.9457
Category:		LL Long Dd Amt:	-90.9762
No Services:		Survey Range Dir:	W
Facility Type:		Well Name:	
High Pt Property:		Calc Specific Cap:	
In Floodplain:		Well Depth Amt:	43
Rotary Mud Circ:		Well Dep Amt Text:	43 FEET
Rotary Air:		Static Depth:	feet below ground surface
Rotary Foam:		Location Method:	Parcel centroid
Reverse Rotary:		Casing Depth Amt:	33
Cable Tool Bit:		Decade Complete:	2000-2009
Cable Bit Diameter:			
Owner:			
Owner Address:	7158 345TH ST		
Owner City:			
Owner State:			
Owner Zip:			
Constructor Name:	JESSE W BRUNNER		
Constructor Addr:			
Constructor City:			
Constructor State:			
Constructor Zip:			
Seal Description:			
Drilling Difficulty:			
Other Driller Comments:			
Water Quality Comments:			
Water Quantity Comments:			
Exception Area Comments:			

Wells and Additional Sources Detail Report

Well URL:

Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN= SX515>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	ESE	0.50	2,650.78	1,098.59	PRIVATE WW

WI Unique Well No: MT248

High Cap Well No:

Hi Cap Well:

Hi Cap Property:

County Well Loc:

DNR Region:

County:

Muni Type:

Tax Parcel No:

Well Complete Date: 08/11/1998

DNR Rec Date:

Fire No:

Subdivision:

Lot:

Block:

Government Parcel:

Survey Township: 29

Survey Range: 5

Survey Section: 35

Q Section: SW

QQ Section: NE

Well Status: New Well

Original Year:

Replace Reason:

Prev WI Well No:

Replace Well No:

Well Const Type:

Other Const Type:

Category:

No Services:

Facility Type:

High Pt Property:

In Floodplain:

Rotary Mud Circ:

Rotary Air:

Rotary Foam:

Reverse Rotary:

Cable Tool Bit:

Cable Bit Diameter:

Owner:

Temp Outer Cas:

Temp Casing Diam:

Temp Casing Rem:

Why Not Removed:

Other Drill Method:

Other Drillin Desc:

Screen Diameter:

Screen Description:

Casing Depth Amt: 31 FEET

Screen To:

Sealant Method:

Static Depth Amt: 13

Pumping Level:

Pumping At:

Pumping Units:

For:

Well Start Depth:

Developed:

Disinfected:

Capped:

Proper Seal:

Contractor Signed:

Rig Oper Signed:

Geologic Log No:

Common Well No:

DNR Facility ID:

Watr Seq No: 695013

LL Lat Dd Amt:

LL Long Dd Amt:

Survey Range Dir: W

Well Name:

Calc Specific Cap:

Well Depth Amt: 42

Well Dep Amt Text: 42 FEET

Static Depth: feet below ground surface

Location Method: QQ section centroid

Casing Depth Amt: 31

Decade Complete: 1990-1999

Wells and Additional Sources Detail Report

Owner Address: PO BOX 37
 Owner City:
 Owner State:
 Owner Zip:
 Constructor Name: WILLIAM D BRUNNER
 Constructor Addr:
 Constructor City:
 Constructor State:
 Constructor Zip:
 Seal Description:
 Drilling Difficulty:
 Other Driller Comments:
 Water Quality Comments:
 Water Quantity
 Comments:
 Exception Area
 Comments:
 Well URL:
 Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=MT248>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.55	2,919.43	1,085.07	PRIVATE WW

WI Unique Well No:	YY192	Temp Outer Cas:	
High Cap Well No:		Temp Casing Diam:	
Hi Cap Well:		Temp Casing Rem:	
Hi Cap Property:		Why Not Removed:	
County Well Loc:		Other Drill Method:	
DNR Region:		Other Drillin Desc:	
County:		Screen Diameter:	
Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	61 FEET
Well Complete Date:	10/31/2017	Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	12
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	35	Disinfected:	
Q Section:	NE	Capped:	
QQ Section:	SE	Proper Seal:	
Well Status:	New Well	Contractor Signed:	
Original Year:		Rig Oper Signed:	
Replace Reason:		Geologic Log No:	

Wells and Additional Sources Detail Report

Prev WI Well No:	Common Well No:
Replace Well No:	DNR Facility ID:
Well Const Type:	Watr Seq No: 104141967
Other Const Type:	LL Lat Dd Amt: 44.9546
Category:	LL Long Dd Amt: -90.9525
No Services:	Survey Range Dir: W
Facility Type:	Well Name:
High Pt Property:	Calc Specific Cap:
In Floodplain:	Well Depth Amt: 145
Rotary Mud Circ:	Well Dep Amt Text: 145 FEET
Rotary Air:	Static Depth: feet below ground surface
Rotary Foam:	Location Method: Latitude and longitude
Reverse Rotary:	Casing Depth Amt: 61
Cable Tool Bit:	Decade Complete: 2010-2019
Cable Bit Diameter:	
Owner:	
Owner Address: 310 URQUART RD	
Owner City:	
Owner State:	
Owner Zip:	
Constructor Name: MIDWEST HYDROFRACKING LLC	
Constructor Addr:	
Constructor City:	
Constructor State:	
Constructor Zip:	
Seal Description:	
Drilling Difficulty:	
Other Driller Comments:	
Water Quality Comments:	
Water Quantity Comments:	
Exception Area Comments:	
Well URL: https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=YY192	
Well Constr Url:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
12	NW	0.53	2,814.04	1,145.61	PRIVATE WW

WI Unique Well No: UX232	Temp Outer Cas:
High Cap Well No:	Temp Casing Diam:
Hi Cap Well:	Temp Casing Rem:
Hi Cap Property:	Why Not Removed:
County Well Loc:	Other Drill Method:
DNR Region:	Other Drillin Desc:
County:	Screen Diameter:
Muni Type:	Screen Description:

Wells and Additional Sources Detail Report

Tax Parcel No:		Casing Depth Amt:	48 FEET
Well Complete Date:	12/02/2013	Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	50
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	27	Disinfected:	
Q Section:	SW	Capped:	
QQ Section:	NE	Proper Seal:	
Well Status:	Replacement	Contractor Signed:	
Original Year:		Rig Oper Signed:	
Replace Reason:		Geologic Log No:	
Prev WI Well No:		Common Well No:	
Replace Well No:		DNR Facility ID:	
Well Const Type:		Watr Seq No:	53337089
Other Const Type:		LL Lat Dd Amt:	44.964
Category:		LL Long Dd Amt:	-90.9812
No Services:		Survey Range Dir:	W
Facility Type:		Well Name:	
High Pt Property:		Calc Specific Cap:	
In Floodplain:		Well Depth Amt:	70
Rotary Mud Circ:		Well Dep Amt Text:	70 FEET
Rotary Air:		Static Depth:	feet below ground surface
Rotary Foam:		Location Method:	Parcel centroid
Reverse Rotary:		Casing Depth Amt:	48
Cable Tool Bit:		Decade Complete:	2010-2019
Cable Bit Diameter:			
Owner:			
Owner Address:	34111 CO RD O		
Owner City:			
Owner State:			
Owner Zip:			
Constructor Name:	JOHN J HATFIELD		
Constructor Addr:			
Constructor City:			
Constructor State:			
Constructor Zip:			
Seal Description:			
Drilling Difficulty:			
Other Driller Comments:			
Water Quality Comments:			
Water Quantity			
Comments:			
Exception Area			

Wells and Additional Sources Detail Report

Comments:

Well URL:

Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=UX232>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	NW	0.54	2,877.03	1,145.75	PRIVATE WW

WI Unique Well No: 8BA169

High Cap Well No:

Hi Cap Well:

Hi Cap Property:

County Well Loc:

DNR Region:

County:

Muni Type:

Tax Parcel No:

Well Complete Date:

DNR Rec Date:

Fire No:

Subdivision:

Lot:

Block:

Government Parcel:

Survey Township: 29

Survey Range: 5

Survey Section: 27

Q Section: SW

QQ Section: NW

Well Status:

Original Year:

Replace Reason:

Prev WI Well No:

Replace Well No:

Well Const Type:

Other Const Type:

Category:

No Services:

Facility Type:

High Pt Property:

In Floodplain:

Rotary Mud Circ:

Rotary Air:

Rotary Foam:

Reverse Rotary:

Cable Tool Bit:

Cable Bit Diameter:

Temp Outer Cas:

Temp Casing Diam:

Temp Casing Rem:

Why Not Removed:

Other Drill Method:

Other Drillin Desc:

Screen Diameter:

Screen Description:

Casing Depth Amt:

Screen To:

Sealant Method:

Static Depth Amt:

Pumping Level:

Pumping At:

Pumping Units:

For:

Well Start Depth:

Developed:

Disinfected:

Capped:

Proper Seal:

Contractor Signed:

Rig Oper Signed:

Geologic Log No:

Common Well No:

DNR Facility ID:

Watr Seq No: 113775696

LL Lat Dd Amt:

LL Long Dd Amt:

Survey Range Dir: W

Well Name:

Calc Specific Cap:

Well Depth Amt:

Well Dep Amt Text:

Static Depth:

Location Method: QQ section centroid

Casing Depth Amt:

Decade Complete:

Wells and Additional Sources Detail Report

Owner:
 Owner Address:
 Owner City:
 Owner State:
 Owner Zip:
 Constructor Name:
 Constructor Addr:
 Constructor City:
 Constructor State:
 Constructor Zip:
 Seal Description:
 Drilling Difficulty:
 Other Driller Comments:
 Water Quality Comments:
 Water Quantity
 Comments:
 Exception Area
 Comments:
 Well URL:
 Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8BA169>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	N	0.63	3,333.50	1,136.61	PRIVATE WW

WI Unique Well No:	8BC448	Temp Outer Cas:
High Cap Well No:		Temp Casing Diam:
Hi Cap Well:		Temp Casing Rem:
Hi Cap Property:		Why Not Removed:
County Well Loc:		Other Drill Method:
DNR Region:		Other Drillin Desc:
County:		Screen Diameter:
Muni Type:		Screen Description:
Tax Parcel No:		Casing Depth Amt:
Well Complete Date:		Screen To:
DNR Rec Date:		Sealant Method:
Fire No:		Static Depth Amt:
Subdivision:		Pumping Level:
Lot:		Pumping At:
Block:		Pumping Units:
Government Parcel:		For:
Survey Township:	29	Well Start Depth:
Survey Range:	5	Developed:
Survey Section:	27	Disinfected:
Q Section:	NE	Capped:
QQ Section:	SW	Proper Seal:
Well Status:		Contractor Signed:
Original Year:		Rig Oper Signed:

Wells and Additional Sources Detail Report

Replace Reason:	Geologic Log No:
Prev WI Well No:	Common Well No:
Replace Well No:	DNR Facility ID:
Well Const Type:	Watr Seq No: 113777982
Other Const Type:	LL Lat Dd Amt:
Category:	LL Long Dd Amt:
No Services:	Survey Range Dir: W
Facility Type:	Well Name:
High Pt Property:	Calc Specific Cap:
In Floodplain:	Well Depth Amt:
Rotary Mud Circ:	Well Dep Amt Text:
Rotary Air:	Static Depth:
Rotary Foam:	Location Method: QQ section centroid
Reverse Rotary:	Casing Depth Amt:
Cable Tool Bit:	Decade Complete:
Cable Bit Diameter:	
Owner:	
Owner Address:	
Owner City:	
Owner State:	
Owner Zip:	
Constructor Name:	
Constructor Addr:	
Constructor City:	
Constructor State:	
Constructor Zip:	
Seal Description:	
Drilling Difficulty:	
Other Driller Comments:	
Water Quality Comments:	
Water Quantity Comments:	
Exception Area Comments:	
Well URL:	
Well Constr Url:	https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8BC448

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	N	0.63	3,319.74	1,119.05	PRIVATE WW

WI Unique Well No:	8BA170	Temp Outer Cas:
High Cap Well No:		Temp Casing Diam:
Hi Cap Well:		Temp Casing Rem:
Hi Cap Property:		Why Not Removed:
County Well Loc:		Other Drill Method:
DNR Region:		Other Drillin Desc:
County:		Screen Diameter:

Wells and Additional Sources Detail Report

Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	
Well Complete Date:		Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	27	Disinfected:	
Q Section:	NE	Capped:	
QQ Section:	SE	Proper Seal:	
Well Status:		Contractor Signed:	
Original Year:		Rig Oper Signed:	
Replace Reason:		Geologic Log No:	
Prev WI Well No:		Common Well No:	
Replace Well No:		DNR Facility ID:	
Well Const Type:		Watr Seq No:	113775697
Other Const Type:		LL Lat Dd Amt:	
Category:		LL Long Dd Amt:	
No Services:		Survey Range Dir:	W
Facility Type:		Well Name:	
High Pt Property:		Calc Specific Cap:	
In Floodplain:		Well Depth Amt:	
Rotary Mud Circ:		Well Dep Amt Text:	
Rotary Air:		Static Depth:	
Rotary Foam:		Location Method:	QQ section centroid
Reverse Rotary:		Casing Depth Amt:	
Cable Tool Bit:		Decade Complete:	
Cable Bit Diameter:			
Owner:			
Owner Address:			
Owner City:			
Owner State:			
Owner Zip:			
Constructor Name:			
Constructor Addr:			
Constructor City:			
Constructor State:			
Constructor Zip:			
Seal Description:			
Drilling Difficulty:			
Other Driller Comments:			
Water Quality Comments:			
Water Quantity Comments:			

Wells and Additional Sources Detail Report

Exception Area

Comments:

Well URL:

Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8BA170>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	NNE	0.62	3,295.69	1,098.56	PRIVATE WW

WI Unique Well No: UX162

High Cap Well No:

Hi Cap Well:

Hi Cap Property:

County Well Loc:

DNR Region:

County:

Muni Type:

Tax Parcel No:

Well Complete Date: 09/02/2010

DNR Rec Date:

Fire No:

Subdivision:

Lot:

Block:

Government Parcel:

Survey Township: 29

Survey Range: 5

Survey Section: 26

Q Section: NW

QQ Section: SW

Well Status: Replacement

Original Year:

Replace Reason:

Prev WI Well No:

Replace Well No:

Well Const Type:

Other Const Type:

Category:

No Services:

Facility Type:

High Pt Property:

In Floodplain:

Rotary Mud Circ:

Rotary Air:

Rotary Foam:

Reverse Rotary:

Cable Tool Bit:

Cable Bit Diameter:

Temp Outer Cas:

Temp Casing Diam:

Temp Casing Rem:

Why Not Removed:

Other Drill Method:

Other Drillin Desc:

Screen Diameter:

Screen Description:

Casing Depth Amt: 41.5 FEET

Screen To:

Sealant Method:

Static Depth Amt: 24

Pumping Level:

Pumping At:

Pumping Units:

For:

Well Start Depth:

Developed:

Disinfected:

Capped:

Proper Seal:

Contractor Signed:

Rig Oper Signed:

Geologic Log No:

Common Well No:

DNR Facility ID:

Watr Seq No: 5659691

LL Lat Dd Amt: 44.9666

LL Long Dd Amt: -90.9595

Survey Range Dir: W

Well Name:

Calc Specific Cap:

Well Depth Amt: 46

Well Dep Amt Text: 46 FEET

Static Depth: feet below ground surface

Location Method: Parcel centroid

Casing Depth Amt: 41.5

Decade Complete: 2010-2019

Wells and Additional Sources Detail Report

Owner:
 Owner Address: 20298 CO RD H
 Owner City:
 Owner State:
 Owner Zip:
 Constructor Name: MIDWEST HYDROFRACKING LLC
 Constructor Addr:
 Constructor City:
 Constructor State:
 Constructor Zip:
 Seal Description:
 Drilling Difficulty:
 Other Driller Comments:
 Water Quality Comments:
 Water Quantity
 Comments:
 Exception Area
 Comments:
 Well URL:
 Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=UX162>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	SE	0.63	3,332.88	1,112.52	PRIVATE WW

WI Unique Well No:	8BA175	Temp Outer Cas:
High Cap Well No:		Temp Casing Diam:
Hi Cap Well:		Temp Casing Rem:
Hi Cap Property:		Why Not Removed:
County Well Loc:		Other Drill Method:
DNR Region:		Other Drillin Desc:
County:		Screen Diameter:
Muni Type:		Screen Description:
Tax Parcel No:		Casing Depth Amt:
Well Complete Date:		Screen To:
DNR Rec Date:		Sealant Method:
Fire No:		Static Depth Amt:
Subdivision:		Pumping Level:
Lot:		Pumping At:
Block:		Pumping Units:
Government Parcel:		For:
Survey Township:	29	Well Start Depth:
Survey Range:	5	Developed:
Survey Section:	35	Disinfected:
Q Section:	SW	Capped:
QQ Section:	SE	Proper Seal:
Well Status:		Contractor Signed:
Original Year:		Rig Oper Signed:

Wells and Additional Sources Detail Report

Replace Reason:	Geologic Log No:
Prev WI Well No:	Common Well No:
Replace Well No:	DNR Facility ID:
Well Const Type:	Watr Seq No: 113775702
Other Const Type:	LL Lat Dd Amt:
Category:	LL Long Dd Amt:
No Services:	Survey Range Dir: W
Facility Type:	Well Name:
High Pt Property:	Calc Specific Cap:
In Floodplain:	Well Depth Amt:
Rotary Mud Circ:	Well Dep Amt Text:
Rotary Air:	Static Depth:
Rotary Foam:	Location Method: QQ section centroid
Reverse Rotary:	Casing Depth Amt:
Cable Tool Bit:	Decade Complete:
Cable Bit Diameter:	
Owner:	
Owner Address:	
Owner City:	
Owner State:	
Owner Zip:	
Constructor Name:	
Constructor Addr:	
Constructor City:	
Constructor State:	
Constructor Zip:	
Seal Description:	
Drilling Difficulty:	
Other Driller Comments:	
Water Quality Comments:	
Water Quantity Comments:	
Exception Area Comments:	
Well URL:	https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8BA175
Well Constr Url:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	NNW	0.65	3,423.91	1,158.82	PRIVATE WW

WI Unique Well No:	SG663	Temp Outer Cas:
High Cap Well No:		Temp Casing Diam:
Hi Cap Well:		Temp Casing Rem:
Hi Cap Property:		Why Not Removed:
County Well Loc:		Other Drill Method:
DNR Region:		Other Drillin Desc:
County:		Screen Diameter:

Wells and Additional Sources Detail Report

Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	56 FEET
Well Complete Date:	06/27/2006	Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	20
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	27	Disinfected:	
Q Section:	NW	Capped:	
QQ Section:	SE	Proper Seal:	
Well Status:	New Well	Contractor Signed:	
Original Year:		Rig Oper Signed:	
Replace Reason:		Geologic Log No:	
Prev WI Well No:		Common Well No:	
Replace Well No:		DNR Facility ID:	
Well Const Type:		Watr Seq No:	1653336
Other Const Type:		LL Lat Dd Amt:	
Category:		LL Long Dd Amt:	
No Services:		Survey Range Dir:	W
Facility Type:		Well Name:	
High Pt Property:		Calc Specific Cap:	
In Floodplain:		Well Depth Amt:	76
Rotary Mud Circ:		Well Dep Amt Text:	76 FEET
Rotary Air:		Static Depth:	feet below ground surface
Rotary Foam:		Location Method:	QQ section centroid
Reverse Rotary:		Casing Depth Amt:	56
Cable Tool Bit:		Decade Complete:	2000-2009
Cable Bit Diameter:			
Owner:			
Owner Address:	34452 CO TK O		
Owner City:			
Owner State:			
Owner Zip:			
Constructor Name:	JOHN J HATFIELD		
Constructor Addr:			
Constructor City:			
Constructor State:			
Constructor Zip:			
Seal Description:			
Drilling Difficulty:			
Other Driller Comments:			
Water Quality Comments:			
Water Quantity Comments:			

Wells and Additional Sources Detail Report

Exception Area

Comments:

Well URL:

Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=SG663>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	NNW	0.65	3,423.91	1,158.82	PRIVATE WW

WI Unique Well No: MK033

High Cap Well No:

Hi Cap Well:

Hi Cap Property:

County Well Loc:

DNR Region:

County:

Muni Type:

Tax Parcel No:

Well Complete Date: 09/19/1997

DNR Rec Date:

Fire No:

Subdivision:

Lot:

Block:

Government Parcel:

Survey Township: 29

Survey Range: 5

Survey Section: 27

Q Section: NW

QQ Section: SE

Well Status: New Well

Original Year:

Replace Reason:

Prev WI Well No:

Replace Well No:

Well Const Type:

Other Const Type:

Category:

No Services:

Facility Type:

High Pt Property:

In Floodplain:

Rotary Mud Circ:

Rotary Air:

Rotary Foam:

Reverse Rotary:

Cable Tool Bit:

Cable Bit Diameter:

Temp Outer Cas:

Temp Casing Diam:

Temp Casing Rem:

Why Not Removed:

Other Drill Method:

Other Drillin Desc:

Screen Diameter:

Screen Description:

Casing Depth Amt: 52 FEET

Screen To:

Sealant Method:

Static Depth Amt: 40

Pumping Level:

Pumping At:

Pumping Units:

For:

Well Start Depth:

Developed:

Disinfected:

Capped:

Proper Seal:

Contractor Signed:

Rig Oper Signed:

Geologic Log No:

Common Well No:

DNR Facility ID:

Watr Seq No: 690451

LL Lat Dd Amt:

LL Long Dd Amt:

Survey Range Dir: W

Well Name:

Calc Specific Cap:

Well Depth Amt: 83

Well Dep Amt Text: 83 FEET

Static Depth: feet below ground surface

Location Method: QQ section centroid

Casing Depth Amt: 52

Decade Complete: 1990-1999

Wells and Additional Sources Detail Report

Owner:
 Owner Address: 34452 CO HWY O
 Owner City:
 Owner State:
 Owner Zip:
 Constructor Name: JOHN J HATFIELD
 Constructor Addr:
 Constructor City:
 Constructor State:
 Constructor Zip:
 Seal Description:
 Drilling Difficulty:
 Other Driller Comments:
 Water Quality Comments:
 Water Quantity
 Comments:
 Exception Area
 Comments:
 Well URL:
 Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=MK033>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
19	SSW	0.70	3,693.60	1,085.91	PRIVATE WW

WI Unique Well No:	KZ723	Temp Outer Cas:	
High Cap Well No:		Temp Casing Diam:	
Hi Cap Well:		Temp Casing Rem:	
Hi Cap Property:		Why Not Removed:	
County Well Loc:		Other Drill Method:	
DNR Region:		Other Drillin Desc:	
County:		Screen Diameter:	
Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	32 FEET
Well Complete Date:	07/16/1997	Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	18
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	28	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	3	Disinfected:	
Q Section:	NW	Capped:	
QQ Section:	NE	Proper Seal:	
Well Status:	New Well	Contractor Signed:	
Original Year:		Rig Oper Signed:	

Wells and Additional Sources Detail Report

Replace Reason:	Geologic Log No:
Prev WI Well No:	Common Well No:
Replace Well No:	DNR Facility ID:
Well Const Type:	Watr Seq No: 666790
Other Const Type:	LL Lat Dd Amt:
Category:	LL Long Dd Amt:
No Services:	Survey Range Dir: W
Facility Type:	Well Name:
High Pt Property:	Calc Specific Cap:
In Floodplain:	Well Depth Amt: 53
Rotary Mud Circ:	Well Dep Amt Text: 53 FEET
Rotary Air:	Static Depth: feet below ground surface
Rotary Foam:	Location Method: QQ section centroid
Reverse Rotary:	Casing Depth Amt: 32
Cable Tool Bit:	Decade Complete: 1990-1999
Cable Bit Diameter:	
Owner:	
Owner Address: CTY TRK X	
Owner City:	
Owner State:	
Owner Zip:	
Constructor Name: JOHN J HATFIELD	
Constructor Addr:	
Constructor City:	
Constructor State:	
Constructor Zip:	
Seal Description:	
Drilling Difficulty:	
Other Driller Comments:	
Water Quality Comments:	
Water Quantity	
Comments:	
Exception Area	
Comments:	
Well URL:	
Well Constr Url:	https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=KZ723

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	ESE	0.74	3,920.10	1,087.58	PRIVATE WW

WI Unique Well No: 8BC461	Temp Outer Cas:
High Cap Well No:	Temp Casing Diam:
Hi Cap Well:	Temp Casing Rem:
Hi Cap Property:	Why Not Removed:
County Well Loc:	Other Drill Method:
DNR Region:	Other Drillin Desc:
County:	Screen Diameter:

Wells and Additional Sources Detail Report

Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	
Well Complete Date:		Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	35	Disinfected:	
Q Section:	SE	Capped:	
QQ Section:	NW	Proper Seal:	
Well Status:		Contractor Signed:	
Original Year:		Rig Oper Signed:	
Replace Reason:		Geologic Log No:	
Prev WI Well No:		Common Well No:	
Replace Well No:		DNR Facility ID:	
Well Const Type:		Watr Seq No:	113777995
Other Const Type:		LL Lat Dd Amt:	
Category:		LL Long Dd Amt:	
No Services:		Survey Range Dir:	W
Facility Type:		Well Name:	
High Pt Property:		Calc Specific Cap:	
In Floodplain:		Well Depth Amt:	
Rotary Mud Circ:		Well Dep Amt Text:	
Rotary Air:		Static Depth:	
Rotary Foam:		Location Method:	QQ section centroid
Reverse Rotary:		Casing Depth Amt:	
Cable Tool Bit:		Decade Complete:	
Cable Bit Diameter:			
Owner:			
Owner Address:			
Owner City:			
Owner State:			
Owner Zip:			
Constructor Name:			
Constructor Addr:			
Constructor City:			
Constructor State:			
Constructor Zip:			
Seal Description:			
Drilling Difficulty:			
Other Driller Comments:			
Water Quality Comments:			
Water Quantity Comments:			

Wells and Additional Sources Detail Report

Exception Area

Comments:

Well URL:

Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8BC461>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	NW	0.75	3,936.40	1,138.06	PRIVATE WW

WI Unique Well No: UV609

High Cap Well No:

Hi Cap Well:

Hi Cap Property:

County Well Loc:

DNR Region:

County:

Muni Type:

Tax Parcel No:

Well Complete Date: 12/14/2006

DNR Rec Date:

Fire No:

Subdivision:

Lot:

Block:

Government Parcel:

Survey Township: 29

Survey Range: 5

Survey Section: 27

Q Section: NW

QQ Section: SW

Well Status: Replacement

Original Year:

Replace Reason:

Prev WI Well No:

Replace Well No:

Well Const Type:

Other Const Type:

Category:

No Services:

Facility Type:

High Pt Property:

In Floodplain:

Rotary Mud Circ:

Rotary Air:

Rotary Foam:

Reverse Rotary:

Cable Tool Bit:

Cable Bit Diameter:

Temp Outer Cas:

Temp Casing Diam:

Temp Casing Rem:

Why Not Removed:

Other Drill Method:

Other Drillin Desc:

Screen Diameter:

Screen Description:

Casing Depth Amt: 43 FEET

Screen To:

Sealant Method:

Static Depth Amt: 51

Pumping Level:

Pumping At:

Pumping Units:

For:

Well Start Depth:

Developed:

Disinfected:

Capped:

Proper Seal:

Contractor Signed:

Rig Oper Signed:

Geologic Log No:

Common Well No:

DNR Facility ID:

Watr Seq No: 1833295

LL Lat Dd Amt:

LL Long Dd Amt:

Survey Range Dir: W

Well Name:

Calc Specific Cap:

Well Depth Amt: 80

Well Dep Amt Text: 80 FEET

Static Depth: feet below ground surface

Location Method: QQ section centroid

Casing Depth Amt: 43

Decade Complete: 2000-2009

Wells and Additional Sources Detail Report

Owner:
 Owner Address: 8521 CO HWY G
 Owner City:
 Owner State:
 Owner Zip:
 Constructor Name: PEAK WELL DRILLING LLC
 Constructor Addr:
 Constructor City:
 Constructor State:
 Constructor Zip:
 Seal Description:
 Drilling Difficulty:
 Other Driller Comments:
 Water Quality Comments:
 Water Quantity
 Comments:
 Exception Area
 Comments:
 Well URL: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=UV609>
 Well Constr Url:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
24	SW	0.77	4,074.45	1,122.78	PRIVATE WW

WI Unique Well No:	ZX238	Temp Outer Cas:	
High Cap Well No:		Temp Casing Diam:	
Hi Cap Well:		Temp Casing Rem:	
Hi Cap Property:		Why Not Removed:	
County Well Loc:		Other Drill Method:	
DNR Region:		Other Drillin Desc:	
County:		Screen Diameter:	
Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	46 FEET
Well Complete Date:	07/27/2019	Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	24
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	28	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	3	Disinfected:	
Q Section:	NW	Capped:	
QQ Section:	NW	Proper Seal:	
Well Status:	Replacement	Contractor Signed:	
Original Year:		Rig Oper Signed:	

Wells and Additional Sources Detail Report

Replace Reason:	Geologic Log No:
Prev WI Well No:	Common Well No:
Replace Well No:	DNR Facility ID:
Well Const Type:	Watr Seq No: 113700480
Other Const Type:	LL Lat Dd Amt: 44.9439
Category:	LL Long Dd Amt: -90.9834
No Services:	Survey Range Dir: W
Facility Type:	Well Name:
High Pt Property:	Calc Specific Cap:
In Floodplain:	Well Depth Amt: 63
Rotary Mud Circ:	Well Dep Amt Text: 63 FEET
Rotary Air:	Static Depth: feet below ground surface
Rotary Foam:	Location Method: Latitude and longitude
Reverse Rotary:	Casing Depth Amt: 46
Cable Tool Bit:	Decade Complete: 2010-2019
Cable Bit Diameter:	
Owner:	
Owner Address: 34027 COUNTY HWY X	
Owner City:	
Owner State:	
Owner Zip:	
Constructor Name: MIDWEST HYDROFRACKING LLC	
Constructor Addr:	
Constructor City:	
Constructor State:	
Constructor Zip:	
Seal Description:	
Drilling Difficulty:	
Other Driller Comments:	
Water Quality Comments:	
Water Quantity Comments:	
Exception Area Comments:	
Well URL: https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=ZX238	
Well Constr Url:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	NE	0.78	4,120.07	1,090.00	PRIVATE WW

WI Unique Well No: WR569	Temp Outer Cas:
High Cap Well No:	Temp Casing Diam:
Hi Cap Well:	Temp Casing Rem:
Hi Cap Property:	Why Not Removed:
County Well Loc:	Other Drill Method:
DNR Region:	Other Drillin Desc:
County:	Screen Diameter:

Wells and Additional Sources Detail Report

Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	39 FEET
Well Complete Date:	09/15/2001	Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	8
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	26	Disinfected:	
Q Section:		Capped:	
QQ Section:		Proper Seal:	
Well Status:	New Well	Contractor Signed:	
Original Year:		Rig Oper Signed:	
Replace Reason:		Geologic Log No:	
Prev WI Well No:		Common Well No:	
Replace Well No:		DNR Facility ID:	
Well Const Type:		Watr Seq No:	33934228
Other Const Type:		LL Lat Dd Amt:	
Category:		LL Long Dd Amt:	
No Services:		Survey Range Dir:	W
Facility Type:		Well Name:	
High Pt Property:		Calc Specific Cap:	
In Floodplain:		Well Depth Amt:	60
Rotary Mud Circ:		Well Dep Amt Text:	60 FEET
Rotary Air:		Static Depth:	feet below ground surface
Rotary Foam:		Location Method:	Section centroid
Reverse Rotary:		Casing Depth Amt:	39
Cable Tool Bit:		Decade Complete:	2000-2009
Cable Bit Diameter:			
Owner:			
Owner Address:	116 3RD AVE		
Owner City:			
Owner State:			
Owner Zip:			
Constructor Name:	WILLIAM D BRUNNER		
Constructor Addr:			
Constructor City:			
Constructor State:			
Constructor Zip:			
Seal Description:			
Drilling Difficulty:			
Other Driller Comments:			
Water Quality Comments:			
Water Quantity Comments:			

Wells and Additional Sources Detail Report

Exception Area

Comments:

Well URL:

Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=WR569>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	NE	0.78	4,120.07	1,090.00	PRIVATE WW

WI Unique Well No:	8BC441	Temp Outer Cas:	
High Cap Well No:		Temp Casing Diam:	
Hi Cap Well:		Temp Casing Rem:	
Hi Cap Property:		Why Not Removed:	
County Well Loc:		Other Drill Method:	
DNR Region:		Other Drillin Desc:	
County:		Screen Diameter:	
Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	
Well Complete Date:		Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	26	Disinfected:	
Q Section:		Capped:	
QQ Section:		Proper Seal:	
Well Status:		Contractor Signed:	
Original Year:		Rig Oper Signed:	
Replace Reason:		Geologic Log No:	
Prev WI Well No:		Common Well No:	
Replace Well No:		DNR Facility ID:	
Well Const Type:		Watr Seq No:	113777975
Other Const Type:		LL Lat Dd Amt:	
Category:		LL Long Dd Amt:	
No Services:		Survey Range Dir:	W
Facility Type:		Well Name:	
High Pt Property:		Calc Specific Cap:	
In Floodplain:		Well Depth Amt:	
Rotary Mud Circ:		Well Dep Amt Text:	
Rotary Air:		Static Depth:	
Rotary Foam:		Location Method:	Section centroid
Reverse Rotary:		Casing Depth Amt:	
Cable Tool Bit:		Decade Complete:	
Cable Bit Diameter:			

Wells and Additional Sources Detail Report

Owner:
 Owner Address:
 Owner City:
 Owner State:
 Owner Zip:
 Constructor Name:
 Constructor Addr:
 Constructor City:
 Constructor State:
 Constructor Zip:
 Seal Description:
 Drilling Difficulty:
 Other Driller Comments:
 Water Quality Comments:
 Water Quantity
 Comments:
 Exception Area
 Comments:
 Well URL:
 Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8BC441>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	NE	0.78	4,120.07	1,090.00	PRIVATE WW

WI Unique Well No:	WR566	Temp Outer Cas:	
High Cap Well No:		Temp Casing Diam:	
Hi Cap Well:		Temp Casing Rem:	
Hi Cap Property:		Why Not Removed:	
County Well Loc:		Other Drill Method:	
DNR Region:		Other Drillin Desc:	
County:		Screen Diameter:	
Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	37 FEET
Well Complete Date:	09/02/2001	Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	7
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	26	Disinfected:	
Q Section:		Capped:	
QQ Section:		Proper Seal:	
Well Status:	New Well	Contractor Signed:	
Original Year:		Rig Oper Signed:	

Wells and Additional Sources Detail Report

Replace Reason:	Geologic Log No:
Prev WI Well No:	Common Well No:
Replace Well No:	DNR Facility ID:
Well Const Type:	Watr Seq No: 33934227
Other Const Type:	LL Lat Dd Amt:
Category:	LL Long Dd Amt:
No Services:	Survey Range Dir: W
Facility Type:	Well Name:
High Pt Property:	Calc Specific Cap:
In Floodplain:	Well Depth Amt: 60
Rotary Mud Circ:	Well Dep Amt Text: 60 FEET
Rotary Air:	Static Depth: feet above ground surface
Rotary Foam:	Location Method: Section centroid
Reverse Rotary:	Casing Depth Amt: 37
Cable Tool Bit:	Decade Complete: 2000-2009
Cable Bit Diameter:	
Owner:	
Owner Address: 116 3RD AVE	
Owner City:	
Owner State:	
Owner Zip:	
Constructor Name: WILLIAM D BRUNNER	
Constructor Addr:	
Constructor City:	
Constructor State:	
Constructor Zip:	
Seal Description:	
Drilling Difficulty:	
Other Driller Comments:	
Water Quality Comments:	
Water Quantity	
Comments:	
Exception Area	
Comments:	
Well URL:	
Well Constr Url: https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=WR566	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	NE	0.78	4,120.07	1,090.00	PRIVATE WW

WI Unique Well No: XB124	Temp Outer Cas:
High Cap Well No:	Temp Casing Diam:
Hi Cap Well:	Temp Casing Rem:
Hi Cap Property:	Why Not Removed:
County Well Loc:	Other Drill Method:
DNR Region:	Other Drillin Desc:
County:	Screen Diameter:

Wells and Additional Sources Detail Report

Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	41 FEET
Well Complete Date:	07/08/2013	Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	9
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	26	Disinfected:	
Q Section:		Capped:	
QQ Section:		Proper Seal:	
Well Status:	Reconstruction	Contractor Signed:	
Original Year:		Rig Oper Signed:	
Replace Reason:		Geologic Log No:	
Prev WI Well No:		Common Well No:	
Replace Well No:		DNR Facility ID:	
Well Const Type:		Watr Seq No:	41138722
Other Const Type:		LL Lat Dd Amt:	
Category:		LL Long Dd Amt:	
No Services:		Survey Range Dir:	W
Facility Type:		Well Name:	
High Pt Property:		Calc Specific Cap:	
In Floodplain:		Well Depth Amt:	60
Rotary Mud Circ:		Well Dep Amt Text:	60 FEET
Rotary Air:		Static Depth:	feet below ground surface
Rotary Foam:		Location Method:	Section centroid
Reverse Rotary:		Casing Depth Amt:	41
Cable Tool Bit:		Decade Complete:	2010-2019
Cable Bit Diameter:			
Owner:			
Owner Address:	116 3RD AVE		
Owner City:			
Owner State:			
Owner Zip:			
Constructor Name:	WILLIAM D BRUNNER		
Constructor Addr:			
Constructor City:			
Constructor State:			
Constructor Zip:			
Seal Description:			
Drilling Difficulty:			
Other Driller Comments:			
Water Quality Comments:			
Water Quantity Comments:			

Wells and Additional Sources Detail Report

Exception Area

Comments:

Well URL:

Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=XB124>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	NE	0.78	4,120.07	1,090.00	PRIVATE WW

WI Unique Well No: QM019

High Cap Well No:

Hi Cap Well:

Hi Cap Property:

County Well Loc:

DNR Region:

County:

Muni Type:

Tax Parcel No:

Well Complete Date: 01/16/2002

DNR Rec Date:

Fire No:

Subdivision:

Lot:

Block:

Government Parcel:

Survey Township: 29

Survey Range: 5

Survey Section: 26

Q Section:

QQ Section:

Well Status: New Well

Original Year:

Replace Reason:

Prev WI Well No:

Replace Well No:

Well Const Type:

Other Const Type:

Category:

No Services:

Facility Type:

High Pt Property:

In Floodplain:

Rotary Mud Circ:

Rotary Air:

Rotary Foam:

Reverse Rotary:

Cable Tool Bit:

Cable Bit Diameter:

Temp Outer Cas:

Temp Casing Diam:

Temp Casing Rem:

Why Not Removed:

Other Drill Method:

Other Drillin Desc:

Screen Diameter:

Screen Description:

Casing Depth Amt: 39 FEET

Screen To:

Sealant Method:

Static Depth Amt: 3

Pumping Level:

Pumping At:

Pumping Units:

For:

Well Start Depth:

Developed:

Disinfected:

Capped:

Proper Seal:

Contractor Signed:

Rig Oper Signed:

Geologic Log No:

Common Well No:

DNR Facility ID:

Watr Seq No: 1513777

LL Lat Dd Amt:

LL Long Dd Amt:

Survey Range Dir: W

Well Name:

Calc Specific Cap:

Well Depth Amt: 63

Well Dep Amt Text: 63 FEET

Static Depth: feet below ground surface

Location Method: Section centroid

Casing Depth Amt: 39

Decade Complete: 2000-2009

Wells and Additional Sources Detail Report

Owner:
 Owner Address: 116 3RD AVE
 Owner City:
 Owner State:
 Owner Zip:
 Constructor Name: WILLIAM D BRUNNER
 Constructor Addr:
 Constructor City:
 Constructor State:
 Constructor Zip:
 Seal Description:
 Drilling Difficulty:
 Other Driller Comments:
 Water Quality Comments:
 Water Quantity
 Comments:
 Exception Area
 Comments:
 Well URL:
 Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=QM019>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	NE	0.78	4,120.07	1,090.00	PRIVATE WW

WI Unique Well No:	QZ438	Temp Outer Cas:	
High Cap Well No:		Temp Casing Diam:	
Hi Cap Well:		Temp Casing Rem:	
Hi Cap Property:		Why Not Removed:	
County Well Loc:		Other Drill Method:	
DNR Region:		Other Drillin Desc:	
County:		Screen Diameter:	
Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	43 FEET
Well Complete Date:	11/12/2002	Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	8
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	26	Disinfected:	
Q Section:		Capped:	
QQ Section:		Proper Seal:	
Well Status:	New Well	Contractor Signed:	
Original Year:		Rig Oper Signed:	

Wells and Additional Sources Detail Report

Replace Reason:	Geologic Log No:
Prev WI Well No:	Common Well No:
Replace Well No:	DNR Facility ID:
Well Const Type:	Watr Seq No: 1513791
Other Const Type:	LL Lat Dd Amt:
Category:	LL Long Dd Amt:
No Services:	Survey Range Dir: W
Facility Type:	Well Name:
High Pt Property:	Calc Specific Cap:
In Floodplain:	Well Depth Amt: 58.5
Rotary Mud Circ:	Well Dep Amt Text: 58.5 FEET
Rotary Air:	Static Depth: feet below ground surface
Rotary Foam:	Location Method: Section centroid
Reverse Rotary:	Casing Depth Amt: 43
Cable Tool Bit:	Decade Complete: 2000-2009
Cable Bit Diameter:	
Owner:	
Owner Address: 116 3RD AVE	
Owner City:	
Owner State:	
Owner Zip:	
Constructor Name: WILLIAM D BRUNNER	
Constructor Addr:	
Constructor City:	
Constructor State:	
Constructor Zip:	
Seal Description:	
Drilling Difficulty:	
Other Driller Comments:	
Water Quality Comments:	
Water Quantity	
Comments:	
Exception Area	
Comments:	
Well URL:	
Well Constr Url: https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=QZ438	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	NE	0.78	4,120.07	1,090.00	PRIVATE WW

WI Unique Well No: WS645	Temp Outer Cas:
High Cap Well No:	Temp Casing Diam:
Hi Cap Well:	Temp Casing Rem:
Hi Cap Property:	Why Not Removed:
County Well Loc:	Other Drill Method:
DNR Region:	Other Drillin Desc:
County:	Screen Diameter:

Wells and Additional Sources Detail Report

Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	47 FEET
Well Complete Date:	03/13/2012	Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	13
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	26	Disinfected:	
Q Section:		Capped:	
QQ Section:		Proper Seal:	
Well Status:	New Well	Contractor Signed:	
Original Year:		Rig Oper Signed:	
Replace Reason:		Geologic Log No:	
Prev WI Well No:		Common Well No:	
Replace Well No:		DNR Facility ID:	
Well Const Type:		Watr Seq No:	23750153
Other Const Type:		LL Lat Dd Amt:	
Category:		LL Long Dd Amt:	
No Services:		Survey Range Dir:	W
Facility Type:		Well Name:	
High Pt Property:		Calc Specific Cap:	
In Floodplain:		Well Depth Amt:	95
Rotary Mud Circ:		Well Dep Amt Text:	95 FEET
Rotary Air:		Static Depth:	feet below ground surface
Rotary Foam:		Location Method:	Section centroid
Reverse Rotary:		Casing Depth Amt:	47
Cable Tool Bit:		Decade Complete:	2010-2019
Cable Bit Diameter:			
Owner:			
Owner Address:	116 3RD AVE		
Owner City:			
Owner State:			
Owner Zip:			
Constructor Name:	JESSE W BRUNNER		
Constructor Addr:			
Constructor City:			
Constructor State:			
Constructor Zip:			
Seal Description:			
Drilling Difficulty:			
Other Driller Comments:			
Water Quality Comments:			
Water Quantity Comments:			

Wells and Additional Sources Detail Report

Exception Area

Comments:

Well URL:

Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=WS645>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	NE	0.78	4,120.07	1,090.00	PRIVATE WW

WI Unique Well No:	8BC440	Temp Outer Cas:	
High Cap Well No:		Temp Casing Diam:	
Hi Cap Well:		Temp Casing Rem:	
Hi Cap Property:		Why Not Removed:	
County Well Loc:		Other Drill Method:	
DNR Region:		Other Drillin Desc:	
County:		Screen Diameter:	
Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	
Well Complete Date:		Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	26	Disinfected:	
Q Section:		Capped:	
QQ Section:		Proper Seal:	
Well Status:		Contractor Signed:	
Original Year:		Rig Oper Signed:	
Replace Reason:		Geologic Log No:	
Prev WI Well No:		Common Well No:	
Replace Well No:		DNR Facility ID:	
Well Const Type:		Watr Seq No:	113777974
Other Const Type:		LL Lat Dd Amt:	
Category:		LL Long Dd Amt:	
No Services:		Survey Range Dir:	W
Facility Type:		Well Name:	
High Pt Property:		Calc Specific Cap:	
In Floodplain:		Well Depth Amt:	
Rotary Mud Circ:		Well Dep Amt Text:	
Rotary Air:		Static Depth:	
Rotary Foam:		Location Method:	Section centroid
Reverse Rotary:		Casing Depth Amt:	
Cable Tool Bit:		Decade Complete:	
Cable Bit Diameter:			

Wells and Additional Sources Detail Report

Owner:
 Owner Address:
 Owner City:
 Owner State:
 Owner Zip:
 Constructor Name:
 Constructor Addr:
 Constructor City:
 Constructor State:
 Constructor Zip:
 Seal Description:
 Drilling Difficulty:
 Other Driller Comments:
 Water Quality Comments:
 Water Quantity
 Comments:
 Exception Area
 Comments:
 Well URL:
 Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8BC440>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	NE	0.78	4,120.07	1,090.00	PRIVATE WW

WI Unique Well No:	QM040	Temp Outer Cas:	
High Cap Well No:		Temp Casing Diam:	
Hi Cap Well:		Temp Casing Rem:	
Hi Cap Property:		Why Not Removed:	
County Well Loc:		Other Drill Method:	
DNR Region:		Other Drillin Desc:	
County:		Screen Diameter:	
Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	45 FEET
Well Complete Date:	01/29/2002	Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	8
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	26	Disinfected:	
Q Section:		Capped:	
QQ Section:		Proper Seal:	
Well Status:	New Well	Contractor Signed:	
Original Year:		Rig Oper Signed:	

Wells and Additional Sources Detail Report

Replace Reason:	Geologic Log No:
Prev WI Well No:	Common Well No:
Replace Well No:	DNR Facility ID:
Well Const Type:	Watr Seq No: 1513778
Other Const Type:	LL Lat Dd Amt:
Category:	LL Long Dd Amt:
No Services:	Survey Range Dir: W
Facility Type:	Well Name:
High Pt Property:	Calc Specific Cap:
In Floodplain:	Well Depth Amt: 64.5
Rotary Mud Circ:	Well Dep Amt Text: 64.5 FEET
Rotary Air:	Static Depth: feet below ground surface
Rotary Foam:	Location Method: Section centroid
Reverse Rotary:	Casing Depth Amt: 45
Cable Tool Bit:	Decade Complete: 2000-2009
Cable Bit Diameter:	
Owner:	
Owner Address: 116 3RD AVE	
Owner City:	
Owner State:	
Owner Zip:	
Constructor Name: WILLIAM D BRUNNER	
Constructor Addr:	
Constructor City:	
Constructor State:	
Constructor Zip:	
Seal Description:	
Drilling Difficulty:	
Other Driller Comments:	
Water Quality Comments:	
Water Quantity	
Comments:	
Exception Area	
Comments:	
Well URL:	
Well Constr Url: https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=QM040	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	NE	0.78	4,120.07	1,090.00	PRIVATE WW

WI Unique Well No: WR565	Temp Outer Cas:
High Cap Well No:	Temp Casing Diam:
Hi Cap Well:	Temp Casing Rem:
Hi Cap Property:	Why Not Removed:
County Well Loc:	Other Drill Method:
DNR Region:	Other Drillin Desc:
County:	Screen Diameter:

Wells and Additional Sources Detail Report

Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	40 FEET
Well Complete Date:	08/20/2001	Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	16
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	26	Disinfected:	
Q Section:		Capped:	
QQ Section:		Proper Seal:	
Well Status:	New Well	Contractor Signed:	
Original Year:		Rig Oper Signed:	
Replace Reason:		Geologic Log No:	
Prev WI Well No:		Common Well No:	
Replace Well No:		DNR Facility ID:	
Well Const Type:		Watr Seq No:	33934226
Other Const Type:		LL Lat Dd Amt:	
Category:		LL Long Dd Amt:	
No Services:		Survey Range Dir:	W
Facility Type:		Well Name:	
High Pt Property:		Calc Specific Cap:	
In Floodplain:		Well Depth Amt:	57
Rotary Mud Circ:		Well Dep Amt Text:	57 FEET
Rotary Air:		Static Depth:	feet below ground surface
Rotary Foam:		Location Method:	Section centroid
Reverse Rotary:		Casing Depth Amt:	40
Cable Tool Bit:		Decade Complete:	2000-2009
Cable Bit Diameter:			
Owner:			
Owner Address:	116 3RD AVE		
Owner City:			
Owner State:			
Owner Zip:			
Constructor Name:	WILLIAM D BRUNNER		
Constructor Addr:			
Constructor City:			
Constructor State:			
Constructor Zip:			
Seal Description:			
Drilling Difficulty:			
Other Driller Comments:			
Water Quality Comments:			
Water Quantity Comments:			

Wells and Additional Sources Detail Report

Exception Area

Comments:

Well URL:

Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=WR565>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	NE	0.78	4,120.07	1,090.00	PRIVATE WW

WI Unique Well No: QM041

High Cap Well No:

Hi Cap Well:

Hi Cap Property:

County Well Loc:

DNR Region:

County:

Muni Type:

Tax Parcel No:

Well Complete Date: 02/13/2002

DNR Rec Date:

Fire No:

Subdivision:

Lot:

Block:

Government Parcel:

Survey Township: 29

Survey Range: 5

Survey Section: 26

Q Section:

QQ Section:

Well Status: New Well

Original Year:

Replace Reason:

Prev WI Well No:

Replace Well No:

Well Const Type:

Other Const Type:

Category:

No Services:

Facility Type:

High Pt Property:

In Floodplain:

Rotary Mud Circ:

Rotary Air:

Rotary Foam:

Reverse Rotary:

Cable Tool Bit:

Cable Bit Diameter:

Temp Outer Cas:

Temp Casing Diam:

Temp Casing Rem:

Why Not Removed:

Other Drill Method:

Other Drillin Desc:

Screen Diameter:

Screen Description:

Casing Depth Amt: 45 FEET

Screen To:

Sealant Method:

Static Depth Amt: 8.2

Pumping Level:

Pumping At:

Pumping Units:

For:

Well Start Depth:

Developed:

Disinfected:

Capped:

Proper Seal:

Contractor Signed:

Rig Oper Signed:

Geologic Log No:

Common Well No:

DNR Facility ID:

Watr Seq No: 1515352

LL Lat Dd Amt:

LL Long Dd Amt:

Survey Range Dir: W

Well Name:

Calc Specific Cap:

Well Depth Amt: 64

Well Dep Amt Text: 64 FEET

Static Depth: feet below ground surface

Location Method: Section centroid

Casing Depth Amt: 45

Decade Complete: 2000-2009

Wells and Additional Sources Detail Report

Owner:
 Owner Address: 116 3RD AVE
 Owner City:
 Owner State:
 Owner Zip:
 Constructor Name: WILLIAM D BRUNNER
 Constructor Addr:
 Constructor City:
 Constructor State:
 Constructor Zip:
 Seal Description:
 Drilling Difficulty:
 Other Driller Comments:
 Water Quality Comments:
 Water Quantity
 Comments:
 Exception Area
 Comments:
 Well URL:
 Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=QM041>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	NE	0.78	4,120.07	1,090.00	PRIVATE WW

WI Unique Well No:	XB126	Temp Outer Cas:	
High Cap Well No:		Temp Casing Diam:	
Hi Cap Well:		Temp Casing Rem:	
Hi Cap Property:		Why Not Removed:	
County Well Loc:		Other Drill Method:	
DNR Region:		Other Drillin Desc:	
County:		Screen Diameter:	
Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	47 FEET
Well Complete Date:	05/20/2013	Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	7
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	26	Disinfected:	
Q Section:		Capped:	
QQ Section:		Proper Seal:	
Well Status:	Reconstruction	Contractor Signed:	
Original Year:		Rig Oper Signed:	

Wells and Additional Sources Detail Report

Replace Reason:	Geologic Log No:
Prev WI Well No:	Common Well No:
Replace Well No:	DNR Facility ID:
Well Const Type:	Watr Seq No: 38613442
Other Const Type:	LL Lat Dd Amt:
Category:	LL Long Dd Amt:
No Services:	Survey Range Dir: W
Facility Type:	Well Name:
High Pt Property:	Calc Specific Cap:
In Floodplain:	Well Depth Amt: 57
Rotary Mud Circ:	Well Dep Amt Text: 57 FEET
Rotary Air:	Static Depth: feet below ground surface
Rotary Foam:	Location Method: Section centroid
Reverse Rotary:	Casing Depth Amt: 47
Cable Tool Bit:	Decade Complete: 2010-2019
Cable Bit Diameter:	
Owner:	
Owner Address: 116 3RD AVE	
Owner City:	
Owner State:	
Owner Zip:	
Constructor Name: WILLIAM D BRUNNER	
Constructor Addr:	
Constructor City:	
Constructor State:	
Constructor Zip:	
Seal Description:	
Drilling Difficulty:	
Other Driller Comments:	
Water Quality Comments:	
Water Quantity	
Comments:	
Exception Area	
Comments:	
Well URL:	
Well Constr Url: https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=XB126	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
26	NE	0.78	4,131.97	1,090.18	PRIVATE WW

WI Unique Well No: 8BC445	Temp Outer Cas:
High Cap Well No:	Temp Casing Diam:
Hi Cap Well:	Temp Casing Rem:
Hi Cap Property:	Why Not Removed:
County Well Loc:	Other Drill Method:
DNR Region:	Other Drillin Desc:
County:	Screen Diameter:

Wells and Additional Sources Detail Report

Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	
Well Complete Date:		Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	26	Disinfected:	
Q Section:	NW	Capped:	
QQ Section:	SE	Proper Seal:	
Well Status:		Contractor Signed:	
Original Year:		Rig Oper Signed:	
Replace Reason:		Geologic Log No:	
Prev WI Well No:		Common Well No:	
Replace Well No:		DNR Facility ID:	
Well Const Type:		Watr Seq No:	113777979
Other Const Type:		LL Lat Dd Amt:	
Category:		LL Long Dd Amt:	
No Services:		Survey Range Dir:	W
Facility Type:		Well Name:	
High Pt Property:		Calc Specific Cap:	
In Floodplain:		Well Depth Amt:	
Rotary Mud Circ:		Well Dep Amt Text:	
Rotary Air:		Static Depth:	
Rotary Foam:		Location Method:	QQ section centroid
Reverse Rotary:		Casing Depth Amt:	
Cable Tool Bit:		Decade Complete:	
Cable Bit Diameter:			
Owner:			
Owner Address:			
Owner City:			
Owner State:			
Owner Zip:			
Constructor Name:			
Constructor Addr:			
Constructor City:			
Constructor State:			
Constructor Zip:			
Seal Description:			
Drilling Difficulty:			
Other Driller Comments:			
Water Quality Comments:			
Water Quantity Comments:			

Wells and Additional Sources Detail Report

Exception Area

Comments:

Well URL:

Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8BC445>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
27	SSW	0.80	4,199.96	1,088.62	PRIVATE WW

WI Unique Well No: NN082

High Cap Well No:

Hi Cap Well:

Hi Cap Property:

County Well Loc:

DNR Region:

County:

Muni Type:

Tax Parcel No:

Well Complete Date: 11/02/1999

DNR Rec Date:

Fire No:

Subdivision:

Lot:

Block:

Government Parcel:

Survey Township: 28

Survey Range: 5

Survey Section: 3

Q Section: NW

QQ Section: NW

Well Status: Replacement

Original Year:

Replace Reason:

Prev WI Well No:

Replace Well No:

Well Const Type:

Other Const Type:

Category:

No Services:

Facility Type:

High Pt Property:

In Floodplain:

Rotary Mud Circ:

Rotary Air:

Rotary Foam:

Reverse Rotary:

Cable Tool Bit:

Cable Bit Diameter:

Temp Outer Cas:

Temp Casing Diam:

Temp Casing Rem:

Why Not Removed:

Other Drill Method:

Other Drillin Desc:

Screen Diameter:

Screen Description:

Casing Depth Amt: 38 FEET

Screen To:

Sealant Method:

Static Depth Amt: 18

Pumping Level:

Pumping At:

Pumping Units:

For:

Well Start Depth:

Developed:

Disinfected:

Capped:

Proper Seal:

Contractor Signed:

Rig Oper Signed:

Geologic Log No:

Common Well No:

DNR Facility ID:

Watr Seq No: 1051121

LL Lat Dd Amt:

LL Long Dd Amt:

Survey Range Dir: W

Well Name:

Calc Specific Cap:

Well Depth Amt: 65

Well Dep Amt Text: 65 FEET

Static Depth: feet below ground surface

Location Method: QQ section centroid

Casing Depth Amt: 38

Decade Complete: 1990-1999

Wells and Additional Sources Detail Report

Owner:
 Owner Address: 6935 CTY HWY G
 Owner City:
 Owner State:
 Owner Zip:
 Constructor Name: KLINE WELL & PUMP INC
 Constructor Addr:
 Constructor City:
 Constructor State:
 Constructor Zip:
 Seal Description:
 Drilling Difficulty:
 Other Driller Comments:
 Water Quality Comments:
 Water Quantity
 Comments:
 Exception Area
 Comments:
 Well URL:
 Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=NN082>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
27	SSW	0.80	4,199.96	1,088.62	PRIVATE WW

WI Unique Well No:	8BA813	Temp Outer Cas:
High Cap Well No:		Temp Casing Diam:
Hi Cap Well:		Temp Casing Rem:
Hi Cap Property:		Why Not Removed:
County Well Loc:		Other Drill Method:
DNR Region:		Other Drillin Desc:
County:		Screen Diameter:
Muni Type:		Screen Description:
Tax Parcel No:		Casing Depth Amt:
Well Complete Date:		Screen To:
DNR Rec Date:		Sealant Method:
Fire No:		Static Depth Amt:
Subdivision:		Pumping Level:
Lot:		Pumping At:
Block:		Pumping Units:
Government Parcel:		For:
Survey Township:	28	Well Start Depth:
Survey Range:	5	Developed:
Survey Section:	3	Disinfected:
Q Section:	NW	Capped:
QQ Section:	NW	Proper Seal:
Well Status:		Contractor Signed:
Original Year:		Rig Oper Signed:

Wells and Additional Sources Detail Report

Replace Reason:	Geologic Log No:
Prev WI Well No:	Common Well No:
Replace Well No:	DNR Facility ID:
Well Const Type:	Watr Seq No: 113776343
Other Const Type:	LL Lat Dd Amt:
Category:	LL Long Dd Amt:
No Services:	Survey Range Dir: W
Facility Type:	Well Name:
High Pt Property:	Calc Specific Cap:
In Floodplain:	Well Depth Amt:
Rotary Mud Circ:	Well Dep Amt Text:
Rotary Air:	Static Depth:
Rotary Foam:	Location Method: QQ section centroid
Reverse Rotary:	Casing Depth Amt:
Cable Tool Bit:	Decade Complete:
Cable Bit Diameter:	
Owner:	
Owner Address:	
Owner City:	
Owner State:	
Owner Zip:	
Constructor Name:	
Constructor Addr:	
Constructor City:	
Constructor State:	
Constructor Zip:	
Seal Description:	
Drilling Difficulty:	
Other Driller Comments:	
Water Quality Comments:	
Water Quantity	
Comments:	
Exception Area	
Comments:	
Well URL:	
Well Constr Url:	https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8BA813

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
28	SSE	0.85	4,496.23	1,101.68	PRIVATE WW

WI Unique Well No:	QZ363	Temp Outer Cas:
High Cap Well No:		Temp Casing Diam:
Hi Cap Well:		Temp Casing Rem:
Hi Cap Property:		Why Not Removed:
County Well Loc:		Other Drill Method:
DNR Region:		Other Drillin Desc:
County:		Screen Diameter:

Wells and Additional Sources Detail Report

Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	31 FEET
Well Complete Date:	08/28/2002	Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	18
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	28	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	3	Disinfected:	
Q Section:	NE	Capped:	
QQ Section:	SE	Proper Seal:	
Well Status:	New Well	Contractor Signed:	
Original Year:		Rig Oper Signed:	
Replace Reason:		Geologic Log No:	
Prev WI Well No:		Common Well No:	
Replace Well No:		DNR Facility ID:	
Well Const Type:		Watr Seq No:	1339894
Other Const Type:		LL Lat Dd Amt:	44.9399
Category:		LL Long Dd Amt:	-90.9653
No Services:		Survey Range Dir:	W
Facility Type:		Well Name:	
High Pt Property:		Calc Specific Cap:	
In Floodplain:		Well Depth Amt:	58
Rotary Mud Circ:		Well Dep Amt Text:	58 FEET
Rotary Air:		Static Depth:	feet below ground surface
Rotary Foam:		Location Method:	Parcel centroid
Reverse Rotary:		Casing Depth Amt:	31
Cable Tool Bit:		Decade Complete:	2000-2009
Cable Bit Diameter:			
Owner:			
Owner Address:	N14638 SANDHILL AVE		
Owner City:			
Owner State:			
Owner Zip:			
Constructor Name:	JESSE W BRUNNER		
Constructor Addr:			
Constructor City:			
Constructor State:			
Constructor Zip:			
Seal Description:			
Drilling Difficulty:			
Other Driller Comments:			
Water Quality Comments:			
Water Quantity Comments:			

Wells and Additional Sources Detail Report

Exception Area

Comments:

Well URL:

Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=QZ363>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
29	N	0.88	4,659.27	1,147.95	PRIVATE WW

WI Unique Well No:	8BC449	Temp Outer Cas:	
High Cap Well No:		Temp Casing Diam:	
Hi Cap Well:		Temp Casing Rem:	
Hi Cap Property:		Why Not Removed:	
County Well Loc:		Other Drill Method:	
DNR Region:		Other Drillin Desc:	
County:		Screen Diameter:	
Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	
Well Complete Date:		Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	27	Disinfected:	
Q Section:	NE	Capped:	
QQ Section:	NW	Proper Seal:	
Well Status:		Contractor Signed:	
Original Year:		Rig Oper Signed:	
Replace Reason:		Geologic Log No:	
Prev WI Well No:		Common Well No:	
Replace Well No:		DNR Facility ID:	
Well Const Type:		Watr Seq No:	113777983
Other Const Type:		LL Lat Dd Amt:	
Category:		LL Long Dd Amt:	
No Services:		Survey Range Dir:	W
Facility Type:		Well Name:	
High Pt Property:		Calc Specific Cap:	
In Floodplain:		Well Depth Amt:	
Rotary Mud Circ:		Well Dep Amt Text:	
Rotary Air:		Static Depth:	
Rotary Foam:		Location Method:	QQ section centroid
Reverse Rotary:		Casing Depth Amt:	
Cable Tool Bit:		Decade Complete:	
Cable Bit Diameter:			

Wells and Additional Sources Detail Report

Owner:
 Owner Address:
 Owner City:
 Owner State:
 Owner Zip:
 Constructor Name:
 Constructor Addr:
 Constructor City:
 Constructor State:
 Constructor Zip:
 Seal Description:
 Drilling Difficulty:
 Other Driller Comments:
 Water Quality Comments:
 Water Quantity
 Comments:
 Exception Area
 Comments:
 Well URL:
 Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8BC449>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
29	N	0.88	4,659.27	1,147.95	PRIVATE WW

WI Unique Well No:	XL716	Temp Outer Cas:	
High Cap Well No:		Temp Casing Diam:	
Hi Cap Well:		Temp Casing Rem:	
Hi Cap Property:		Why Not Removed:	
County Well Loc:		Other Drill Method:	
DNR Region:		Other Drillin Desc:	
County:		Screen Diameter:	
Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	67 FEET
Well Complete Date:	04/09/2015	Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	60
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	27	Disinfected:	
Q Section:	NE	Capped:	
QQ Section:	NW	Proper Seal:	
Well Status:	Replacement	Contractor Signed:	
Original Year:		Rig Oper Signed:	

Wells and Additional Sources Detail Report

Replace Reason:	Geologic Log No:
Prev WI Well No:	Common Well No:
Replace Well No:	DNR Facility ID:
Well Const Type:	Watr Seq No: 64032616
Other Const Type:	LL Lat Dd Amt:
Category:	LL Long Dd Amt:
No Services:	Survey Range Dir: W
Facility Type:	Well Name:
High Pt Property:	Calc Specific Cap:
In Floodplain:	Well Depth Amt: 120
Rotary Mud Circ:	Well Dep Amt Text: 120 FEET
Rotary Air:	Static Depth: feet below ground surface
Rotary Foam:	Location Method: QQ section centroid
Reverse Rotary:	Casing Depth Amt: 67
Cable Tool Bit:	Decade Complete: 2010-2019
Cable Bit Diameter:	
Owner:	
Owner Address: 8839 345 ST	
Owner City:	
Owner State:	
Owner Zip:	
Constructor Name: MIDWEST HYDROFRACKING LLC	
Constructor Addr:	
Constructor City:	
Constructor State:	
Constructor Zip:	
Seal Description:	
Drilling Difficulty:	
Other Driller Comments:	
Water Quality Comments:	
Water Quantity	
Comments:	
Exception Area	
Comments:	
Well URL:	
Well Constr Url: https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=XL716	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
30	SE	0.82	4,348.25	1,079.76	PRIVATE WW

WI Unique Well No: DS293	Temp Outer Cas:
High Cap Well No:	Temp Casing Diam:
Hi Cap Well:	Temp Casing Rem:
Hi Cap Property:	Why Not Removed:
County Well Loc:	Other Drill Method:
DNR Region:	Other Drillin Desc:
County:	Screen Diameter:

Wells and Additional Sources Detail Report

Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	49 FEET
Well Complete Date:	07/25/1991	Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	8
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	28	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	2	Disinfected:	
Q Section:	NW	Capped:	
QQ Section:	NE	Proper Seal:	
Well Status:	Replacement	Contractor Signed:	
Original Year:		Rig Oper Signed:	
Replace Reason:		Geologic Log No:	
Prev WI Well No:		Common Well No:	
Replace Well No:		DNR Facility ID:	
Well Const Type:		Watr Seq No:	588184
Other Const Type:		LL Lat Dd Amt:	
Category:		LL Long Dd Amt:	
No Services:		Survey Range Dir:	W
Facility Type:		Well Name:	
High Pt Property:		Calc Specific Cap:	
In Floodplain:		Well Depth Amt:	98
Rotary Mud Circ:		Well Dep Amt Text:	98 FEET
Rotary Air:		Static Depth:	feet below ground surface
Rotary Foam:		Location Method:	QQ section centroid
Reverse Rotary:		Casing Depth Amt:	49
Cable Tool Bit:		Decade Complete:	1990-1999
Cable Bit Diameter:			
Owner:			
Owner Address:	RR 1 CO TK X		
Owner City:			
Owner State:			
Owner Zip:			
Constructor Name:	JOHN J HATFIELD		
Constructor Addr:			
Constructor City:			
Constructor State:			
Constructor Zip:			
Seal Description:			
Drilling Difficulty:			
Other Driller Comments:			
Water Quality Comments:			
Water Quantity Comments:			

Wells and Additional Sources Detail Report

Exception Area

Comments:

Well URL:

Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=DS293>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
30	SE	0.82	4,348.25	1,079.76	PRIVATE WW

WI Unique Well No: 8AZ674

High Cap Well No:

Hi Cap Well:

Hi Cap Property:

County Well Loc:

DNR Region:

County:

Muni Type:

Tax Parcel No:

Well Complete Date:

DNR Rec Date:

Fire No:

Subdivision:

Lot:

Block:

Government Parcel:

Survey Township: 28

Survey Range: 5

Survey Section: 2

Q Section: NW

QQ Section: NE

Well Status:

Original Year:

Replace Reason:

Prev WI Well No:

Replace Well No:

Well Const Type:

Other Const Type:

Category:

No Services:

Facility Type:

High Pt Property:

In Floodplain:

Rotary Mud Circ:

Rotary Air:

Rotary Foam:

Reverse Rotary:

Cable Tool Bit:

Cable Bit Diameter:

Temp Outer Cas:

Temp Casing Diam:

Temp Casing Rem:

Why Not Removed:

Other Drill Method:

Other Drillin Desc:

Screen Diameter:

Screen Description:

Casing Depth Amt:

Screen To:

Sealant Method:

Static Depth Amt:

Pumping Level:

Pumping At:

Pumping Units:

For:

Well Start Depth:

Developed:

Disinfected:

Capped:

Proper Seal:

Contractor Signed:

Rig Oper Signed:

Geologic Log No:

Common Well No:

DNR Facility ID:

Watr Seq No: 113775200

LL Lat Dd Amt:

LL Long Dd Amt:

Survey Range Dir: W

Well Name:

Calc Specific Cap:

Well Depth Amt:

Well Dep Amt Text:

Static Depth:

Location Method: QQ section centroid

Casing Depth Amt:

Decade Complete:

Wells and Additional Sources Detail Report

Owner:
 Owner Address:
 Owner City:
 Owner State:
 Owner Zip:
 Constructor Name:
 Constructor Addr:
 Constructor City:
 Constructor State:
 Constructor Zip:
 Seal Description:
 Drilling Difficulty:
 Other Driller Comments:
 Water Quality Comments:
 Water Quantity
 Comments:
 Exception Area
 Comments:
 Well URL:
 Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8AZ674>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
31	N	0.96	5,048.50	1,120.15	PRIVATE WW

WI Unique Well No:	UV629	Temp Outer Cas:	
High Cap Well No:		Temp Casing Diam:	
Hi Cap Well:		Temp Casing Rem:	
Hi Cap Property:		Why Not Removed:	
County Well Loc:		Other Drill Method:	
DNR Region:		Other Drillin Desc:	
County:		Screen Diameter:	
Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	50.5 FEET
Well Complete Date:	09/14/2009	Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	32
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	27	Disinfected:	
Q Section:	NE	Capped:	
QQ Section:	NE	Proper Seal:	
Well Status:	Replacement	Contractor Signed:	
Original Year:		Rig Oper Signed:	

Wells and Additional Sources Detail Report

Replace Reason:	Geologic Log No:
Prev WI Well No:	Common Well No:
Replace Well No:	DNR Facility ID:
Well Const Type:	Watr Seq No: 1881331
Other Const Type:	LL Lat Dd Amt: 44.9724167
Category:	LL Long Dd Amt: -90.9642333
No Services:	Survey Range Dir: W
Facility Type:	Well Name:
High Pt Property:	Calc Specific Cap:
In Floodplain:	Well Depth Amt: 200
Rotary Mud Circ:	Well Dep Amt Text: 200 FEET
Rotary Air:	Static Depth: feet below ground surface
Rotary Foam:	Location Method: Latitude and longitude
Reverse Rotary:	Casing Depth Amt: 50.5
Cable Tool Bit:	Decade Complete: 2000-2009
Cable Bit Diameter:	
Owner:	
Owner Address: 8900 350TH ST	
Owner City:	
Owner State:	
Owner Zip:	
Constructor Name: PEAK WELL DRILLING LLC	
Constructor Addr:	
Constructor City:	
Constructor State:	
Constructor Zip:	
Seal Description:	
Drilling Difficulty:	
Other Driller Comments:	
Water Quality Comments:	
Water Quantity	
Comments:	
Exception Area	
Comments:	
Well URL:	
Well Constr Url: https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=UV629	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
32	ENE	0.93	4,932.76	1,080.31	PRIVATE WW

WI Unique Well No: 8BC443	Temp Outer Cas:
High Cap Well No:	Temp Casing Diam:
Hi Cap Well:	Temp Casing Rem:
Hi Cap Property:	Why Not Removed:
County Well Loc:	Other Drill Method:
DNR Region:	Other Drillin Desc:
County:	Screen Diameter:

Wells and Additional Sources Detail Report

Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	
Well Complete Date:		Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	26	Disinfected:	
Q Section:	SE	Capped:	
QQ Section:	SE	Proper Seal:	
Well Status:		Contractor Signed:	
Original Year:		Rig Oper Signed:	
Replace Reason:		Geologic Log No:	
Prev WI Well No:		Common Well No:	
Replace Well No:		DNR Facility ID:	
Well Const Type:		Watr Seq No:	113777977
Other Const Type:		LL Lat Dd Amt:	
Category:		LL Long Dd Amt:	
No Services:		Survey Range Dir:	W
Facility Type:		Well Name:	
High Pt Property:		Calc Specific Cap:	
In Floodplain:		Well Depth Amt:	
Rotary Mud Circ:		Well Dep Amt Text:	
Rotary Air:		Static Depth:	
Rotary Foam:		Location Method:	QQ section centroid
Reverse Rotary:		Casing Depth Amt:	
Cable Tool Bit:		Decade Complete:	
Cable Bit Diameter:			
Owner:			
Owner Address:			
Owner City:			
Owner State:			
Owner Zip:			
Constructor Name:			
Constructor Addr:			
Constructor City:			
Constructor State:			
Constructor Zip:			
Seal Description:			
Drilling Difficulty:			
Other Driller Comments:			
Water Quality Comments:			
Water Quantity Comments:			

Wells and Additional Sources Detail Report

Exception Area

Comments:

Well URL:

Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8BC443>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
32	ENE	0.93	4,932.76	1,080.31	PRIVATE WW

WI Unique Well No: 8BC444

High Cap Well No:

Hi Cap Well:

Hi Cap Property:

County Well Loc:

DNR Region:

County:

Muni Type:

Tax Parcel No:

Well Complete Date:

DNR Rec Date:

Fire No:

Subdivision:

Lot:

Block:

Government Parcel:

Survey Township: 29

Survey Range: 5

Survey Section: 26

Q Section: SE

QQ Section: SE

Well Status:

Original Year:

Replace Reason:

Prev WI Well No:

Replace Well No:

Well Const Type:

Other Const Type:

Category:

No Services:

Facility Type:

High Pt Property:

In Floodplain:

Rotary Mud Circ:

Rotary Air:

Rotary Foam:

Reverse Rotary:

Cable Tool Bit:

Cable Bit Diameter:

Temp Outer Cas:

Temp Casing Diam:

Temp Casing Rem:

Why Not Removed:

Other Drill Method:

Other Drillin Desc:

Screen Diameter:

Screen Description:

Casing Depth Amt:

Screen To:

Sealant Method:

Static Depth Amt:

Pumping Level:

Pumping At:

Pumping Units:

For:

Well Start Depth:

Developed:

Disinfected:

Capped:

Proper Seal:

Contractor Signed:

Rig Oper Signed:

Geologic Log No:

Common Well No:

DNR Facility ID:

Watr Seq No: 113777978

LL Lat Dd Amt:

LL Long Dd Amt:

Survey Range Dir: W

Well Name:

Calc Specific Cap:

Well Depth Amt:

Well Dep Amt Text:

Static Depth:

Location Method: QQ section centroid

Casing Depth Amt:

Decade Complete:

Wells and Additional Sources Detail Report

Owner:
 Owner Address:
 Owner City:
 Owner State:
 Owner Zip:
 Constructor Name:
 Constructor Addr:
 Constructor City:
 Constructor State:
 Constructor Zip:
 Seal Description:
 Drilling Difficulty:
 Other Driller Comments:
 Water Quality Comments:
 Water Quantity
 Comments:
 Exception Area
 Comments:
 Well URL:
 Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8BC444>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
32	ENE	0.93	4,932.76	1,080.31	PRIVATE WW

WI Unique Well No:	8BC442	Temp Outer Cas:
High Cap Well No:		Temp Casing Diam:
Hi Cap Well:		Temp Casing Rem:
Hi Cap Property:		Why Not Removed:
County Well Loc:		Other Drill Method:
DNR Region:		Other Drillin Desc:
County:		Screen Diameter:
Muni Type:		Screen Description:
Tax Parcel No:		Casing Depth Amt:
Well Complete Date:		Screen To:
DNR Rec Date:		Sealant Method:
Fire No:		Static Depth Amt:
Subdivision:		Pumping Level:
Lot:		Pumping At:
Block:		Pumping Units:
Government Parcel:		For:
Survey Township:	29	Well Start Depth:
Survey Range:	5	Developed:
Survey Section:	26	Disinfected:
Q Section:	SE	Capped:
QQ Section:	SE	Proper Seal:
Well Status:		Contractor Signed:
Original Year:		Rig Oper Signed:

Wells and Additional Sources Detail Report

Replace Reason:	Geologic Log No:
Prev WI Well No:	Common Well No:
Replace Well No:	DNR Facility ID:
Well Const Type:	Watr Seq No: 113777976
Other Const Type:	LL Lat Dd Amt:
Category:	LL Long Dd Amt:
No Services:	Survey Range Dir: W
Facility Type:	Well Name:
High Pt Property:	Calc Specific Cap:
In Floodplain:	Well Depth Amt:
Rotary Mud Circ:	Well Dep Amt Text:
Rotary Air:	Static Depth:
Rotary Foam:	Location Method: QQ section centroid
Reverse Rotary:	Casing Depth Amt:
Cable Tool Bit:	Decade Complete:
Cable Bit Diameter:	
Owner:	
Owner Address:	
Owner City:	
Owner State:	
Owner Zip:	
Constructor Name:	
Constructor Addr:	
Constructor City:	
Constructor State:	
Constructor Zip:	
Seal Description:	
Drilling Difficulty:	
Other Driller Comments:	
Water Quality Comments:	
Water Quantity	
Comments:	
Exception Area	
Comments:	
Well URL:	
Well Constr Url:	https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8BC442

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	SSE	0.96	5,045.43	1,100.29	PRIVATE WW

WI Unique Well No:	NJ207	Temp Outer Cas:
High Cap Well No:		Temp Casing Diam:
Hi Cap Well:		Temp Casing Rem:
Hi Cap Property:		Why Not Removed:
County Well Loc:		Other Drill Method:
DNR Region:		Other Drillin Desc:
County:		Screen Diameter:

Wells and Additional Sources Detail Report

Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	30 FEET
Well Complete Date:	07/24/1999	Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	12
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	28	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	2	Disinfected:	
Q Section:	NW	Capped:	
QQ Section:	SW	Proper Seal:	
Well Status:	New Well	Contractor Signed:	
Original Year:		Rig Oper Signed:	
Replace Reason:		Geologic Log No:	
Prev WI Well No:		Common Well No:	
Replace Well No:		DNR Facility ID:	
Well Const Type:		Watr Seq No:	1044569
Other Const Type:		LL Lat Dd Amt:	
Category:		LL Long Dd Amt:	
No Services:		Survey Range Dir:	W
Facility Type:		Well Name:	
High Pt Property:		Calc Specific Cap:	
In Floodplain:		Well Depth Amt:	38
Rotary Mud Circ:		Well Dep Amt Text:	38 FEET
Rotary Air:		Static Depth:	feet below ground surface
Rotary Foam:		Location Method:	QQ section centroid
Reverse Rotary:		Casing Depth Amt:	30
Cable Tool Bit:		Decade Complete:	1990-1999
Cable Bit Diameter:			
Owner:			
Owner Address:	RR 1 BOX 7		
Owner City:			
Owner State:			
Owner Zip:			
Constructor Name:	WILLIAM D BRUNNER		
Constructor Addr:			
Constructor City:			
Constructor State:			
Constructor Zip:			
Seal Description:			
Drilling Difficulty:			
Other Driller Comments:			
Water Quality Comments:			
Water Quantity Comments:			

Wells and Additional Sources Detail Report

Exception Area

Comments:

Well URL:

<https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=NJ207>

Well Constr Url:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
34	ESE	0.95	5,008.02	1,070.02	PRIVATE WW

WI Unique Well No: YA969

High Cap Well No:

Hi Cap Well:

Hi Cap Property:

County Well Loc:

DNR Region:

County:

Muni Type:

Tax Parcel No:

Well Complete Date: 01/21/2017

DNR Rec Date:

Fire No:

Subdivision:

Lot:

Block:

Government Parcel:

Survey Township: 29

Survey Range: 5

Survey Section: 35

Q Section: SE

QQ Section: SE

Well Status: New Well

Original Year:

Replace Reason:

Prev WI Well No:

Replace Well No:

Well Const Type:

Other Const Type:

Category:

No Services:

Facility Type:

High Pt Property:

In Floodplain:

Rotary Mud Circ:

Rotary Air:

Rotary Foam:

Reverse Rotary:

Cable Tool Bit:

Cable Bit Diameter:

Temp Outer Cas:

Temp Casing Diam:

Temp Casing Rem:

Why Not Removed:

Other Drill Method:

Other Drillin Desc:

Screen Diameter:

Screen Description:

Casing Depth Amt: 47 FEET

Screen To:

Sealant Method:

Static Depth Amt: 16

Pumping Level:

Pumping At:

Pumping Units:

For:

Well Start Depth:

Developed:

Disinfected:

Capped:

Proper Seal:

Contractor Signed:

Rig Oper Signed:

Geologic Log No:

Common Well No:

DNR Facility ID:

Watr Seq No: 93302413

LL Lat Dd Amt: 44.945519999999995

LL Long Dd Amt: -90.948619999999999

Survey Range Dir: W

Well Name:

Calc Specific Cap:

Well Depth Amt: 100

Well Dep Amt Text: 100 FEET

Static Depth: feet below ground surface

Location Method: Latitude and longitude

Casing Depth Amt: 47

Decade Complete: 2010-2019

Wells and Additional Sources Detail Report

Owner:
 Owner Address: W13687 SHINER DR
 Owner City:
 Owner State:
 Owner Zip:
 Constructor Name: MIDWEST HYDROFRACKING LLC
 Constructor Addr:
 Constructor City:
 Constructor State:
 Constructor Zip:
 Seal Description:
 Drilling Difficulty:
 Other Driller Comments:
 Water Quality Comments:
 Water Quantity
 Comments:
 Exception Area
 Comments:
 Well URL:
 Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=YA969>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
35	ESE	0.97	5,126.85	1,071.38	PRIVATE WW

WI Unique Well No:	8BC462	Temp Outer Cas:
High Cap Well No:		Temp Casing Diam:
Hi Cap Well:		Temp Casing Rem:
Hi Cap Property:		Why Not Removed:
County Well Loc:		Other Drill Method:
DNR Region:		Other Drillin Desc:
County:		Screen Diameter:
Muni Type:		Screen Description:
Tax Parcel No:		Casing Depth Amt:
Well Complete Date:		Screen To:
DNR Rec Date:		Sealant Method:
Fire No:		Static Depth Amt:
Subdivision:		Pumping Level:
Lot:		Pumping At:
Block:		Pumping Units:
Government Parcel:		For:
Survey Township:	29	Well Start Depth:
Survey Range:	5	Developed:
Survey Section:	35	Disinfected:
Q Section:	SE	Capped:
QQ Section:	NE	Proper Seal:
Well Status:		Contractor Signed:
Original Year:		Rig Oper Signed:

Wells and Additional Sources Detail Report

Replace Reason:	Geologic Log No:
Prev WI Well No:	Common Well No:
Replace Well No:	DNR Facility ID:
Well Const Type:	Watr Seq No: 113777996
Other Const Type:	LL Lat Dd Amt:
Category:	LL Long Dd Amt:
No Services:	Survey Range Dir: W
Facility Type:	Well Name:
High Pt Property:	Calc Specific Cap:
In Floodplain:	Well Depth Amt:
Rotary Mud Circ:	Well Dep Amt Text:
Rotary Air:	Static Depth:
Rotary Foam:	Location Method: QQ section centroid
Reverse Rotary:	Casing Depth Amt:
Cable Tool Bit:	Decade Complete:
Cable Bit Diameter:	
Owner:	
Owner Address:	
Owner City:	
Owner State:	
Owner Zip:	
Constructor Name:	
Constructor Addr:	
Constructor City:	
Constructor State:	
Constructor Zip:	
Seal Description:	
Drilling Difficulty:	
Other Driller Comments:	
Water Quality Comments:	
Water Quantity Comments:	
Exception Area Comments:	
Well URL:	https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8BC462
Well Constr Url:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
35	ESE	0.97	5,126.85	1,071.38	PRIVATE WW

WI Unique Well No:	MY658	Temp Outer Cas:
High Cap Well No:		Temp Casing Diam:
Hi Cap Well:		Temp Casing Rem:
Hi Cap Property:		Why Not Removed:
County Well Loc:		Other Drill Method:
DNR Region:		Other Drillin Desc:
County:		Screen Diameter:

Wells and Additional Sources Detail Report

Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	49 FEET
Well Complete Date:	11/17/1998	Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	18
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	35	Disinfected:	
Q Section:	SE	Capped:	
QQ Section:	NE	Proper Seal:	
Well Status:	New Well	Contractor Signed:	
Original Year:		Rig Oper Signed:	
Replace Reason:		Geologic Log No:	
Prev WI Well No:		Common Well No:	
Replace Well No:		DNR Facility ID:	
Well Const Type:		Watr Seq No:	1024180
Other Const Type:		LL Lat Dd Amt:	
Category:		LL Long Dd Amt:	
No Services:		Survey Range Dir:	W
Facility Type:		Well Name:	
High Pt Property:		Calc Specific Cap:	
In Floodplain:		Well Depth Amt:	95
Rotary Mud Circ:		Well Dep Amt Text:	95 FEET
Rotary Air:		Static Depth:	feet below ground surface
Rotary Foam:		Location Method:	QQ section centroid
Reverse Rotary:		Casing Depth Amt:	49
Cable Tool Bit:		Decade Complete:	1990-1999
Cable Bit Diameter:			
Owner:			
Owner Address:	31661 CTY HWY O		
Owner City:			
Owner State:			
Owner Zip:			
Constructor Name:	JOHN J HATFIELD		
Constructor Addr:			
Constructor City:			
Constructor State:			
Constructor Zip:			
Seal Description:			
Drilling Difficulty:			
Other Driller Comments:			
Water Quality Comments:			
Water Quantity Comments:			

Wells and Additional Sources Detail Report

Exception Area

Comments:

Well URL:

Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=MY658>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
36	SW	0.95	5,014.19	1,114.11	PRIVATE WW

WI Unique Well No: FP106

High Cap Well No:

Hi Cap Well:

Hi Cap Property:

County Well Loc:

DNR Region:

County:

Muni Type:

Tax Parcel No:

Well Complete Date: 06/24/1994

DNR Rec Date:

Fire No:

Subdivision:

Lot:

Block:

Government Parcel:

Survey Township: 28

Survey Range: 5

Survey Section: 4

Q Section: NE

QQ Section: NE

Well Status: New Well

Original Year:

Replace Reason:

Prev WI Well No:

Replace Well No:

Well Const Type:

Other Const Type:

Category:

No Services:

Facility Type:

High Pt Property:

In Floodplain:

Rotary Mud Circ:

Rotary Air:

Rotary Foam:

Reverse Rotary:

Cable Tool Bit:

Cable Bit Diameter:

Temp Outer Cas:

Temp Casing Diam:

Temp Casing Rem:

Why Not Removed:

Other Drill Method:

Other Drillin Desc:

Screen Diameter:

Screen Description:

Casing Depth Amt: 31 FEET

Screen To:

Sealant Method:

Static Depth Amt: 25

Pumping Level:

Pumping At:

Pumping Units:

For:

Well Start Depth:

Developed:

Disinfected:

Capped:

Proper Seal:

Contractor Signed:

Rig Oper Signed:

Geologic Log No:

Common Well No:

DNR Facility ID:

Watr Seq No: 606251

LL Lat Dd Amt:

LL Long Dd Amt:

Survey Range Dir: W

Well Name:

Calc Specific Cap:

Well Depth Amt: 55

Well Dep Amt Text: 55 FEET

Static Depth: feet below ground surface

Location Method: QQ section centroid

Casing Depth Amt: 31

Decade Complete: 1990-1999

Wells and Additional Sources Detail Report

Owner:
 Owner Address: RR 1 BOX 243
 Owner City:
 Owner State:
 Owner Zip:
 Constructor Name: JOHN J HATFIELD
 Constructor Addr:
 Constructor City:
 Constructor State:
 Constructor Zip:
 Seal Description:
 Drilling Difficulty:
 Other Driller Comments:
 Water Quality Comments:
 Water Quantity
 Comments:
 Exception Area
 Comments:
 Well URL:
 Well Constr Url: <https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=FP106>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
37	NE	0.96	5,056.01	1,089.53	PRIVATE WW

WI Unique Well No:	8BA166	Temp Outer Cas:
High Cap Well No:		Temp Casing Diam:
Hi Cap Well:		Temp Casing Rem:
Hi Cap Property:		Why Not Removed:
County Well Loc:		Other Drill Method:
DNR Region:		Other Drillin Desc:
County:		Screen Diameter:
Muni Type:		Screen Description:
Tax Parcel No:		Casing Depth Amt:
Well Complete Date:		Screen To:
DNR Rec Date:		Sealant Method:
Fire No:		Static Depth Amt:
Subdivision:		Pumping Level:
Lot:		Pumping At:
Block:		Pumping Units:
Government Parcel:		For:
Survey Township:	29	Well Start Depth:
Survey Range:	5	Developed:
Survey Section:	26	Disinfected:
Q Section:	NE	Capped:
QQ Section:	SW	Proper Seal:
Well Status:		Contractor Signed:
Original Year:		Rig Oper Signed:

Wells and Additional Sources Detail Report

Replace Reason:	Geologic Log No:
Prev WI Well No:	Common Well No:
Replace Well No:	DNR Facility ID:
Well Const Type:	Watr Seq No: 113775693
Other Const Type:	LL Lat Dd Amt:
Category:	LL Long Dd Amt:
No Services:	Survey Range Dir: W
Facility Type:	Well Name:
High Pt Property:	Calc Specific Cap:
In Floodplain:	Well Depth Amt:
Rotary Mud Circ:	Well Dep Amt Text:
Rotary Air:	Static Depth:
Rotary Foam:	Location Method: QQ section centroid
Reverse Rotary:	Casing Depth Amt:
Cable Tool Bit:	Decade Complete:
Cable Bit Diameter:	
Owner:	
Owner Address:	
Owner City:	
Owner State:	
Owner Zip:	
Constructor Name:	
Constructor Addr:	
Constructor City:	
Constructor State:	
Constructor Zip:	
Seal Description:	
Drilling Difficulty:	
Other Driller Comments:	
Water Quality Comments:	
Water Quantity Comments:	
Exception Area Comments:	
Well URL:	
Well Constr Url:	https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8BA166

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	WSW	1.00	5,255.47	1,161.59	PRIVATE WW

WI Unique Well No:	MY670	Temp Outer Cas:
High Cap Well No:		Temp Casing Diam:
Hi Cap Well:		Temp Casing Rem:
Hi Cap Property:		Why Not Removed:
County Well Loc:		Other Drill Method:
DNR Region:		Other Drillin Desc:
County:		Screen Diameter:

Wells and Additional Sources Detail Report

Muni Type:		Screen Description:	
Tax Parcel No:		Casing Depth Amt:	70 FEET
Well Complete Date:	09/13/1999	Screen To:	
DNR Rec Date:		Sealant Method:	
Fire No:		Static Depth Amt:	45
Subdivision:		Pumping Level:	
Lot:		Pumping At:	
Block:		Pumping Units:	
Government Parcel:		For:	
Survey Township:	29	Well Start Depth:	
Survey Range:	5	Developed:	
Survey Section:	33	Disinfected:	
Q Section:	SE	Capped:	
QQ Section:	SW	Proper Seal:	
Well Status:	New Well	Contractor Signed:	
Original Year:		Rig Oper Signed:	
Replace Reason:		Geologic Log No:	
Prev WI Well No:		Common Well No:	
Replace Well No:		DNR Facility ID:	
Well Const Type:		Watr Seq No:	1057232
Other Const Type:		LL Lat Dd Amt:	
Category:		LL Long Dd Amt:	
No Services:		Survey Range Dir:	W
Facility Type:		Well Name:	
High Pt Property:		Calc Specific Cap:	
In Floodplain:		Well Depth Amt:	112
Rotary Mud Circ:		Well Dep Amt Text:	112 FEET
Rotary Air:		Static Depth:	feet below ground surface
Rotary Foam:		Location Method:	QQ section centroid
Reverse Rotary:		Casing Depth Amt:	70
Cable Tool Bit:		Decade Complete:	1990-1999
Cable Bit Diameter:			
Owner:			
Owner Address:	7378 CTY TK G		
Owner City:			
Owner State:			
Owner Zip:			
Constructor Name:	JOHN J HATFIELD		
Constructor Addr:			
Constructor City:			
Constructor State:			
Constructor Zip:			
Seal Description:			
Drilling Difficulty:			
Other Driller Comments:			
Water Quality Comments:			
Water Quantity Comments:			

Wells and Additional Sources Detail Report

Exception Area

Comments:

Well URL:

Well Constr Url:

[https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?
id=WellConstructionReport&download=false&WUWN=MY670](https://dnr.wi.gov/WellConstructionSearch/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=MY670)

Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *CHIPPEWA* County: **2**

Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L

Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L

Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L

Federal Area Radon Information for *CHIPPEWA* County

No Measures/Homes:	18
Geometric Mean:	2.3
Arithmetic Mean:	3.7
Median:	2.7
Standard Deviation:	4.3
Maximum:	18.5
% >4 pCi/L:	33
% >20 pCi/L:	0
Notes on Data Table:	TABLE 1. Screening indoor radon data from the State/EPA Residential Radon Survey of Wisconsin conducted during 1986-87. Data represent 2-7 day charcoal canister measurements from the lowest level of each home tested.

Federal Sources

FEMA National Flood Hazard Layer

FEMA FLOOD

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

Indoor Radon Data

INDOOR RADON

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

Public Water Systems Violations and Enforcement Data

PWSV

List of drinking water violations and enforcement actions from the Safe Drinking Water Information System (SDWIS) made available by the Drinking Water Protection Division of the US EPA's Office of Groundwater and Drinking Water. Enforcement sensitive actions are not included in the data released by the EPA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Radon Zone Level

RADON ZONE

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

Safe Drinking Water Information System (SDWIS)

SDWIS

The Safe Drinking Water Information System (SDWIS) contains information about public water systems as reported to US Environmental Protection Agency (EPA) by the states. Addresses may correspond with the location of the water system, or with a contact address.

Soil Survey Geographic database

SSURGO

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

U.S. Fish & Wildlife Service Wetland Data

US WETLAND

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

USGS Current Topo

US TOPO

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

USGS Geology

US GEOLOGY

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

USGS National Water Information System

FED USGS

The U.S. Geological Survey (USGS)'s National Water Information System (NWIS) is the nation's principal repository of water resources data. This database includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data.

Wells from NWIS

FED USGS

The U.S. Geological Survey's National Water Information System (NWIS) is the nation's principal repository of water resources data. The NWIS includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This NWIS dataset contains select Site Types from the overall NWIS Sites data, limited to the following Group Site Types only: Groundwater Group Site Types: Well, Collector or Ranney type well, Hyporheic-zone well,

Appendix

Interconnected Wells, Multiple wells; Spring Group Site Type: Spring; and Other Group Site Types: Aggregate groundwater use, Cistern.

State Sources

Historic Well Construction Reports (1930-1989)

A list of Historic Well Construction Reports, made available by the Wisconsin Geological and Natural History Survey (WGNHS). The data includes private wells drilled for drinking water use from 1936 to 1989 and was compiled from well construction reports (WCRs) that were submitted by well drillers to the Wisconsin Department of Natural Resources (DNR). Since 1936, well drillers are required by the Wisconsin Department of Natural Resources (DNR) to file a well construction report for the construction of any well used for drinking water.

WATER WELLS

Oil and Gas Wells

As of WI state regulatory agencies, FracTracker Alliance - state of South Wisconsin confirmed not to have any active (drilled but not plugged) oil and gas wells.

OGW

Public Water Supply Systems

The Department of Natural Resources, Bureau of Drinking Water and Groundwater maintains data about Wisconsin's drinking water and groundwater quality. The Bureau's Drinking Water System is to enforce the Safe Drinking Water Act (SDWA) regulations covering Public Water Systems (PWS).

PWS

Well Construction Report

This is the list of Private Water Well data, maintained by Wisconsin Department of Natural Resources (DNR). The Data contains the private wells drilled for drinking water use, during 1988 to present.

PRIVATE WW

Well Inventory

Groundwater Retrieval Network (GRN) database contains the list of well data, maintained by Wisconsin Department of Natural Resources. The Data covers the period from the early 1970s to present for the Public Water Supply data; 1988 to present for the Private Water Supply data; from the mid 1970s to present for the GEMS database; and from the mid 1970s to present for the SWAMP system.

WELL

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Appendix C

Thaler Oil Company, Inc.

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>1</u>	1 of 1	ENE	0.08 / 431.55	1,101.63 / -31	THALER OIL COMPANY, INC. 807 JANICKI ROAD STANLEY WI 54729	TIER 2

Facility ID: 200309 Facility Status: ACTIVE Facility Type: Facility NAICS: 424710 Company Name: - No of EHS More Than TPQ: 0	Country: US No of Chemicals: 1 No of EHS Chemicals: 0 Avg Daily Amt Unit: lbs
---	--

Tier 2 Facilities Details

CAS No: 74986 No of Days Onsite: 365 Max Daily Amount: 203520 Is Pure: Yes Is EHS: No Is Mix: No Is Solid State: No Is Liquid State: Yes Is Reactive Haz: Yes Is Immediate Haz: No Is Delayed Hazard: No Combustible Dust: No EHS Name: Chemical Name: PROPANE Sudden Release Pressure Haz: Yes Corrosive to Metal: No Gas Under Pressure: Yes Emission of Gas with Water: No Is Pyrophoric Liquid or Solid: No Is Germ Cell Mutagenicity: No Is Reproductive Toxicity: No Respiratory Skin Sensitize: No Serious Eye Damage Irritation: No Is Simple Asphyxiant: No Skin Corrosion or Irritation: Yes Specific Target Organ Toxic: No	Is Explosive: No Is Flammable: Yes Is Physical HNOC: No Organic Peroxide: No Is Oxidizer: No Is Pyrophoric Gas: No Is Self Heating: No Is Self Reactive: No Is Acute Toxicity: No Is Aspiration Haz: No Is Carcinogenic: No Is Health HNOC: No
---	---

Appendix D

Buzz's Body Shop

WDNR SHWIMS on the Web

Navigation: [SOTW Home](#) >> [Advanced Search](#) >> [Search Results](#) >> Location Detail

BUZZS BODY SHOP Facility Name

HELP				
General Information				
Facility Name			County	WDNR Region
BUZZS BODY SHOP			CHIPPEWA	WEST CNTRL
Facility Status	FID	EPA ID	SIC Code	NAICS Code
OPERATING	609023030	WID981191851		
Physical Address Find on Google Maps Get Directions		Municipality	State	Zip
RT 2 W MAPLE		STANLEY	WI	54768
Mailing Address		City	State	Zip
ROUTE 2 W MAPLE		STANLEY	WI	54768
Facility Owner Type	Public Land Survey System Desc.		Latitude and Longitude	
PRIVATE	NOT AVAILABLE		NOT AVAILABLE	

Facility Owner(s)
MYLON HALTERMAN ROUTE 2 W MAPLE STANLEY, WI 54768

Waste Management Activities at this Location		
Activity Type Click to view details	Activity Status	License No.
HW GENERATOR - VERY SMALL	ACTIVE	N/A



The Official Internet site for the Wisconsin Department of Natural Resources
101 S. Webster Street . PO Box 7921 . Madison, Wisconsin 53707-7921 . 608.266.2621

dnr.wi.gov

Appendix E

Gene Gustafson Residence

To go back to your search results please click the back arrow  in the above Toolbar

Tank Details

Site and Owner

Site Info

Facility ID: 457883

Gene Gustafson

W Maple St

Stanley

Site Anniversary Date:

County & Municipality

Chippewa County

City of Stanley

Fire Dept ID: 0909

Dispenser Has Sumps: N

Owner

Gene Gustafson

W Maple St

Stanley

WI 54768

Underground Storage Tank - ID: 32459, WANG ID: 090900050, Abandoned without Product as of 1975-01-01

Install Date:		Capacity In Gallons:	500	Contents:	Leaded Gasoline
Tank Occupancy:	Residential	Marketer:	N	CAS Number	
Federally Regulated:	No	Spill Protection:	Not Installed	Overfill Protection:	Not Installed
Overfill Prot Type:	Not Installed	Containment Sump Installed:	N	Lining Inspected Date:	
Corrosion Protect Type:		Date Of Lining:		Underground Piping:	Y
Leak Detection:		Wall Type:	Single		
Leak Test Method:					
Construction Material:	Coated Steel				

PIPING - Abandoned without Product

Flex Connectors:	N	UST Mainfolded:	N	Related Tank ID:	118830
Type:	Piping (Storage Tank)	Aboveground Piping:	N	Aboveground Pipe Cons:	
Construction Material:	Unknown	Corrosion Protect Type:		Leak Detection:	Unknown
Catastrophic Leak Detection:				Leak Test Method:	
				Pipe Wall Type:	Single
				Piping System Type:	

Inspection Test Dates

Test Type	Test Date	Test Expire Date

Appendix F

L. Romanowski Corporation

Tank Search Public Access

3/28/2023 9:41 AM

Number of matching records: 4

Tank Type	Tank ID	Facility ID	Street Address	Tank Status	Tank Contents	Tank Size (Gal)	Facility Owner
County: Chippewa County, FDID: 0902							
Underground Storage Tank	76896	<u>466131</u>	Rte 3	In Use	Leaded Gasoline	300	Kenneth Romanowski
County: Chippewa County, FDID: 0909							
Underground Storage Tank	71666	<u>463619</u>	Rte 2	In Use	Diesel	300	Jim Romanowski
County: Chippewa County, FDID: 6004							
Underground Storage Tank	75286	<u>416927</u>	N2118 Skyline Dr	In Use	Leaded Gasoline	300	Larry Romanowski
Underground Storage Tank	75292	<u>447090</u>	W17137 Cths	In Use	Leaded Gasoline	300	Dan Romanowski

Appendix G

Sanborn Fire Map Information



—
FIRE
INSURANCE
MAPS

Project Property: City of Stanley Industrial Park Development Project
80th Ave
Stanley WI 54768

Project No: CCEDC 22001

Requested By: CBS Squared, Inc

Order No: 23031400190

Date Completed: March 14, 2023

Please note that no information was found for your site or adjacent properties.