

Land Application Site Review & Approval Process

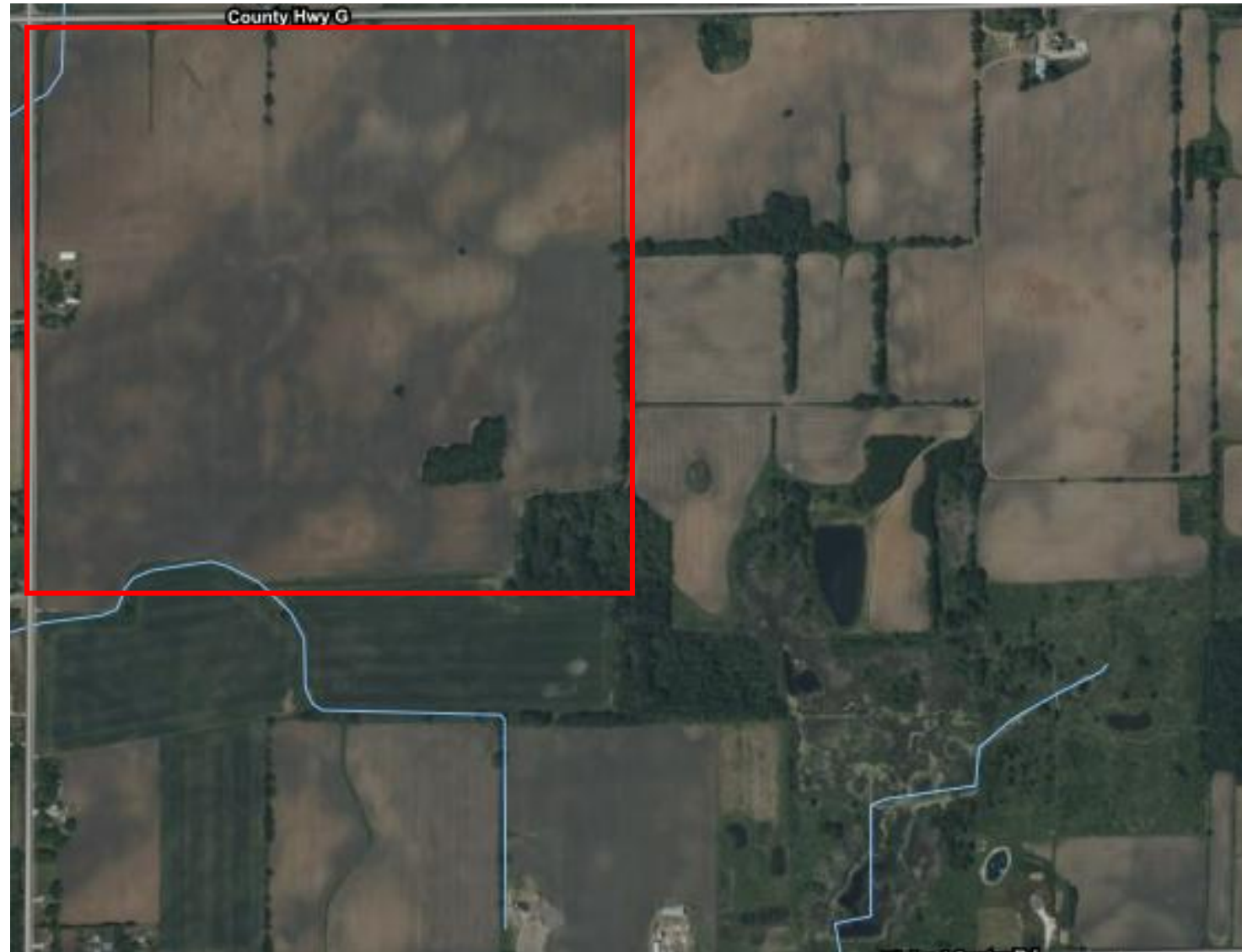
43rd Annual Spring Biosolids Symposium

Teresa Hall

Landspreading Coordinator – WI DNR Northeast Region

A Potential New Landspreading Site!

- Site is ~200 acres
- Farmer wants you to apply septage in May before she plants corn



The Land Application Site Request (Form 3400-053)

- Use version (R 12/22)

State of Wisconsin, DNR
PO Box 7921
Madison, WI 53707-7921

Land Application Site Request

Form 3400-053 (R 12/22)

Page 1 of 10

Notice: Complete this form for each site and submit it along with supporting documents to the appropriate WDNR Regional Wastewater Specialist or Engineer for evaluation. Failure to file a complete site request package including supporting documents, approvals, and acknowledgement signatures may result in delay, denial, or return of the request. Complete the form pursuant to the instructions on pages 5 through 10. The department will not be able to process a modified or altered form 3400-053.

Completion and submission of this form is mandatory under s. 283.55, Wis. Stats., and chs. NR 204 or 214, Wis. Adm. Code, for sewage sludge and industrial waste and under s. 281.48, Wis. Stats., and ch. NR 113, Wis. Adm. Code, for septage. Failure to properly complete and submit this form is a violation of s. 283.91 or s. 281.48, Wis. Stats., and may result in a monetary penalty and/or imprisonment. Personally identifiable information on this form is not intended to be used for other purposes, but may be made available to requesters under Wisconsin's Public Records law ss. 19.32-19.38, Wis. Stats.

Applicant Information

Permittee Name or Licensed Business Warrner's Treatment Service		Phone No. (920)123-4567	
Mailing Address 123 Main St.	City Green Bay	State WI	ZIP Code 12345
WPDES Permit No. WI-00	Septage License No. 112233	Email Warrners123@gmail.com	

Instructions

• Pages 6-10 of Form 3400-53

Applicant Information.

- 1) **WPDES Permittee Name or Licensed Septage Business, Phone Number, Mailing Address, City, State, ZIP Code, and Email Address.**
 - a) Complete the information as shown on page 1.
 - b) The information provided shall be identical to the information on the WPDES Permit or Septage Business License.
 - c) If the WPDES Permittee is a subsidiary of a parent company, then use the name and location appearing on the WPDES permit.
 - d) If the information on the WPDES permit or Septage Business License is incorrect or requires an update, please correct with the appropriate DNR representative prior to submitting the land application site package.
 - e) Include the telephone number and email address of the contact person responsible for the land application program.
- 2) **WPDES Permit Number or Septage Business License Number.**
 - a) **WPDES Permit Number.** If the site request is for a WPDES permittee, include the specific or general WPDES permit number. Septage business should disregard this entry unless the site is for a WPDES permitted septage storage facility (per s. NR 113.12, Wis. Adm. Code).
 - b) **Septage Business License Number.** If the site request is for a licensed septage business, include the license number. WPDES Permittees should disregard this entry.

Instructions

Introduction

1. Use this form to add or revise land application sites for current WPDES permits and septage licenses.
2. This form is designed to collect and provide necessary information to the department for efficiently and consistently evaluating land application sites pursuant to chs. NR 113, NR 204 and NR 214, Wis. Adm. Code.
3. Complete pages 1-3 of this form in their entirety and submit to the appropriate regional Wastewater Program land application site reviewer.
4. The form may be used for multiple sites, but only if all the sites are:
 - owned by the same person(s) or entities,
 - farmed by the same person(s) and entities,
 - located in the same area (city, village, or township), and
 - located in the same county.
5. Incomplete applications may be rejected or returned.
6. Applications submitted on modified or altered 3400-053 forms will not be processed.
7. WPDES permittees and licensed septage businesses are responsible for contacting other governmental agencies to determine if other restrictions or requirements are applicable.

Applicant Information.

- 1) **WPDES Permittee Name or Licensed Septage Business, Phone Number, Mailing Address, City, State, ZIP Code, and Email Address.**
 - a) Complete the information as shown on page 1.
 - b) The information provided shall be identical to the information on the WPDES Permit or Septage Business License.
 - c) If the WPDES Permittee is a subsidiary of a parent company, then use the name and location appearing on the WPDES permit.
 - d) If the information on the WPDES permit or Septage Business License is incorrect or requires an update, please correct with the appropriate DNR representative prior to submitting the land application site package.
 - e) Include the telephone number and email address of the contact person responsible for the land application program.
- 2) **WPDES Permit Number or Septage Business License Number.**
 - a) **WPDES Permit Number.** If the site request is for a WPDES permittee, include the specific or general WPDES permit number. Septage business should disregard this entry unless the site is for a WPDES permitted septage storage facility (per s. NR 113.12, Wis. Adm. Code).
 - b) **Septage Business License Number.** If the site request is for a licensed septage business, include the license number. WPDES Permittees should disregard this entry.

Methods and Equipment.

- 1) **Application Method Used.** List all waste application methods proposed for the site(s). Ensure the application methods comply with chs. NR 113, NR 204, and/or NR 214 Wis. Adm. Codes and WPDES permits as appropriate. Verify application methods are consistent with the Permittee's or licensee's management Plan and/or standard operating procedures (SOP). Indicate if any exemptions or variances apply to a particular application method in the "Comments" section on page 1. Note: if multiple application methods are indicated, the horizontal setbacks may be assigned using the most protective setback distances.

- 2) **Surface Only:** Wastes applied to the soil surface and not incorporated (disc, moldboard plow, chisel plow, roto-tilling, etc.), injected, or otherwise worked into the soil.
 - a) **Septage:**
 - i) Septage may be surface applied, incorporated after surface application or injected.
 - ii) Septage shall be evenly distributed.
 - iii) Pathogen reduction and vector attraction reduction methods are required (per pars. NR 113.07(3)(d) and (e), Wis. Adm. Code).
 - iv) Additional requirements may be required pursuant to a septage storage WPDES permit and/or management plan.
 - b) **Sewage Sludge:**
 - i) Sewage sludge may be surface applied, incorporated after surface application, or injected.
 - ii) Cake sludge may be "flung" or spread onto the surface.
 - iii) Surface applied liquid sludge must be evenly distributed using a splash plate or other department approved method.
 - iv) Appropriate metal limits and pathogen densities and treatment are required (per subs. NR 204.07(05) and (6), Wis. Adm. Code).
 - v) Appropriate vector attraction reduction methods are required (per sub. NR 204.07(7), Wis. Adm. Code).
 - c) **Industrial Waste:**
 - i) Industrial wastes may be sprayed, flung, laid, or drained onto the ground surface, incorporated after surface application, or can be directly injected.
 - ii) Vehicles used for landspreading shall be equipped with a distribution system capable of spreading the waste evenly onto the site.
 - iii) Specific incorporation requirements may be required pursuant to the WPDES permit and/or management plan.
- 3) **Equipment Used.** Equipment used to evenly distribute waste onto a field. Check each box for each equipment type used on the requested site.
 - a) **Injector:** Mechanical device designed to place liquid waste below the soil surface.
 - b) **Splash plate:** A device designed to spread liquid material so that the spray creates a uniform pattern.
 - c) **Sprayer:** A mechanical device designed to uniformly distribute pressurized liquid waste over a large area. Commonly includes truck mounted sprayers and travelling irrigators.
 - d) **Slinger:** A device intended to throw solid or semi-solid waste uniformly over an area.
 - e) **Moldboard, chisel, and disc:** Different types of farm equipment designed to turn over the upper layer of soil to incorporate and mix the waste with the soil.
 - f) **Other:** If unlisted equipment is proposed, then check "Other" and list the type of the equipment. Use additional sheets of paper if necessary.

Methods and Equipment

Methods and Equipment

Application Method Used (check all that apply):

Surface Only (without Incorporation)

Incorporation

Injection

Equipment Used (check all used):

Injector

Splash Plate

Sprayer

Slinger

Moldboard

Chisel

Disc

Other _____

Note: If Application Method is not checked request package will be returned as incomplete

Methods and Equipment

Methods and Equipment

Application Method Used (check all that apply):

Surface Only (without Incorporation)

Incorporation

Injection

Equipment Used (check all used):

Injector

Splash Plate

Sprayer

Slinger

Moldboard

Chisel

Disc

Other _____



(66) “Surface application” means spreading septage on the surface of the land without mixing the septage with the soil.

Par. NR 113.03(66) Wis. Adm. Code

Methods and Equipment

Methods and Equipment

Application Method Used (check all that apply):

Surface Only (without Incorporation)

Incorporation

Injection

Equipment Used (check all used):

Injector

Splash Plate

Sprayer

Slinger

Moldboard

Chisel

Disc

Other _____



(28) “Incorporation” means the mixing of septage with top-soil, by methods such as discing, mold-board plowing, chisel plowing or rototilling to a minimum depth of 4 inches.

Par. NR 113.03(28) Wis. Adm. Code

Methods and Equipment

Methods and Equipment

Application Method Used (check all that apply):

Surface Only (without Incorporation)

Incorporation

Injection

Equipment Used (check all used):

Injector

Splash Plate

Sprayer

Slinger

Moldboard

Chisel

Disc

Other



(30) “Injection” means the subsurface placement of septage to a depth of 4 to 12 inches.

Par. NR 113.03(30) Wis. Adm. Code

Site Criteria	Surface	Incorporation/Injection
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Septage

Minimum distance to streams, lakes, ponds, wetlands or channelized waterways connected to a stream, lake, pond or wetland:		
Slope 0 to < 6%-s. NR 113.07 Table 3	200 ft.	150 ft./100 ft.
Slope 6 to <12%-s. NR 113.07 Table 3	Not Allowed	200 ft./150 ft.

Sewage Sludge

Minimum distance to streams, lakes, ponds, wetlands or channelized waterways connected to a stream, lake, pond or wetland:		
Slope 0 to < 6%-s. NR 204.07 Table B	200 ft.	150 ft./100 ft.
Slope 6 to <12%-s. NR 204.07 Table B	Not Allowed	200 ft./150 ft.

Industrial Liquid Waste, By-Product Solids, and Industrial Sludge

Min. distance to any surface water or dry run-pars. NR 214.17(2)(g)&NR 214.18(2)(d)	200 ft.	50 ft.
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Note: Setback with most conservative setback will be applied when multiple application methods checked

Is the Site Approvable?



Site Request Package Checklist

Prior to submitting the Site Request Package, ensure that all items (chs. NR 113, NR 204, NR 214, Wis. Adm. Codes) have been included by using the checklist below:

- Completed 3400-053 Land Application Site Request Form.**
Pages 1 through 3.
- Aerial Photograph.**
Requested sites/fields boundaries marked and identified.
Label restricting features including wells, residences, wetlands, waterways, dry runs, etc.
- Soil Map Units.**
Maps may be combined with the Aerial Photograph.
- Proof of Ownership (Legal Property Owner) (if applicable).**
Include a copy of the tax parcel listing showing the property owner along with the parcel map displaying the parcel identification.
- Setback Reduction Permissions (if applicable).**
Include signature(s) from any affected owners and occupants.

Review Soils – Get Started in **7** steps

1. Go to Web Soil Survey and select “Start WSS” green button
2. Use “Quick Navigation” – enter address, or state and county then zoom in
3. Create AOI (Area of Interest)
4. Select “Soil Map” tab
5. Select “Soil Data Explorer” tab
6. Select “Soil Properties and Qualities” tab
7. Select “Water Features” tab




Web Soil Survey

- Google: Web Soil Survey NRCS
- Can use for aerial map and soil map units

You are here: Web Soil Survey Home

The simple yet powerful way to access and use soil data.

A green circular button with the text 'START WSS' in white, surrounded by a grey shadow. A red arrow points from this button to the '1. Start WSS' box on the right.

- Search
- Enter Keyword
- All NRCS Sites
- Browse by Subject
- Soils Home
 - National Cooperative Soil Survey (NCSS)
 - Archived Soil Surveys
 - Status Maps
 - Official Soil Series Descriptions (OSD)
 - Series Extent Explorer
 - Geospatial Data Gateway
 - eFOTG
 - National Soil Characterization Data
 - Soil Health
 - Soil Geography

Welcome to Web Soil Survey (WSS)



Web Soil Survey (WSS) provides soil data and information produced by the National Cooperative Soil Survey. It is operated by the USDA Natural Resources Conservation Service (NRCS) and provides access to the largest natural resource information system in the world. NRCS has soil maps and data available online for more than 95 percent of the nation's counties and anticipates having 100 percent in the near future. The site is updated and maintained online as the single authoritative source of soil survey information.

Soil surveys can be used for general farm, local, and wider area planning. Onsite investigation is needed in some cases, such as soil quality assessments and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center at the following link: [USDA Service Center](#) or your NRCS State Soil Scientist at the following link: [NRCS State Soil Scientist](#).

- I Want To...
- Start Web Soil Survey (WSS)
 - Know Web Soil Survey Requirements
 - Know Web Soil Survey operation hours
 - Find what areas of the U.S. have soil data
 - Find information by topic
 - Know how to hyperlink from other documents to Web Soil Survey
 - Know the SSURGO data structure
 - Use Web Soil Survey on a mobile device

1. Start WSS

- Search
- Area of Interest
- Import AOI
- Quick Navigation
 - Address
 - State and County
 - Soil Survey Area
 - Latitude and Longitude or Current Location
 - PLSS (Section, Township, Range)
 - Bureau of Land Management
 - Department of Defense
 - Forest Service
 - National Park Service
 - Hydrologic Unit

Area of Interest Interactive Map

View Extent: Contiguous U.S. | Scale: (not to scale)

Quick Navigation

Address View ?

Address

Show location marker

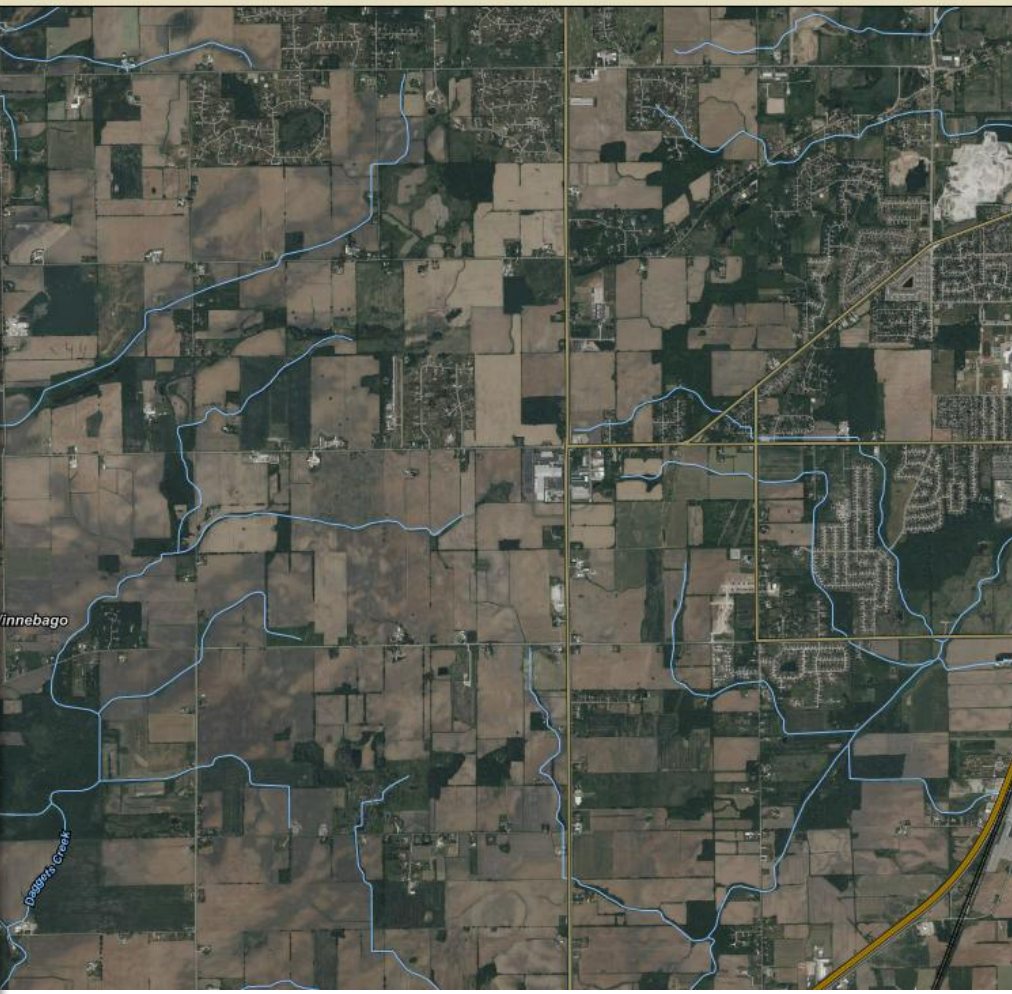
View

State and County

Soil Survey Area

Latitude and Longitude or Current Location

PLSS (Section, Township, Range)



Search

Area of Interest

Import AOI

Quick Navigation

- Address
- State and County
- Soil Survey Area
- Latitude and Longitude or Current Location
- PLSS (Section, Township, Range)
- Bureau of Land Management
- Department of Defense
- Forest Service
- National Park Service
- Hydrologic Unit

Area of Interest Interactive Map

Legend

View Extent: Contiguous U.S. | Scale: (not to scale)

2. Navigate to site

Area of Interest (AOI)

Soil Map

Soil Data Explorer

Download Soils Data

Shopping Cart (Free)

Search

Area of Interest

Open All Close All

AOI Properties

Clear AOI

AOI Information

Name

Map Unit Symbols

- Use Soil Survey Area Map Unit Symbols
- Use National Map Unit Symbols

Area (acres) 237.0

Soil Data Available from Web Soil Survey

Winnebago County, Wisconsin (WI139)

Data Availability Tabular and Spatial, complete

Tabular Data Version 21, Sep 10, 2025

Spatial Data Version 8, Sep 10, 2025

Clear AOI

Import AOI

Export AOI

Quick Navigation

Address

State and County

Soil Survey Area

Latitude and Longitude or Current Location

PLSS (Section, Township, Range)

Bureau of Land Management

Department of Defense

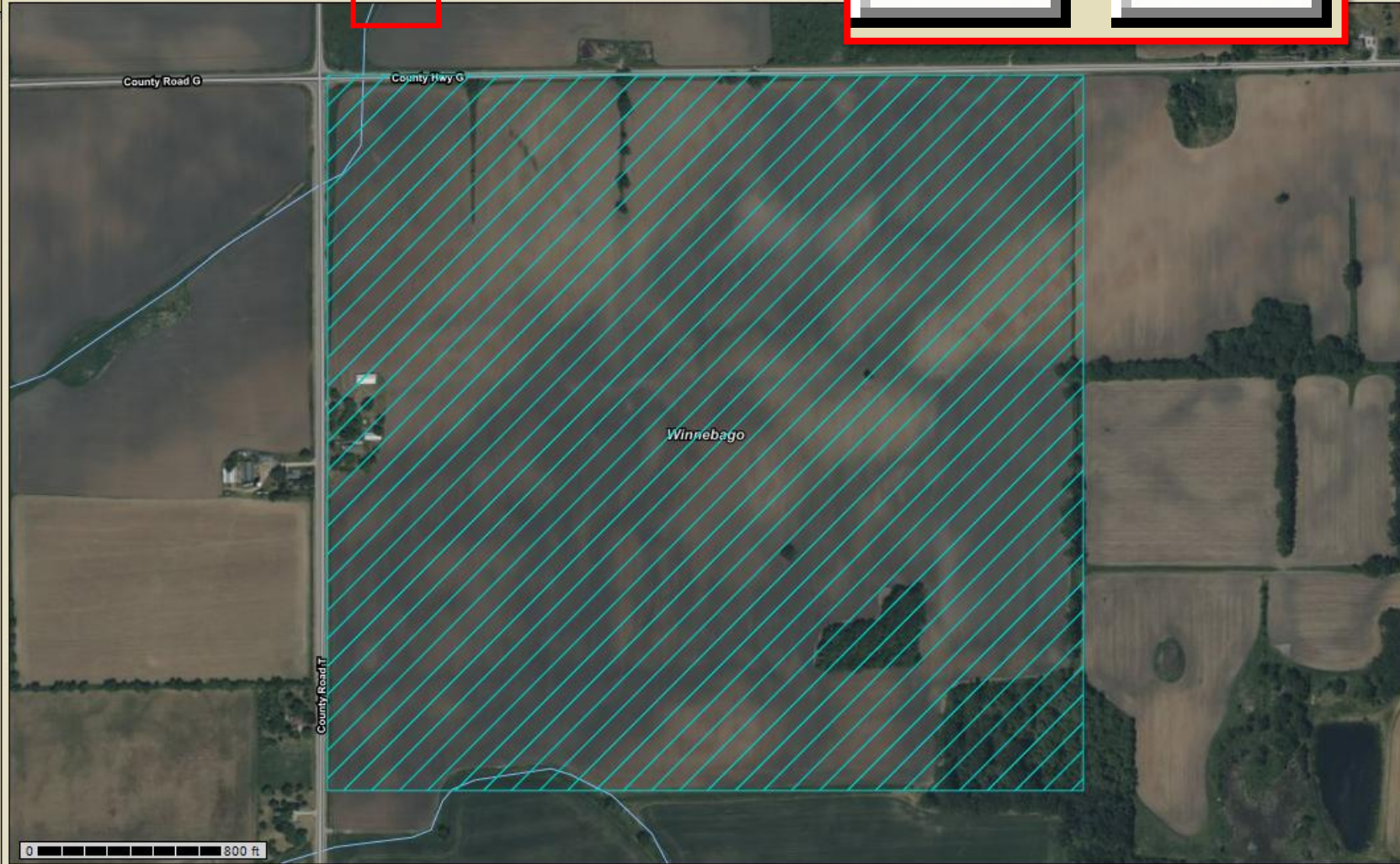
Forest Service

Area of Interest Interactive Map

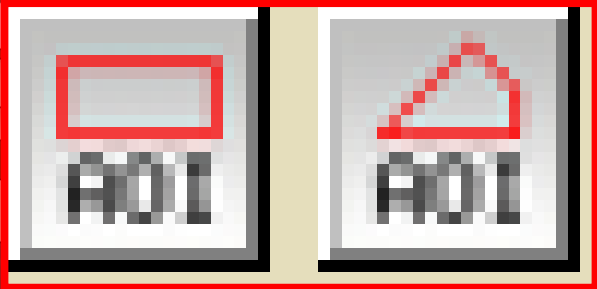
Legend



View Extent Contiguous U.S.



3. Create AOI



Area of Interest (AOI)

Soil Map

Soil Data Explorer

Download Soils Data

Shopping Cart (Free)

4. "Soil Map" tab

Search

Area of Interest

Open All Close All

AOI Properties

Clear AOI

AOI Information

Name

Map Unit Symbols

- Use Soil Survey Area Map Unit Symbols
- Use National Map Unit Symbols

Area (acres)

237.0

Soil Data Available from Web Soil Survey

Winnebago County, Wisconsin (WI139)

Data Availability Tabular and Spatial, complete

Tabular Data Version 21, Sep 10, 2025

Spatial Data Version 8, Sep 10, 2025

Clear AOI

Import AOI

Export AOI

Quick Navigation

Address

State and County

Soil Survey Area

Latitude and Longitude or Current Location

PLSS (Section, Township, Range)

Bureau of Land Management

Department of Defense

Forest Service

Legend



View Extent Contiguous U.S. Scale (not to scale)



“Printable Version” tab to save map

Printable Version | Add to Shopping Cart

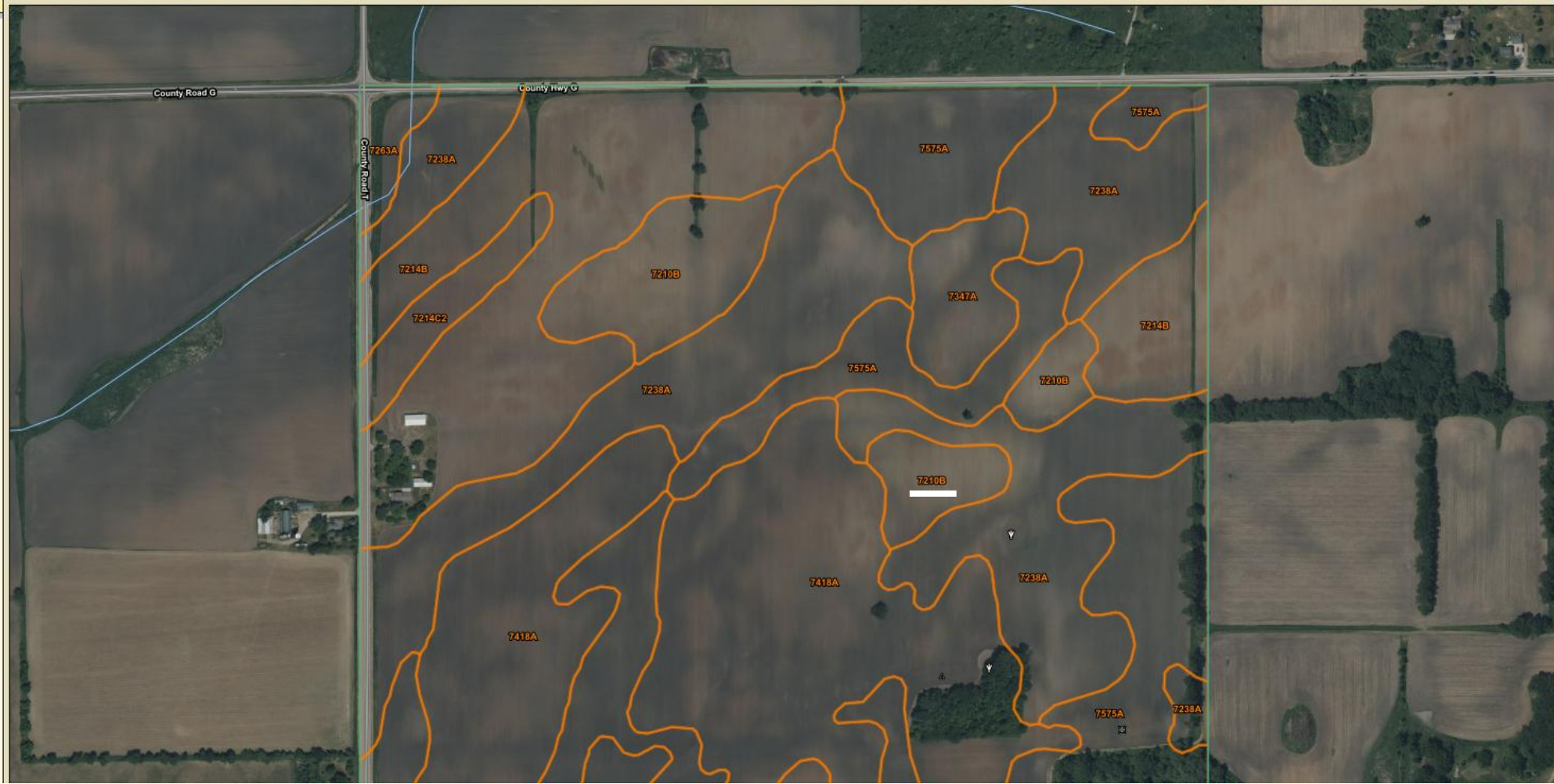
Search

Map Unit Legend

Winnebago County, Wisconsin (WI139)

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
7210B	Hortonville loamy fine sand, 2 to 6 percent slopes	14.4	5.9%
7214B	Hortonville silt loam, 2 to 6 percent slopes	38.6	15.8%
7214C2	Hortonville silt loam, 6 to 12 percent slopes, eroded	4.1	1.7%
7238A	Korobago silt loam, 0 to 3 percent slopes	54.8	22.4%
7263A	Keowns silt loam, 0 to 2 percent slopes	2.4	1.0%
7314B2	Kewaunee silt loam, 2 to 6 percent	3.6	1.5%

Soil Map



5. "Soil Data Explorer" tab

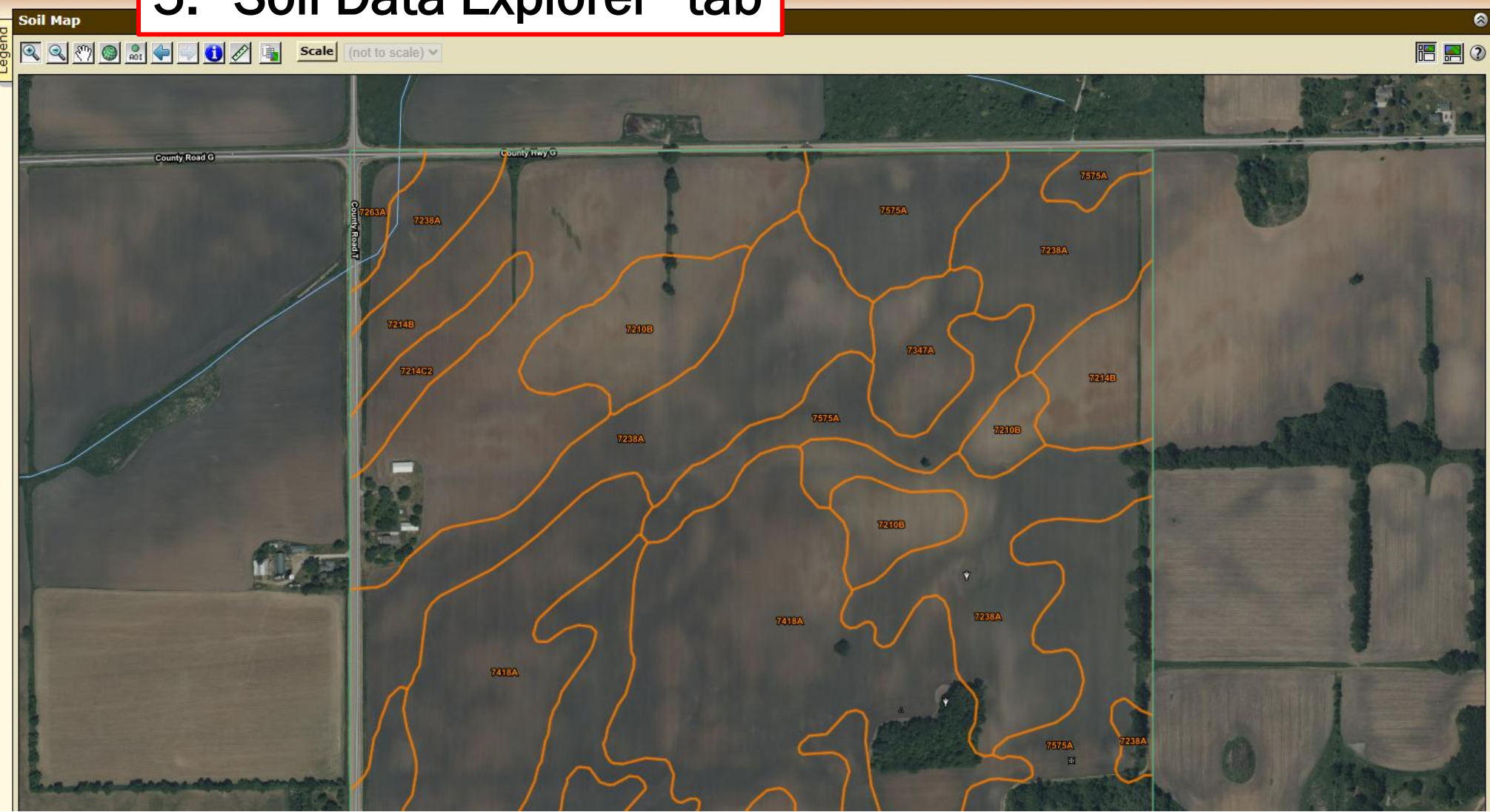
Search

Map Unit Legend

Winnebago County, Wisconsin (WI139)

Winnebago County, Wisconsin (WI139)

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
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7214B	Hortonville silt loam, 2 to 6 percent slopes	38.6	15.8%
7214C2	Hortonville silt loam, 6 to 12 percent slopes, eroded	4.1	1.7%
7238A	Korobago silt loam, 0 to 3 percent slopes	54.8	22.4%
7263A	Keowns silt loam, 0 to 2 percent slopes	2.4	1.0%
7314B2	Kewaunee silt loam, 2 to 6 percent	3.6	1.5%



Area of Interest (AOI) | Soil Map | **Soil Data Explorer** | Download Soils Data | Shopping Cart (Free)

View Soil Information By Use: All Uses

6. "Soil Properties and Qualities" tab

Intro to Soils | **Suitabilities and Limitations for Use** | Soil Properties and Qualities

Search

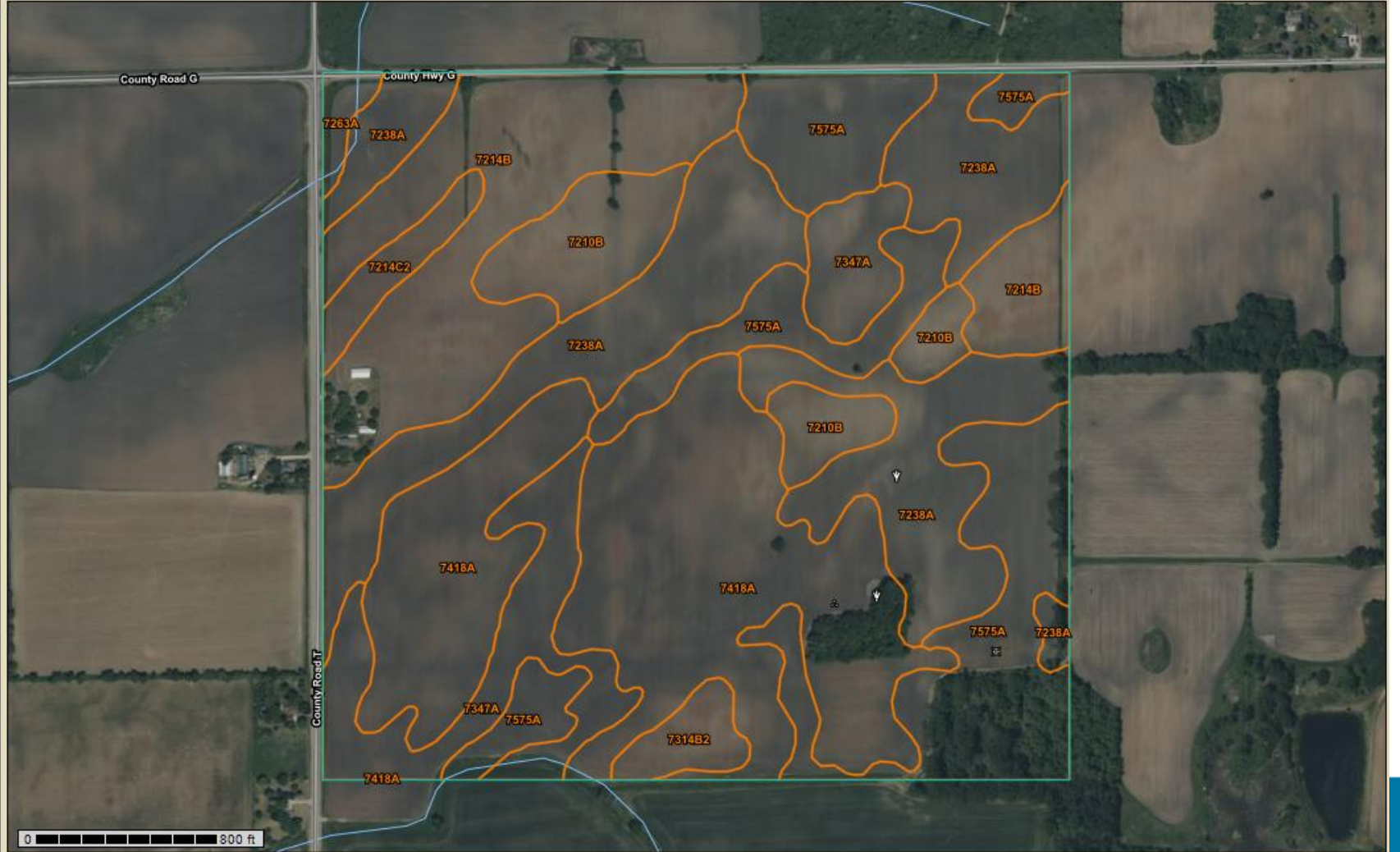
Suitabilities and Limitations Ratings

Open All Close All

- Building Site Development
- Construction Materials
- Disaster Recovery Planning
- Land Classifications
- Land Management
- Military Operations
- Recreational Development
- Sanitary Facilities
- Soil Health
- Vegetative Productivity
- Waste Management
- Water Management
- Wildlife Management

Soil Map

Legend | Scale (not to scale)



Search

Properties and Qualities Ratings

- ?
- Soil Chemical Properties ?
- Soil Erosion Factors ?
- Soil Health Properties ?
- Soil Physical Properties ?
- Soil Qualities and Features ?

Water Features

Depth to Water Table

View Options

- Map
- Table
- Description of Rating
- Rating Options
 - Detailed Description

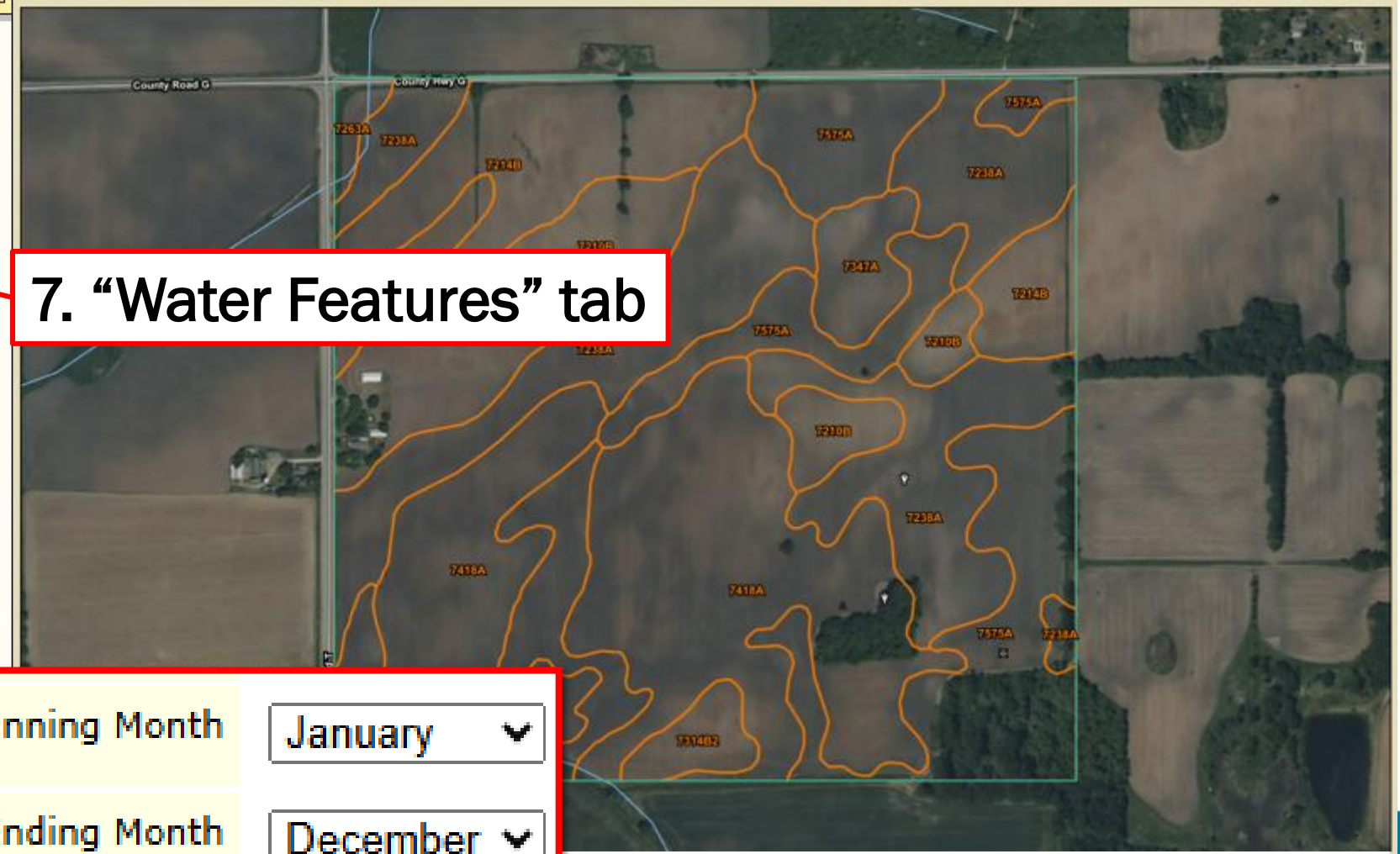
Advanced Options

- Aggregation Method: Dominant Component
- Component Percent Cutoff:
- Tie-break Rule: Lower Higher
- Interpret Nulls as Zero: Yes No

- Beginning Month:
- Ending Month:

Map — Depth to Water Table

Legend Scale (not to scale)



7. "Water Features" tab

Beginning Month:

Ending Month:

Depth to Groundwater Requirements



Table A—Septage s. NR 113.07 and Table 3, Wis. Adm. Code

Site Criteria	Surface	Incorporation/Injection
Minimum depth to bedrock/groundwater-subd. NR 113.07(b)12. and Table 3	3 ft.	3 ft.

Table B—Sewage (Municipal) Sludge sub. NR 204.07(3) and NR 204.07 “Table B,” Wis. Adm. Code

Criteria for Non-EQ (Exceptional Quality) Sewage Sludge Applied to Land

Site Criteria	Surface	Incorporation/Injection
Minimum depth to bedrock/groundwater-sub. NR 204.07(3)and Table B	3 ft.	3 ft.

Table C—Industrial Liquid Waste, By-Product Solids, and Industrial Sludge ss. NR 214.17 & NR 214.18, Wis. Adm. Code

Criteria for Industrial Sludge or Waste applied to Land

Site Criteria	Surface	Incorporation/Injection
Minimum distance to bedrock/groundwater-pars. NR 214.17(2)(h) & NR 214.18(2)(g)	36 inches	36 inches
Case by case basis provided the rate of waste application is reduced	18 inches	18 inches

Search

Properties and Qualities Ratings

-
- Soil Chemical Properties
- Soil Erosion Factors
- Soil Health Properties
- Soil Physical Properties
- Soil Qualities and Features

Water Features

Depth to Water Table

View Options

- Map
- Table
- Description of Rating
- Rating Options
 - Detailed Description

Advanced Options

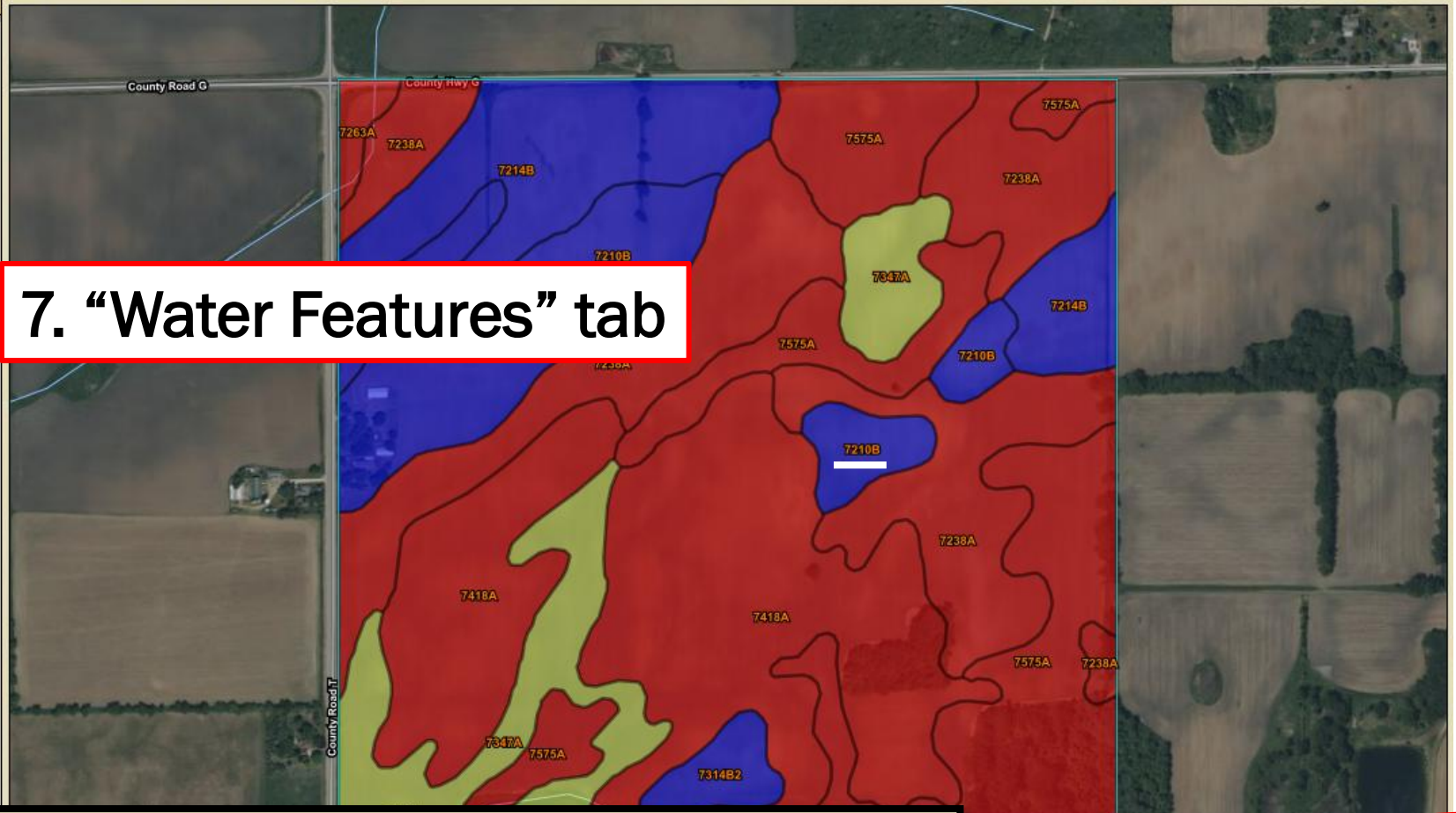
- Aggregation Method: Dominant Component
- Component Percent Cutoff:
- Tie-break Rule: Lower Higher
- Interpret Nulls as Zero: Yes No

Beginning Month:

Ending Month:

Map — Depth to Water Table

Map navigation icons: zoom in, zoom out, pan, home, print, scale. Scale: (not to scale)



7. "Water Features" tab

View Description **View Rating**

Depth to Groundwater: Jan. – Dec.

Tables — Depth to Water Table — Summary By Map Unit

Summary by Map Unit — Winnebago County, Wisconsin (WI139)

Summary by Map Unit — Winnebago County, Wisconsin (WI139)

Convert from cm to inches

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
7210B	Hortonville loamy fine sand, 2 to 6 percent slopes	>200	14.4	6.1%
7214B	Hortonville silt loam, 2 to 6 percent slopes	>200	37.3	15.8%
7214C2	Hortonville silt loam, 6 to 12 percent slopes, eroded	>200	3.8	1.6%
7238A	Korobago silt loam, 0 to 3 percent slopes	15 X 5.9 in.	53.3	22.5%
7263A	Keowns silt loam, 0 to 2 percent slopes	0 X	1.7	0.7%
7314B2	Kewaunee silt loam, 2 to 6 percent slopes, eroded	>200	3.6	1.5%
7347A	Mosel silt loam, 0 to 3 percent slopes	51 X 20 in.	20.3	8.6%
7418A	Manawa silty clay loam, 0 to 3 percent slopes	15 X 5.9 in.	59.3	25.0%
7575A	Wauseon silt loam	0 X	43.3	18.3%
Totals for Area of Interest			237.0	100.0%

~75% of field does not meet depth to groundwater requirement of 36 inches

Area of Interest (AOI) | Soil Map | **Soil Data Explorer** | Download Soils Data | Shopping Cart (Free)

View Soil Information By Use: All Uses

Intro to Soils | Suitabilities and Limitations for Use | **Soil Properties and Qualities** | Ecological Sites | Soil Reports

Search

Properties and Qualities Ratings

- Open All Close All
- Soil Chemical Properties
- Soil Erosion Factors
- Soil Health Properties
- Soil Physical Properties
- Soil Qualities and Features

Water Features

Depth to Water Table

View Description View Rating

View Options

- Map
- Table
- Description of Rating
- Rating Options
 Detailed Description

Advanced Options

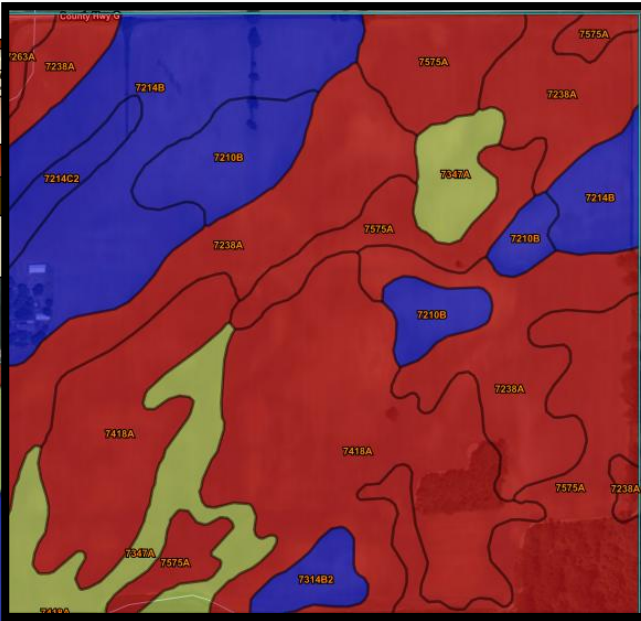
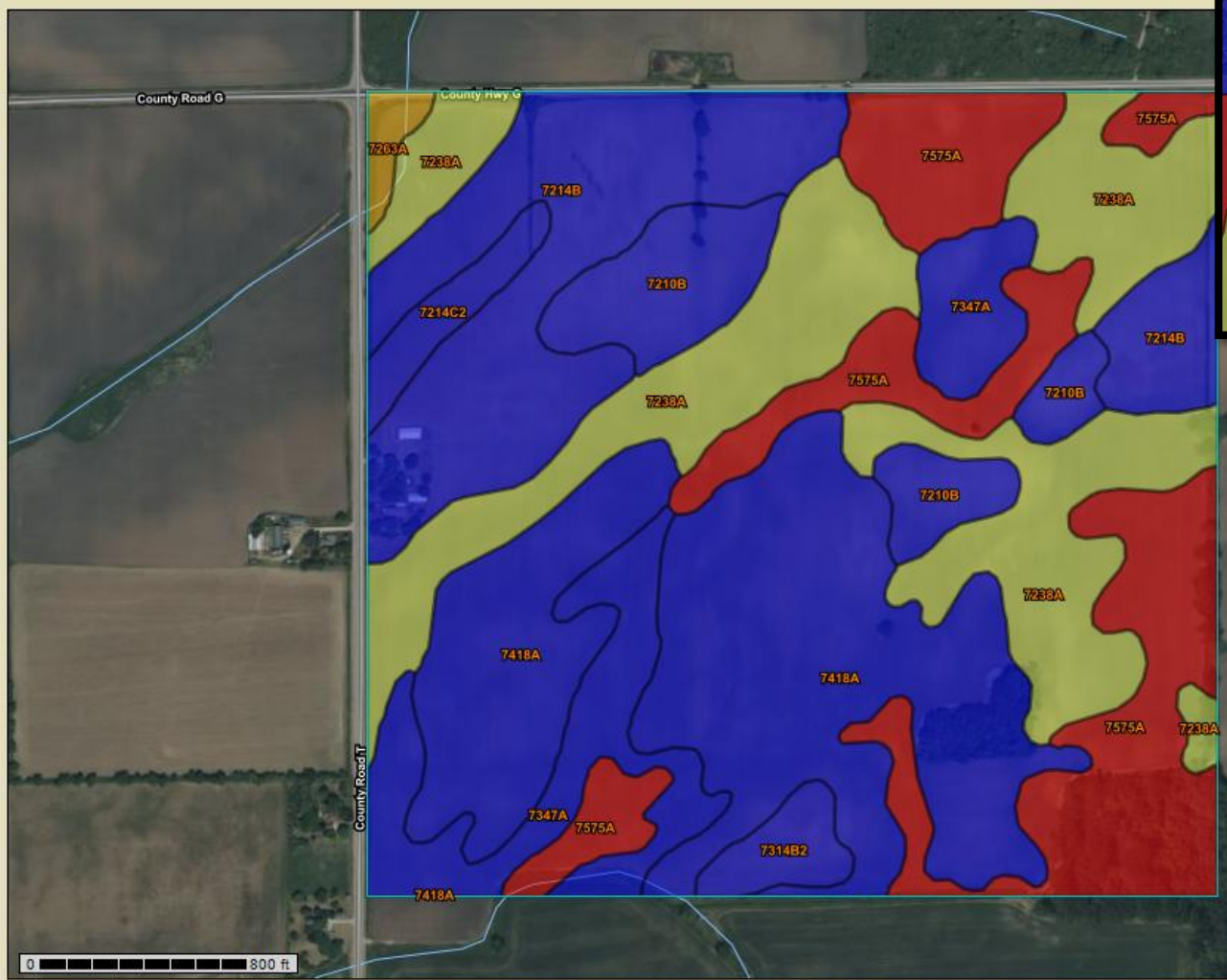
- Aggregation Method: Dominant Component
- Component Percent Cutoff:
- Tie-break Rule: Lower Higher
- Interpret Nulls as Zero: Yes No

Beginning Month: July

Ending Month: October

Map — Depth to Water Table

Scale: (not to scale)



~58 acres

~138 acres

Depth to Groundwater: July – Oct.

Tables – Depth to Water Table – Summary By Map Unit				
Summary by Map Unit – Winnebago County, Wisconsin (WI139)				
Summary by Map Unit – Winnebago County, Wisconsin (WI139)				
Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
7210B	Hortonville loamy fine sand, 2 to 6 percent slopes	>200	14.4	6.1%
7214B	Hortonville silt loam, 2 to 6 percent slopes	>200	37.3	15.8%
7214C2	Hortonville silt loam, 6 to 12 percent slopes, eroded	>200	3.8	1.6%
7238A	Korobago silt loam, 0 to 3 percent slopes	61 X 24 in.	53.3	22.5%
7263A	Keowns silt loam, 0 to 2 percent slopes	30 X 11.8 in.	1.7	0.7%
7314B2	Kewaunee silt loam, 2 to 6 percent slopes, eroded	>200	3.6	1.5%
7347A	Mosel silt loam, 0 to 3 percent slopes	>200	20.3	8.6%
7418A	Manawa silty clay loam, 0 to 3 percent slopes	>200	59.3	25.0%
7575A	Wauseon silt loam	10 X 3.9 in.	43.3	18.3%
Totals for Area of Interest			237.0	100.0%

~67% of field meets depth to groundwater requirements



SOIL EVALUATION REPORT

In accordance with SPS 385, Wis. Adm. Code

Attach complete site plan on paper not less than 8 1/2 x 11 inches in size. Plan must include, but not limited to vertical and horizontal reference point (BM), direction and percent slope, scale or dimensions, north arrow, and location and distance to nearest road.

Please print all information.

Personal information you provide may be used for secondary purposes (Privacy Law, s. 15.04(1)(m)).

County	
Parcel I.D.	
Reviewed by	Date

Property Owner	Property Location	<input type="checkbox"/>	<input type="checkbox"/>
Property Owner's Mailing Address	Site Address or CSM and Lot #:	Govt. Lot	1/4 1/4 S T N R E (or) W
City, State, Zip	Phone Number ()	<input type="checkbox"/> City	<input type="checkbox"/> Village <input type="checkbox"/> Town
		Nearest Road	

New Construction Use: Residential/Number of bedrooms _____ Code derived designflow rate _____ GPD
 Replacement Public or commercial – Describe: _____ Flood Plan elevation if applicable _____ ft.
 Parent material _____
 General comments and recommendations:

Boring # Boring Ground surface elev. _____ ft. Depth to limiting factor _____ in. / elev. _____ ft.
 Pit

Horizon	Depth In.	Dominant Color Munsell	Redox Description Qu. Az. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate	
									GPD/Ft ²	
									*Eff#1	*Eff#2

Boring # Boring Ground surface elev. _____ ft. Depth to limiting factor _____ in. / elev. _____ ft.
 Pit

- ## Soil Evaluation Report
- Qualified individual to complete soil investigation
 - Can use to demonstrate that groundwater is >36 inches



Property Owner and Farmer Information

If the property is owned by a corporation or trust, enter the legal entity name and registered address in the Property Owner section below and complete the information of the registered agent in the "Comments" spaces.

Property Owner Julia Roberts	Phone No. (optional)	Email Address (optional)		
Mailing Address 1122 Roberts Lane	City Vandalia		State IL	ZIP Code
Is the Property Owner farming the Property? <input type="radio"/> Yes <input checked="" type="radio"/> No If Yes, skip Farmer Information below and sign the Property Owner section on page 3.				
Farmer Name (if different) John Deer	Phone No. (optional)	Email Address (optional) JohnsFarms1983@gmail.com		
Mailing Address 1122 County Road G	City Zittau		State WI	ZIP Code
Farm/Business Name (if different) John's Farm LLC	Business Alt. Phone (optional)	Business Email Address (if different)		
Farm/Business Address (if different)	City		State	ZIP Code

Comments

Please review for seasonal
landspreading from July – October.

Land Application Site Request

Form 3400-053 (R 12/22)

Page 2 of 10

Site Information

Outline the exact location, and indicate the name of the site(s)/field(s) on a soil map unit map and/or an aerial photograph.

Site Number/Name ABC	(indicate only one) <input type="radio"/> City <input type="radio"/> Village <input checked="" type="radio"/> Town of Zittau	County (indicate only one) Winnebago
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Field Number	Legal Description (Quarter-Quarter-Quarter)	Section	Township	Range	Estimated Acreage
1	NW 1/4 SW 1/4	1	17 N	18 <input type="radio"/> E <input type="radio"/> W	137.0
			N	<input type="radio"/> E <input type="radio"/> W	
			N	<input type="radio"/> E <input type="radio"/> W	
			N	<input type="radio"/> E <input type="radio"/> W	

Have all requested sites been in agricultural production in the last 2 crop years? Yes No If No, explain on an additional sheet of paper.

Will application be to an existing crop? Yes No If Yes, check appropriately: Cultivated Crops Permanent Hayland Pasture Tree Plantation

If Cultivated Crops are being grown, are they being grown for human food? Yes No If yes, food what crop? _____

The desired field may already be approved for waste application. If so, this field may need to be transferred to the applicant. Property owner authorization may be necessary to ensure timely review of this site request package. Nitrogen application rate (lbs/acre/crop year) may need to be adjusted due to carryover nitrogen.

Was non-agricultural waste applied to site(s) in the last 3 crop years? Yes No Unknown. If unknown, recommend property owner authorization.

If Yes, is non-agricultural waste currently applied to site(s)? Yes No

If Yes, check the appropriate boxes for waste(s) spread:

Septage Sewage Sludge Industrial Liquid Waste Byproduct Solids Industrial Sludge Other (specify) _____

If known, provide the permittee/licensee name and DNR number of the field: DNR # 987654



Lottery Credits

Tax Foreclosed Property



Tax Rates

Unclaimed Funds

Property Information

[Home](#) › [Departments](#) › [N to Z](#) › [Treasurer](#) › Property Information

Property Information

The search is for Winnebago County properties and will only include City of Oshkosh, Neenah, Menasha, and Appleton properties if there is a delinquent tax balance. If you are looking for current ownership information for a city property, you will need to access their website directly.

For best results when using this site, we recommend:

- Disable any pop-up blocking software
- Microsoft Edge or Google Chrome
- Acrobat Reader 9.0 and greater

View [current year ownership information and current payoff information](#).

Note: If the above link prompts you to login, please click the "Previous Page" link from the login page to see the search.

Review Soils – Get Started in 7 steps + step 8 for a more in-depth review

1. Go to Web Soil Survey and select “Start WSS” green button
2. Use “Quick Navigation” – enter address, or state and county then zoom in
3. Create AOI (Area of Interest)
4. Select “Soil Map” tab
5. Select “Soil Data Explorer” tab
6. Select “Soil Properties and Qualities” tab
7. Select “Water Features” tab
- 8. Select Permeability, Available Water Storage, Depth to Bedrock ...**

Properties and Qualities Ratings	
<input type="button" value="Open All"/> <input type="button" value="Close All"/> <input type="button" value="?"/>	
Soil Chemical Properties	? ⌵
Soil Erosion Factors	? ⌵
Soil Health Properties	? ⌵
Soil Physical Properties	? ⌵
Available Water Capacity	⌵
Available Water Storage	⌵
Available Water Supply, 0 to 100 cm	⌵
Available Water Supply, 0 to 150 cm	⌵
Available Water Supply, 0 to 25 cm	⌵
Available Water Supply, 0 to 50 cm	⌵
Bulk Density, One-Third Bar	⌵
Linear Extensibility	⌵
Liquid Limit	⌵
Organic Matter	⌵
Percent Clay	⌵
Percent Sand	⌵
Percent Silt	⌵
Plasticity Index	⌵
Saturated Hydraulic Conductivity (Ksat)	⌵
Saturated Hydraulic Conductivity (Ksat), Standard Classes	⌵
Surface Texture	⌵
Water Content, 15 Bar	⌵
Water Content, One-Third Bar	⌵

Permeability

Septage:

Soil permeability range is 0.2 – 6.0 in./hr.

Sewage Sludge:

Soil permeability range is:

0.2-6.0 in./hr. (surface) and

0-6.0 in./hr. (incorporation/injection)



Property Owner (Recommended for NR 214 Waste)	WPDES Auth. Rep. or Septage Owner/OIC
<p>I, _____, <i>(property owner)</i></p> <p>hereby give</p> <p>_____</p> <p><i>(WPDES Permittee/licensed. septage business)</i></p> <p>authorization to land apply the aforementioned waste(s) to my field(s) as listed above. If the site(s) has/have been previously approved to receive septage, sewage sludge, and/or industrial wastes, then I give permission for all site/field(s) to be transferred to the above mentioned permittee/licensee.</p>	<p>I, _____, <i>(licensed septage business owner/OIC or authorized representative of the WPDES Permittee)</i> agree to:</p> <ul style="list-style-type: none"> • Apply at rates that do not exceed the nutrient needs of the crop (minus other inputs, i.e., manure, commercial fertilizer) pursuant to guidelines such as those suggested by UW Extension Bulletin A2809. • Communicate crop restriction requirements to the farmer and owner. • Provide nutrient application rates to the farmer and owner. • If required, report to the department waste characteristics and monitoring results on the Wastewater Characteristic and Discharge Monitoring Report(s) for the WPDES permitted facility. • Convey the approvals forms, approval maps, current management plan, and wastewater Characteristic Reports to all contract haulers and spreaders (as applicable).
Property Owner Name (Print)	WPDES Permittee/Septage Business OIC (Print)
Signature _____	Signature _____
Date _____	Date _____

Send to your Regional Landspreading Coordinator

Region	Coordinator Name	Counties of Responsibility
South Central Region (SCR) Mailing Address: N7725 Highway 28 Horicon WI 53032	Cassandra (Kassie) Schultz Email: Kassandra.Schultz@Wisconsin.gov Phone Number: 262-675 4072	Columbia, Dane, Dodge, Grant, Green, Iowa, Jefferson, Lafayette, Richland, Rock, Sauk
Southeast Region (SER) Mailing Address: 1027 West St. Paul Ave Milwaukee WI 53233	Stephen (Steve) Warrner Email: Stephen.Warrner@Wisconsin.gov Phone: 414-897-5771	Kenosha, Milwaukee, Ozaukee, Racine, Sheboygan, Walworth, Washington, Waukesha
Northeast Region (NER) Mailing Address: 3369 West Brewster St Appleton WI 54914	Teresa Hall Email: Teresa.Hall@Wisconsin.gov Phone: 920-841-6425	Brown, Calumet, Door, Fond du Lac, Green Lake, Kewaunee, Manitowoc, Marinette, Marquette, Menominee, Oconto, Outagamie, Shawano, Waupaca, Waushara, Winnebago
Northern Region (NOR) Mailing Address: 2501 Golf Course Rd Ashland WI 54806	Alison Canniff Email: Alison.Canniff@Wisconsin.gov Phone: 715-685-0450	Ashland, Barron, Bayfield, Burnett, Douglas, Florence, Forest, Iron, Langlade, Lincoln, Oneida, Polk, Price, Rusk, Sawyer, Taylor, Vilas, Washburn
West Central Region (WCR) Mailing Address: 890 Spruce St Baldwin WI 54002	Peter Carlson Email: peter.carlson@wisconsin.gov Phone: 715-225-2209	Adams, Buffalo, Chippewa, Clark, Crawford, Dunn, Eau Claire, Jackson, Juneau, La Crosse, Marathon, Monroe, Pepin, Pierce, Portage, St. Croix, Trempealeau, Vernon, Wood

See: Septage Business License Requirements webpage

Septage:

- Approval map required to be in landspreading vehicle



DNR# 987654 Site-Field: ABC-1
Permittee Name: WARRENS TREATMENT SERVICE, INC.

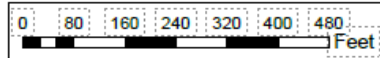


Restricted Area - Residential Setback

Restricted Area - setback to intermittent stream

DNR #

987654



1:3,000

DISCLAIMER: This map is a user generated static output from the Wisconsin Department of Natural Resources. The contents herein are for reference purposes only and may or may not be accurate, current, or otherwise reliable. No liability is assumed for the data delineated herein either expressed or implied by the Wisconsin DNR or its employees. All land application must meet NR 113, NR 204, and NR 214 Wis. Adm. Code.



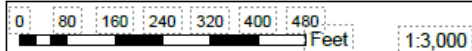
Approval Map

- Permitted field boundaries
- Scale on map can be used to mark field



DNR# 987654 Site-Field: ABC-1

Permittee Name: WARRENS TREATMENT SERVICE, INC.



1:3,000

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Reminders:

- Share the Site Approval and Discharge Limit Form with contractor
- Check approval conditions prior to land application

SITE APPROVAL AND DISCHARGE LIMITS FORM

CHAPTERS 281 and 283 WIS. STATS Form 3400-122 Rev.2-21

State of Wisconsin Department of Natural Resources

Date: 08/31/2001

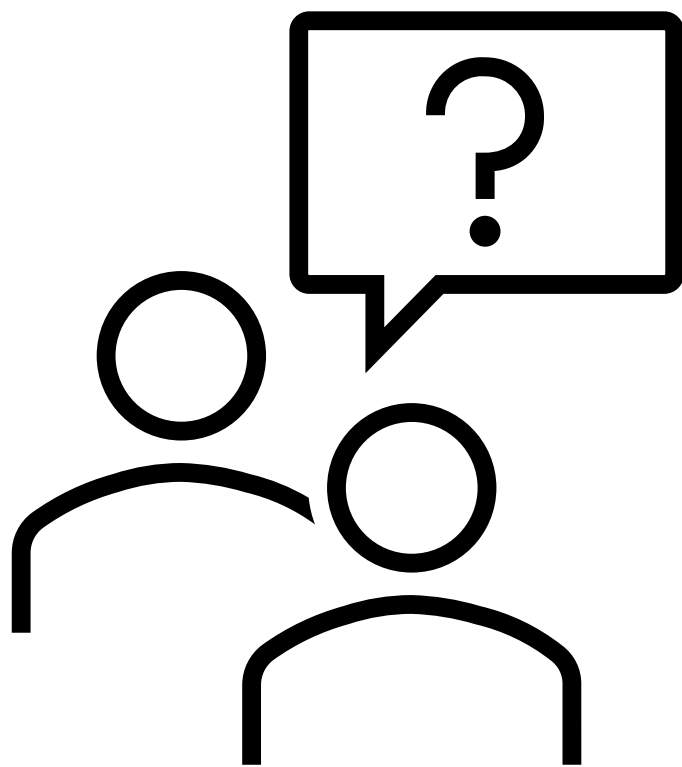
Page 1 of 1

Here is a list of new land application sites approved for your use:

Permittee/Licensee: Warren's Treatment Service Inc. 123 Main Street Green Bay, WI					WPDES Number or Septage License Number: WI-0027201			FID: 408021460				
DNR #	Site#/Field#	Site Owner	Legal Description	Village/City/Town	County	Denied/Approved	Apprvd Acres	Apprvd Winter Acres	Ind Liq Waste Appl Rate (Gal/acre/day)		Wisc. Adm. Code	Variance/Exemption
									Summer *	Winter *		
987654	ABC-1	Julia Roberts	NE1/4NE1/4 S13 T20 R18E	T of Harrison	Calumet	Approved	56.0				204	

For Application of: Sewage Sludge

Discharge Limitations and Land application must be in compliance with ch. NR 204, Wis. Adm. Code. Land application is not allowed in the cross hatched areas marked on the attached department approved map. This site is approved for the incorporation/injection of sewage sludge. Vector attraction reduction methods shall be met per Table 7 in NR 204. This site has wetland and/or surface waters nearby, be sure to meet all setbacks to surface waters, dry runs, and drainageways per Table 7 in NR 204. There are several residences around this site, be sure to meet all separation distances to residences and wells (per s. NR 204.07, Wis. Adm. Code). The total pounds of nitrogen applied per acre per year shall be limited to the nitrogen needs of the crop minus any other nitrogen sources (including but not limited to manure, chemical fertilizer, and legume carryover). Vehicles and equipment used for spreading shall be equipped with a distribution system capable of uniformly spreading waste over the site. The sludge management plan must be amended and approved to include site-specific discharge limitations and/or DNR approval forms and maps prior to land application. A depth of at least 36" is required between the soil surface and bedrock/groundwater depth. The site is conditionally approved for dry weather application from July through October based on NRCS county-specific soil map unit data (depth to groundwater from January-June is 5.9 inches and from November-December is 11.8 inches for MCB soil map unit, per NRCS). Soil map unit data are subject to change, and the permittee is encouraged to routinely review NRCS data to verify spreading month meet code requirements. The department recommends verification of groundwater depth prior to each land application event. Onsite investigation and reporting by a qualified individual as outlined in 204.06(6)(f) may cause further review and an altered determination by the department. No land application is allowed during periods of saturated soil conditions and land application shall cease if ponding/runoff observed. The department recommends utilizing best management practices to prevent waste runoff and soil erosion. This site is not approved for winter land application. Winter is defined as frozen or snow-covered ground. Soil sampling test results must be obtained prior to land application.



Resources

- [Septage Business License Requirements webpage](#)
- [Industrial Landspreading webpage](#)

Residential Setbacks

Table A—Septage s. NR 113.07 and Table 3, Wis. Adm. Code

Site Criteria	Surface	Incorporation/Injection
Distance to wells		
Community water supply or school-s. NR 113.07 Table 3	1000 ft.	1000 ft.
Other-s. NR 113 Table 3	250 ft.	250 ft.
Minimum distance to residence, business or recreation area-s. NR 113 Table 3	500 ft.	200 ft.
Minimum distance to residence or business with permission-s. NR 113 Table 3	250 ft.	100 ft.

Table B—Sewage (Municipal) Sludge sub. NR 204.07(3) and NR 204.07 "Table B," Wis. Adm. Code

Criteria for Non-EQ (Exceptional Quality) Sewage Sludge Applied to Land

Site Criteria	Surface	Incorporation/Injection
Minimum distance to wells:		
Community water supply or school-s. NR 204.07 Table B	1000 ft.	1000 ft.
Other-s. NR 204 Table B	250 ft.	250 ft.
Minimum distance to residence, business or recreation area-s. NR 204 Table B	500 ft.	200 ft.
Minimum distance to residence or business with permission-s. NR 204 Table B	250 ft.	100 ft.

Table A—Septage s. NR 113.07 and Table 3, Wis. Adm. Code

Site Criteria	Surface	Incorporation/Injection
Minimum distance to residence or business with permission-s. NR 113 Table 3	250 ft.	100 ft.

Table B—Sewage (Municipal) Sludge sub. NR 204.07(3) and NR 204.07 "Table B," Wis. Adm. Code**Criteria for Non-EQ (Exceptional Quality) Sewage Sludge Applied to Land**

Site Criteria	Surface	Incorporation/Injection
Minimum distance to residence or business with permission-s. NR 204 Table B	250 ft.	100 ft.

Table C—Industrial Liquid Waste, By-Product Solids, and Industrial Sludge ss. NR 214.17 & NR 214.18, Wis. Adm. Code**Criteria for Industrial Sludge or Waste applied to Land**

Minimum distance with written permission-pars. NR 214.17(2)(b) & NR 214.18(2)(b)	500 ft.	200 ft.
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