Winnebago County Planning and Zoning Department

NOTICE OF PUBLIC HEARING PLANNING AND ZONING COMMITTEE 1/30/2018

TO WHOM IT MAY CONCERN:

The applicant(s) listed below has requested a Zoning Map Amendment which is regulated by the <u>Town/County Zoning Code</u>, Chapter 23. You are receiving this notice because this application or petition for action: 1. affects area in the immediate vicinity of property which you own; 2. requires your agency to be notified; 3. requires your Town to be notified; or 4. requires you, as the applicant, to be notified.

The Winnebago County Planning and Zoning Committee will be holding a public hearing on 1/30/2018 at 6:30 p.m. in Conference Room 120 of the County Administration Building located at 112 Otter Ave, Oshkosh, WI.

All interested persons wishing to be heard at the public hearing are invited to be present. For further detailed information concerning this notice, contact the Town Clerk or the Winnebago County Zoning Office, where the application is available for viewing.

INFORMATION ON ZONING MAP AMENDMENT REQUEST

Application No.: 2018-ZC-4400

Applicant:

OSHKOSH AREA SCHOOL DIST (UNIFIED), OSHKOSH AREA SCHOOL DIST, OSHKOSH AREA SCHOOL DIST, OSHKOSH AREA SCHOOL DISTRICT,

Agent: None

Location of Premises: 1225 N OAKWOOD RD, OSHKOSH, WI 54904

Tax Parcel No.: 002-0131-11, 002-0131-14, 002-0131-09, 002-0130, 002-0131-13

Legal Description:

Being a part of the SE 1/4 of the NE 1/4, Section 17, Township 18 North, Range 16 East, Town of Algoma, Winnebago County, Wisconsin.

Explanation:

Applicant is requesting a zoning map amendment from A-2 (General Agriculture) to B-3 (General Business District) to continue operation of an elementary school and erect a digital sign.

INITIAL STAFF REPORT

Sanitation:

Existing System Municipal System

Overlays:

Shoreland

Current Zoning:

A-2 General Agriculture

Proposed Zoning:

B-3 Regional Business

Surrounding Zoning:

North: A-2 South: R-1 East: R-1 West: R-1

THE FOLLOWING INFORMATION HAS BEEN PROVIDED BY THE OWNER / APPLICANT

Describe Present Use(s):

The site is currently used for education and is the location of Oakwood Elementary School.

Describe Proposed Use(s):

Proposed use will remain the same as the present use as described in C-1.

Describe The Essential Services For Present And Future Uses:

The site currently uses municipal sewer, is accessed by Oakwood Rd and Omro Rd and uses a non-transient non-community well for domestic water.

Describe Why The Proposed Use Would Be The Highest And Best Use For The Property:

The proposed zone change to B-3 would permit the property to apply for sign configurations that are not currently permitted with the existing A-2 zoning.

Describe The Proposed Use(s) Compatibility With Surrounding Land Uses:

The proposed use is for an elementary school (same as current use) which is compatible with surrounding residential land use.

SECTION REFERENCE AND BASIS OF DECISION

23.7-5 Basis of decision

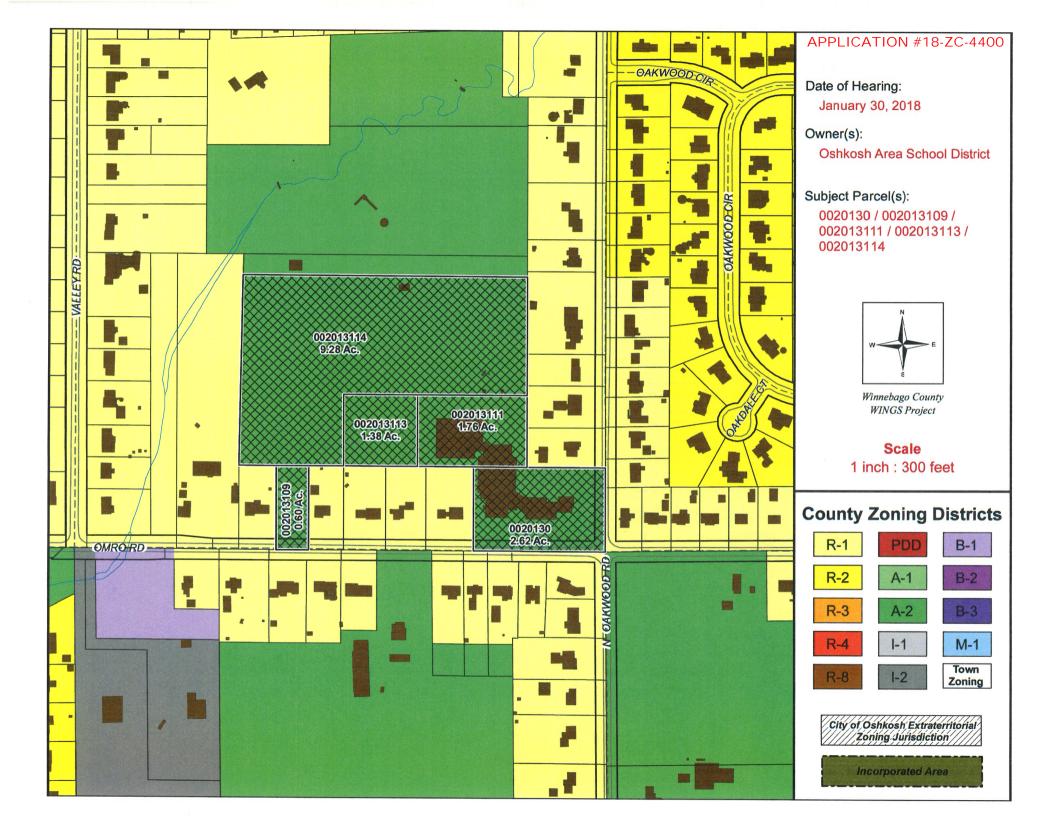
- (b) **Zoning map amendment initiated by a property owner**. If a proposed zoning map amendment is initiated by a property owner and would change the zoning classification of a parcel not classified as A-1, the Planning and Zoning Committee in making its recommendation and the Board of County Supervisors in making its decision shall consider the following factors:
- (1) whether the amendment is consistent with the county's comprehensive plan, including any future land use maps or similar maps:
- (2) the extent to which the lot and structures on the subject property conform to the dimensional standards that apply to the proposed zoning district; and
- (3) any other factor not specifically or generally listed, but deemed appropriate by the committee or board given the particular circumstances.

If a proposed zoning map amendment is initiated by a property owner and would change the zoning classification of land classified as A-1, the Planning and Zoning Committee shall only recommend approval and the Board of County Supervisors shall only approve the proposed amendment when all of the following findings can be made:

- (1) Such land is better suited for a use not otherwise allowed in the A-1 district.
- (2) The amendment is consistent with the county's comprehensive plan.
- (3) The amendment is substantially consistent with the county's farmland preservation plan as certified by the Wisconsin Department of Agriculture, Trade and Consumer Protection.
- (4) The amendment will not substantially impair or limit current or future agricultural use of other protected farmland in the area.

The special requirements stated above relating to the rezoning of land in a A-1 district do not apply to a map amendment that (1) is certified by the Wisconsin Department of Agriculture, Trade and Consumer Protection under ch. 91, Wis. Stats., or (2) makes the zoning map more consistent with county's farmland preservation plan map, certified under ch. 91, Wis. Stats., which is in effect at the time of the amendment.

- (c) **Zoning map amendment initiated by the county.** If a proposed zoning map amendment is initiated by the county, the Planning and Zoning Committee in making its recommendation and the Board of County Supervisors in making its decision shall consider the following factors:
- (1) whether the amendment is consistent with the county's comprehensive plan, including any future land use maps or similar maps;
- (2) whether the amendment is consistent with other planning documents adopted by the Board of County Supervisors; and
- (3) any other factor not specifically or generally listed, but deemed appropriate by the committee or board given the particular circumstances.





APPLICATION #18-ZC-4400

Date of Hearing:

January 30, 2018

Owner(s):

Oshkosh Area School District

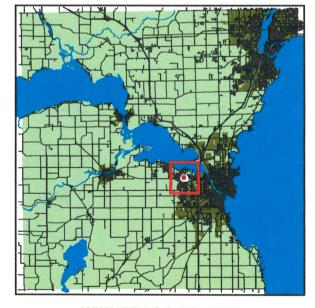
Subject Parcel(s):

0020130 / 002013109 / 002013111 / 002013113 / 002013114

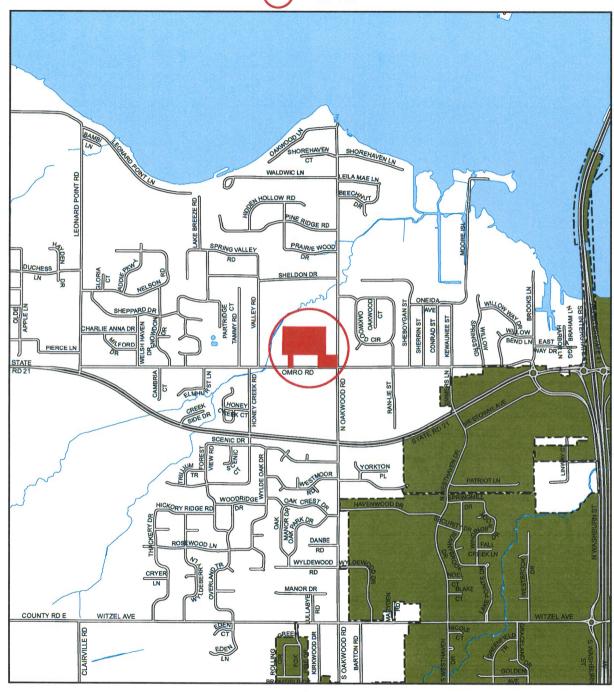


Winnebago County
WINGS Project





WINNEBAGO COUNTY



1 inch: 2,000 feet

Winnebago County Planning and Zoning Department

NOTICE OF PUBLIC HEARING PLANNING AND ZONING COMMITTEE 1/30/2018

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All interested persons wishing to be heard at the public hearing are invited to be present. For further detailed information concerning this notice, contact the Town Clerk or the Winnebago County Zoning Office, where the application is available for viewing.

INFORMATION ON ZONING MAP AMENDMENT REQUEST

Application No.: 2018-ZC-4380

Applicant: WALSH, KIM L

Agent: None

Location of Premises: 6780 WOODENSHOE RD, NEENAH, WI 54956

Tax Parcel No.: 010-011101, 010-01110201

Legal Description:

Being a part of the SW 1/4 of the NW 1/4, Section 7, Township 19 North, Range 17 East, Town of Neenah, Winnebago County, Wisconsin.

Explanation:

Applicant is requesting a zoning map amendment from A-2 (General Agriculture District)(wetlands) and R-2 (Suburban Low Density Residential District)(wetlands) to R-2 (Suburban Low Density Residential District)(no wetlands) to create residential lots.

INITIAL STAFF REPORT

Sanitation:

System Required Private System

Overlays:

Shoreland Wetlands

Current Zoning:

R-2 Suburban Low Density Residential; (wetlands)

A-2 General Agriculture; (wetlands)

Proposed Zoning:

R-2 Suburban Low Density Residential; (no wetlands)

Surrounding Zoning:

North: City of Neenah South: R-1;A-1 East: R-2 West: A-2; Town

THE FOLLOWING INFORMATION HAS BEEN PROVIDED BY THE OWNER / APPLICANT

Describe Present Use(s): This is currently a 5.16 acre private homestead zoned Ag, housing horses.

Describe Proposed Use(s):

The property will be divided into 4 lots. Lot 1 = 1.842 acres; Lot 2 = existing home with 1.234 acres; Lot 3 = 1.010 acres; Lot 4 = 1.071 acres zoned residential.

Describe The Essential Services For Present And Future Uses:

Present service for existing home is conventional septic, natural gas and electric, well for water. Future lots, including existing home, will be municipal City of Neenah sewer, natural gas, electric, well water.

Describe Why The Proposed Use Would Be The Highest And Best Use For The Property:

As there is city encroachment behind this property and now coming adjacent to current property, keeping horses and farming is more a liability than an asset.

Describe The Proposed Use(s) Compatibility With Surrounding Land Uses:

Proposed homes are coming up to property line and across the street. There is a high demand for larger lot sizes.

SECTION REFERENCE AND BASIS OF DECISION

23.7-5 Basis of decision

- (b) **Zoning map amendment initiated by a property owner**. If a proposed zoning map amendment is initiated by a property owner and would change the zoning classification of a parcel not classified as A-1, the Planning and Zoning Committee in making its recommendation and the Board of County Supervisors in making its decision shall consider the following factors:
- (1) whether the amendment is consistent with the county's comprehensive plan, including any future land use maps or similar maps;
- (2) the extent to which the lot and structures on the subject property conform to the dimensional standards that apply to the proposed zoning district; and
- (3) any other factor not specifically or generally listed, but deemed appropriate by the committee or board given the particular circumstances.

If a proposed zoning map amendment is initiated by a property owner and would change the zoning classification of land classified as A-1, the Planning and Zoning Committee shall only recommend approval and the Board of County Supervisors shall only approve the proposed amendment when all of the following findings can be made:

- (1) Such land is better suited for a use not otherwise allowed in the A-1 district.
- (2) The amendment is consistent with the county's comprehensive plan.
- (3) The amendment is substantially consistent with the county's farmland preservation plan as certified by the Wisconsin Department of Agriculture, Trade and Consumer Protection.

(4) The amendment will not substantially impair or limit current or future agricultural use of other protected farmland in the area.

The special requirements stated above relating to the rezoning of land in a A-1 district do not apply to a map amendment that (1) is certified by the Wisconsin Department of Agriculture, Trade and Consumer Protection under ch. 91, Wis. Stats., or (2) makes the zoning map more consistent with county's farmland preservation plan map, certified under ch. 91, Wis. Stats., which is in effect at the time of the amendment.

- (c) **Zoning map amendment initiated by the county.** If a proposed zoning map amendment is initiated by the county, the Planning and Zoning Committee in making its recommendation and the Board of County Supervisors in making its decision shall consider the following factors:
- (1) whether the amendment is consistent with the county's comprehensive plan, including any future land use maps or similar maps;
- (2) whether the amendment is consistent with other planning documents adopted by the Board of County Supervisors; and
- (3) any other factor not specifically or generally listed, but deemed appropriate by the committee or board given the particular circumstances.

010-0111-01

State of Wisconsin

DEPARTMENT OF NATURAL RESOURCES
Oshkosh Service Center
625 E County Road Y, Suite 700
Oshkosh, WI 54901-9731

Scott Walker, Governor Daniel L. Meyer, Secretary Telephone 608-266-2621 Toll Free 1-888-936-7463 TTY Access via relay - 711



November 16, 2017

WIC-NE-2017-71-03711

Kim Walsh 6780 Woodenshoe Rd Neenah, WI 54956

RE: Wetland Delineation Report for 9.809 acres located in the SW1/4 of the NW1/4 of Section 7, Township 19 North, Range 17 East, Town of Neenah, Winnebago County

Dear Ms. Walsh:

We have received and reviewed the wetland delineation report prepared for the above mentioned site by McMahon. This letter will serve as confirmation that the wetland boundaries as shown on the revised wetland delineation map received October 27, 2017 are acceptable. This finding is based upon an October 20, 2017 field visit. Any filling or grading within these areas will require DNR approvals. Our wetland confirmation is valid for five years unless altered site conditions warrant a new wetland delineation be conducted. Be sure to send a copy of the report, as well as any approved revisions, to the U.S. Army Corps of Engineers.

In order to comply with Chapter 23.321, State Statutes, please supply the department with a polygon shapefile of the wetland boundaries delineated within the project area. Please do not include data such as parcel boundaries, project limits, wetland graphic representation symbols, etc. If internal upland polygons are found within a wetland polygon, then please label as UPLAND. The shapefile should utilize a State Plane Projection, and be overlain onto recent aerial photography. If a different projection system is used, please indicate what system the data are projected to. In the correspondence sent with the shapefile, please supply a brief description of each wetland's plant community (eg: wet meadow, floodplain forest, etc.). Please send these data to Calvin Lawrence (608-266-0756, or calvin.lawrence@wisconsin.gov).

There may be a navigable stream identified on the property. DNR Chapter 30 permits will be needed if earthwork (filling, dredging, etc.) or structures (culverts, bridges, erosion control, etc.) are proposed in or adjacent to the waterway.

If you are planning development on the property, you are required to avoid take of endangered and threatened species, or obtain an incidental take authorization or permit, to comply with the state's Endangered Species Law. To insure compliance with the law, you should submit an endangered resources review form (Form 1700-047), available at http://dnr.wi.gov/topic/ERReview/Review.html. The Endangered Resources Program will provide a review response letter identifying any endangered and threatened species and any conditions that must be followed to address potential incidental take.



In addition to contacting WDNR, be sure to contact your local zoning office and U.S. Army Corps of Engineers to determine if any local or federal permits may be required for your project.

If you have any questions, please contact me at (920) 424-3058 or email Allison. Willman@wisconsin.gov.

Sincerely,

Allison Willman

Aumalle

Wetland Identification Specialist

cc: Nick Domer, Project Manager, U.S. Army Corps of Engineers

Winnebago County Zoning Department

Stacey Caplan, McMahon Garek Holley, McMahon

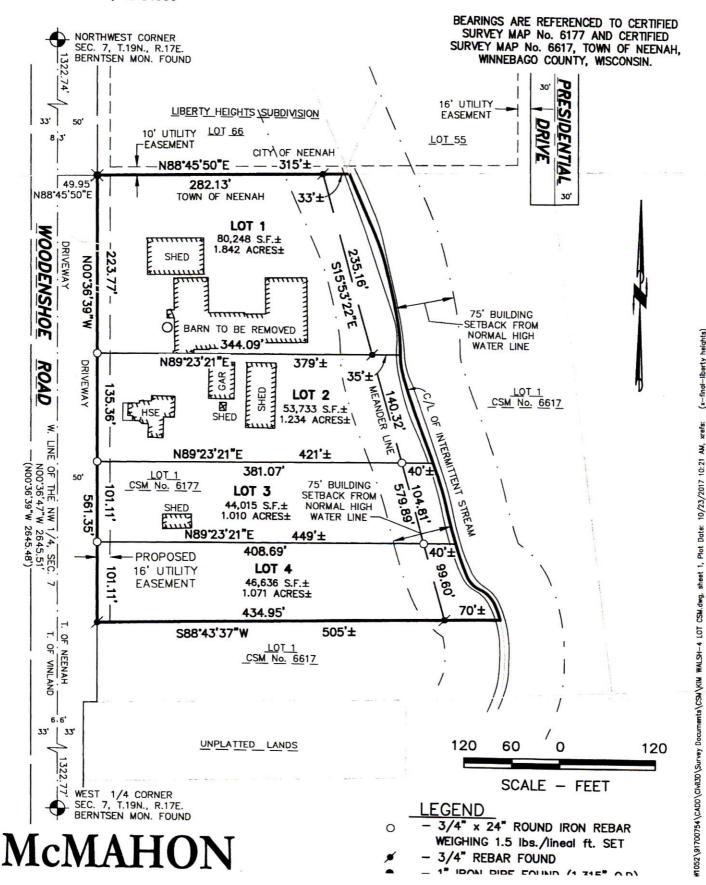
Sarah Adkins, DNR Water Management Specialist

1/4 OF THE NORTHWEST 1/4 OF SECTION 7, TOWNSHIP 19 NORTH, RANGE 17 EAST, TOWN OF NEENAH, WINNEBAGO COUNTY, WISCONSIN

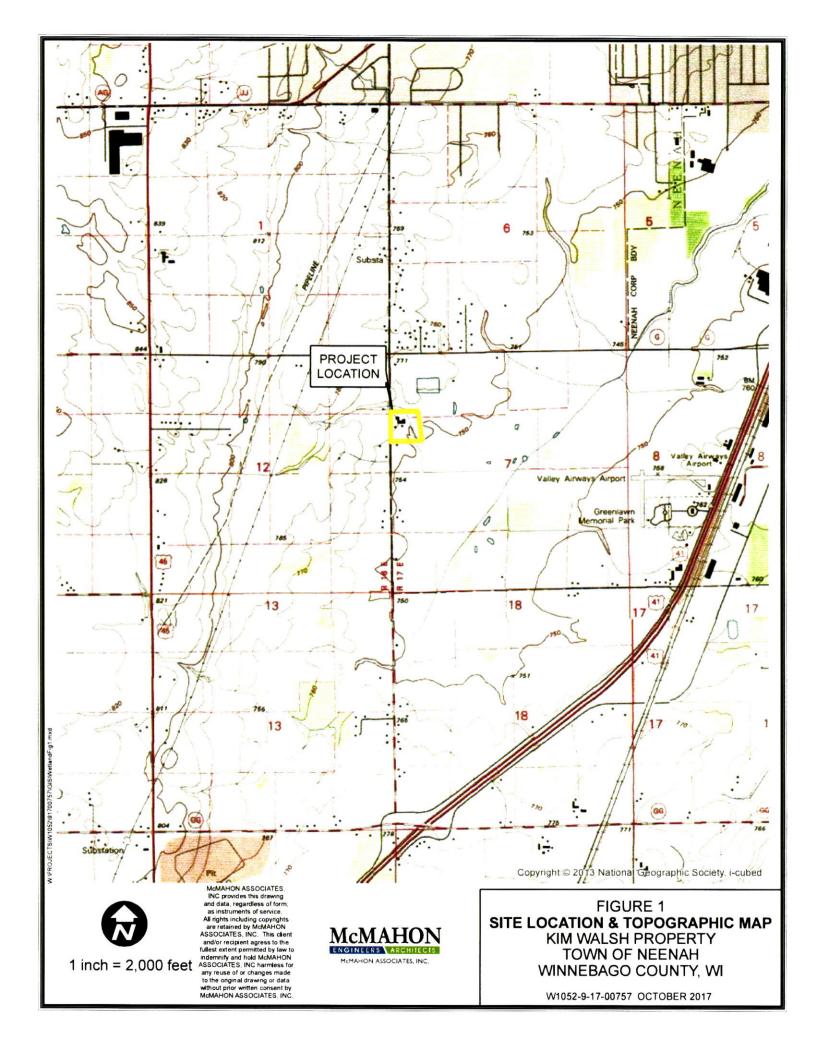
FOR: -KIM WALSH

-6780 WOODENSHOE ROAD

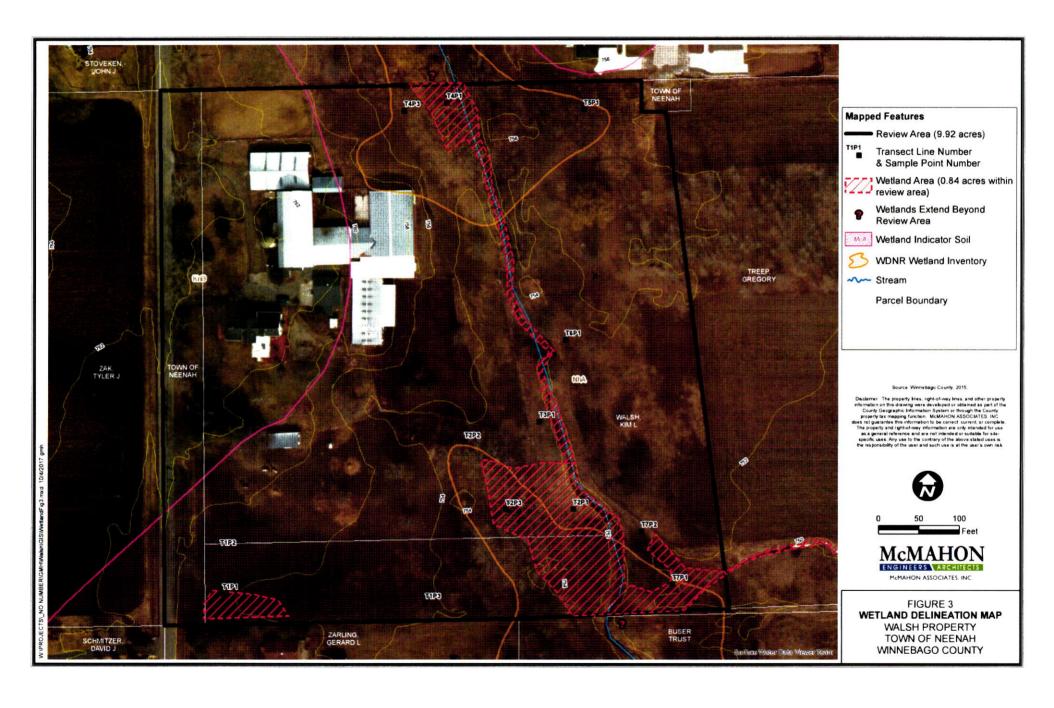
-NEENAH, WI 54956



(x-final-liberty heights)







Wetland Delineation Report

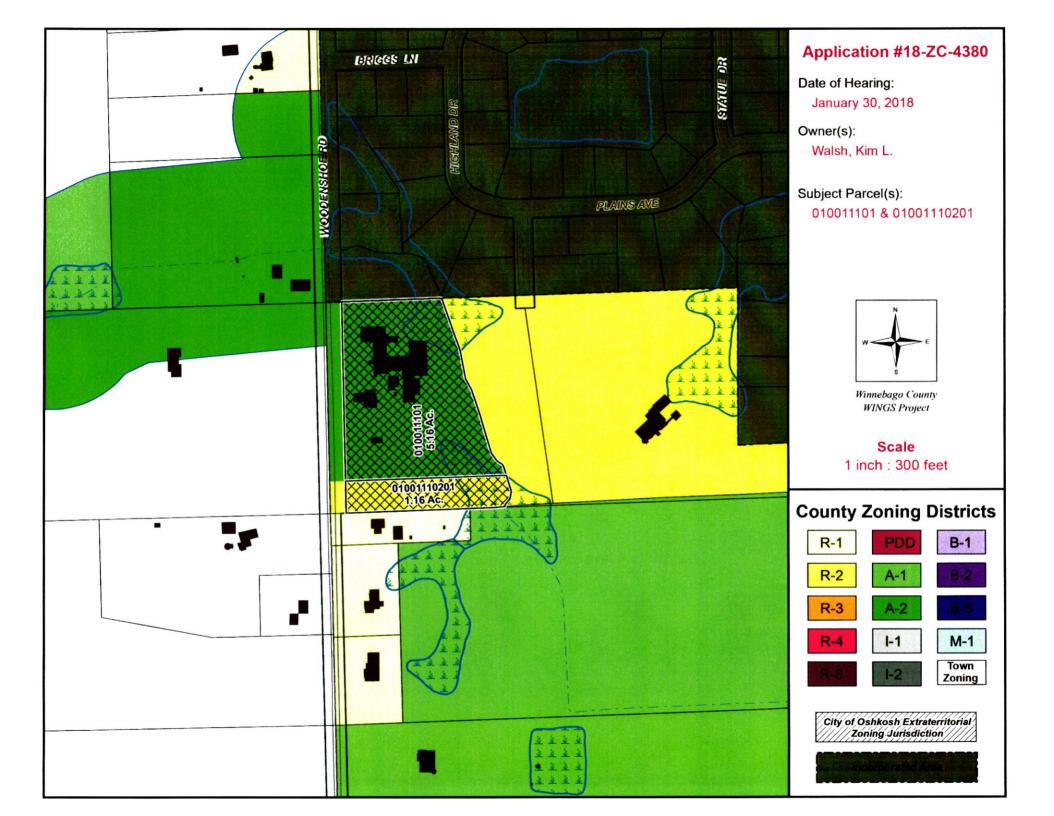
Kim Walsh Property
Town of Neenah | Winnebago County, Wisconsin

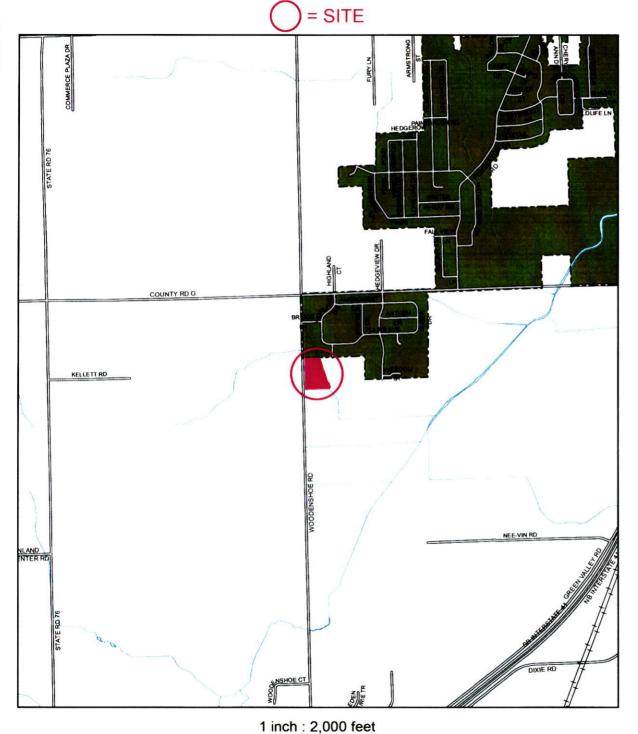
Prepared For

KIM WALSH NEENAH, WISCONSIN

The complete Wetland Delineation Report can be viewed on the January 26, 2018 Meetings and Agendas calendar on the Winnebago County home page at www.co.winnebago.wi.us.







Application #18-ZC-4380

Date of Hearing:

January 30, 2018

Owner(s):

Walsh, Kim L.

Subject Parcel(s):

010011101 & 01001110201



Winnebago County WINGS Project





WINNEBAGO COUNTY

Wetland Delineation Report

Kim Walsh Property
Town of Neenah | Winnebago County, Wisconsin

Prepared For

KIM WALSH NEENAH, WISCONSIN





October 5, 2017

Ms. Allison Willman Wisconsin Department of Natural Resources 625 E County Road Y, Suite 700 Oshkosh, WI 54901

Mr. Nick Domer U.S. Army Corps of Engineers Old Fort Square 211 N. Broadway, Suite 216 Green Bay, WI 54303

Re: **Wetland Delineation Report**

Kim Walsh Property

Town of Neenah | Winnebago County, Wisconsin

McM. No. W1052-9-17-00757

Dear Ms. Willman and Mr. Domer:

Enclosed is the Wetland Delineation Report for the Kim Walsh Property, Town of Neenah, Winnebago County, Wisconsin.

McMahon Associates, Inc. requests the Wisconsin Department of Natural Resources and the U.S. Army Corps of Engineers approval of the Wetland Delineation Report.

If you should have any further questions or comments, please feel free to contact me.

Respectfully,

McMahon Associates, Inc.

Environmental Scientist

Environmental Scientist

SAB:jlh

Enclosure: Wetland Delineation Report

Wetland Delineation Report

Kim Walsh Property
Town of Neenah | Winnebago County, Wisconsin

Prepared For

KIM WALSH

NEENAH, WISCONSIN

OCTOBER 5, 2017 McM. No. W1052-9-17-00757

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Figure 3 Wetland Delineation Map

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Appendix A COE Wetland Determination Data Forms

Appendix B Wetland Photographs

Appendix C Winnebago County Soil Resource Map & Soil Reports



Wetland Delineation Report

Kim Walsh Property
Town of Neenah | Winnebago County, Wisconsin

Prepared For

KIM WALSH

NEENAH, WISCONSIN

OCTOBER 5, 2017 McM. No. W1052-9-17-00757

I. INTRODUCTION

The project objective was to delineate wetlands located on the Kim Walsh Property. The property is located at 6780 Woodenshoe Road. The project area is located in Section Seven (7), Township Nineteen (19) North, Range Seventeen (17) East, Town of Neenah, Winnebago County, Wisconsin. The location of the project and regional topography is shown on Figure 1. The contact person and address for this project is provided below:

Kim Walsh 6780 Woodenshoe Road Neenah, WI 54956 Phone: 920-385-3011

Email: jjskm@hotmail.com

The Wetland Delineation was completed by Stacey Henk, Environmental Scientist of McMahon Associates, Inc. (McMAHON) as lead delineator, and Garek Holley, Environmental Scientist of McMAHON. Ms. Henk and Mr. Holley have completed 38 hours of wetland delineation training that was sponsored by various regulatory agencies, including the Wisconsin Department of Natural Resources (DNR) and U.S. Army Corps of Engineers. Field work was completed on October 4, 2017.

This report consists of a description of the methods used, results, conclusions, and supporting documentation.

II. METHODS

The Winnebago County Soil Survey Map and Wisconsin DNR Wetland Inventory Map are shown on Figure 2. The wetland and project area are shown on Figure 3.

The wetland delineation was performed using the routine determination method in the Corps of Engineers Wetland Delineation Manual, 1987 and Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region, January 2012. Furthermore, the resource, "Field Indicators of Hydric Soils in the United States, A Guide for Identifying and Delineating Hydric Soils", Version 8.1, 2017 was also used for determining whether the soils were hydric. The report was prepared in accordance with document titled "Guidance for Submittal of Delineation Reports to the St. Paul District Army Corps of Engineers and the Wisconsin Department of Natural Resources", March 4, 2015.

Percent cover was used to measure dominant species of vegetation. The sampling plots were a 5 foot radius for herbaceous plants, a 15 foot radius for shrubs and saplings, and a 30 foot radius for trees and woody vines. The "50/20 Rule" was used to determine the dominant species for each stratum.

Soil pits were completed in the field using a 16-inch spade shovel and a hand auger. Soil pits were dug to at least 20-inches in depth, unless refusal was encountered. Test pits were left open to observe hydrologic conditions and later backfilled when activities were completed.

The wetland boundary was delineated based upon changes in vegetation, soil, hydrology, topography, and professional judgment. The following documents were reviewed to aid in characterizing the vegetation, soil, and hydrology of the project area prior to field delineation activities.

- Winnebago County Soil Survey
- 7.5 Minute Series Topographic Map
- Wisconsin Wetland Inventory Map
- USDA Field Office Climate Data

A total of seven (7) transects were completed to delineate wetlands within the project area. A total of fourteen (14) sampling points were documented using COE Wetland Determination Forms. Copies of the forms are presented in Appendix A. The wetland boundaries and test pits were marked with labeled pin flags. Each pin flag was subsequently located with a Global Positioning System (GPS) capable of sub-foot accuracy. The points were then mapped using Geographic Information System (GIS) software to produce a wetland delineation map.

III. RESULTS & DISCUSSION

The project area is 9.92 acres. Photographs of the wetlands are presented in Appendix B. Three (3) wetlands, a total of 0.84 acres were delineated.

A USDA Wetness Evaluation Table was used to determine antecedent precipitation. This USDA climate data provides a range of normal precipitation for each month. The actual monthly precipitation is compared with this range to determine wetness conditions at the time of the wetland delineation. The Appleton WETS station received 2.90-inches of precipitation in September, indicating normal conditions. 4.99-inches of precipitation was recorded in the month of August, indicating wetter than normal conditions. In the month of July the station received 3.10-inches, indicating normal conditions. Based on this data, the period prior to the field work was normal.

Figure 2 shows the Wisconsin Wetland Inventory Map for the project area. There are two (2) mapped wetlands displayed in and adjacent to the project area. One (1) is located on the north side of the project area adjacent to a stream which transects the property, and the other is located on the south property line along the same stream. Figure 2 also shows the Winnebago County Soil Survey Map. Soil Resource and Hydric Soil Reports are presented in Appendix C. The Soil Survey Map shows two (2) soil map units in the project area. The map units are listed below:

- Kewaunee loam, 2 to 6 percent slopes (KnB) This soil is well drained. The map unit hydric category is predominantly non-hydric. The cumulative percentage of components that meet the criteria for hydric soils is 3%. The soil is included on the County Hydric Soil List as possibly containing the hydric component Poygan, drained in till plains.
- Neenah silty clay loam, 0 to 3 percent slopes (NhA) This soil is somewhat poorly drained. The map unit hydric category is predominantly non-hydric. The cumulative percentage of components that meet the criteria for hydric soils is 0%. The soil is included on the County Hydric Soil List as possibly containing the hydric component Menasha in depressions.

Wetland 1 (0.18 acres) is a topographically low area adjacent to the northern section of the stream which transects the property. This wetland contains only a small area of the DNR mapped wetland that surrounds it. Hydrology indicators geomorphic position (D2), and a positive FAC-neutral test (D5) were observed in the vicinity of T4P1. Soils throughout the wetland area met the hydric soil indicator depleted matrix (F3). Trees within the forested wetland include *Fraxinus pennsylvanica* and *Populus deltoides*. The rest of the vegetation is largely contained to the herbaceous layer and includes *Phalaris arundinacea*, *Elymus virginicus*, and *Leersia virginica*. Wetland 1 did not appear to continue east of the stream based on a noticeably higher elevation and the abundance of *Alliaria petiolata* and the absence of any large quantity of hydrophytes.

Wetland 2 (0.59 acres) is similar to Wetland 1 in its spatial proximity to the stream and its topography, but it also includes a gentle swale on the west side which conveys water to the stream, and also a ditch which transports water to the adjacent property to the east. Hydrology indicators found throughout the entire wetland included a positive FAC neutral test (D5) and geomorphic position (D2). Soils in the swale on the west side of the property met the F3 hydric

soil indicator depleted matrix, but contained approximately 10-inches of clay fill above the native topsoil. The F3 hydric soil indicator was also found at the other wetland test pits, but did not contain fill. Vegetation through most of the wetland included *Populus deltoides, Rhamnus cathartica, Phalaris arundinacea, Urtica dioica, Impatiens capensis*, and *Elymus virginicus*. Topographic breaks were not very distinct, but generally the wetland boundary followed a break in vegetation which transitioned from the previously mentioned hydrophytes to upland species including *Fragaria virginiana*, *Alliaria petiolata*, and *Arctium minus*.

Wetland 3 (2,729 square feet) is a mild depression located on the southwest corner of the project area in a horse pasture. Hydrology indicators found included a positive FAC neutral test (D5) and geomorphic position (D2). Soils met the F3 hydric soil indicator depleted matrix. Vegetation was relatively homogenous and was almost exclusively *Agrostis gigantea* with small amounts of *Setaria pumila* mixed in. Upland vegetation around the wetland included *Poa pratensis, Taraxacum officinale, Setaria pumila,* and *Trifolium repens*. Due to the use of this area as a horse pasture, it's believed that the soils have received significant compaction over time, and as such, slowed the infiltration of water enough to allow the establishment of hydrophytes and the creation of hydric soils.

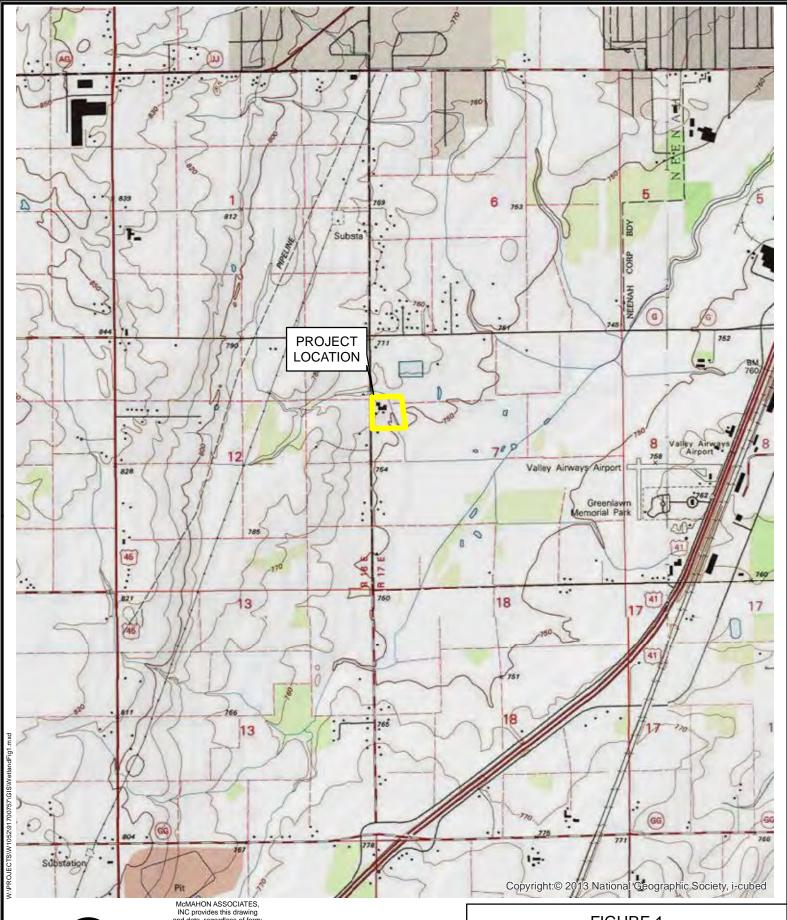
IV. CONCLUSIONS

McMAHON completed a wetland delineation within the project limits of the Kim Walsh Property. Three (3) wetlands, a total of 0.84 acres were mapped within the 9.92 acre project area. The final authorities for the wetland area are the appropriate State and Federal authorities.

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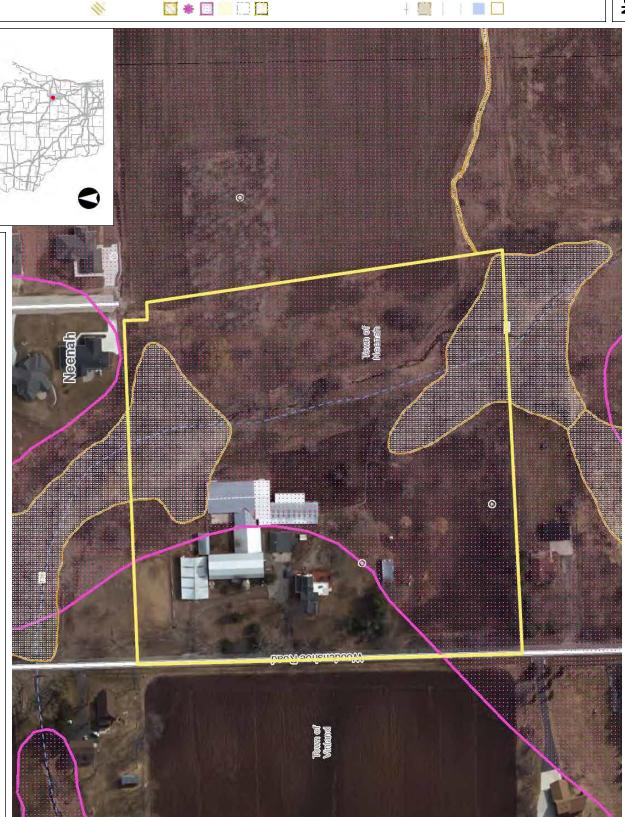
McMAHON ENGINEERS ARCHITECTS McMAHON ASSOCIATES, INC.

FIGURE 1 SITE LOCATION & TOPOGRAPHIC MAP KIM WALSH PROPERTY TOWN OF NEENAH WINNEBAGO COUNTY, WI

W1052-9-17-00757 OCTOBER 2017



Figure 2: Winnebago County Soil Survey & Wetland Inventory



Legend

Wetland Class Points

- Excavated pond Dammed pond
- Filled excavated pond
- Filled/drained wetland
- Wetland too small to delineate
- Filled Points

Wetland Class Areas

Wetland

- Filled Areas
- NRCS Wetspots
- Wetland Indicators
 - State Boundaries Municipality
- County Boundaries

 - Major Roads
- Interstate Highway State Highway

 - US Highway
- County and Local Roads County HWY
- Local Road
- Railroads
- Tribal Lands
- Rivers and Streams
- Intermittent Streams
- Lakes and Open water
- Index to EN_Image_Basemap_Leaf_ Off

Notes

Figure 2: Winnebago County Soil Survey & WDNR Wetland Inventory Map, Walsh Property, Town of Neenah, Outagamie County, WI

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/legal/

DISCLAIMER: The information shown on these maps has been obtained from various

0.1 Miles

0.03

0

0.1

NAD_1983_HARN_Wisconsin_TM

1: 1,980



Mapped Features

Review Area (9.92 acres)

Transect Line Number & Sample Point Number

Wetland Area (0.84 acres within review area)



Wetlands Extend Beyond Review Area



Wetland Indicator Soil



WDNR Wetland Inventory



Stream

Parcel Boundary

Source: Winnebago County, 2015.

Disclaimer: The property lines, right-of-way lines, and other property information on this drawing were developed or obtained as part of the County Geographic Information System or through the County property tax mapping function. McMAHON ASSOCIATES, INC does not guarantee this information to be correct, current, or complete. The property and right-of-way information are only intended for use as a general reference and are not intended or suitable for sitespecific uses. Any use to the contrary of the above stated uses is the responsibility of the user and such use is at the user's own risk.



FIGURE 3 **WETLAND DELINEATION MAP WALSH PROPERTY** TOWN OF NEENAH WINNEBAGO COUNTY

Δ	D	D	F	N	D	IX	Δ
_		_	_	w	_		_

COE WETLAND DETERMINATION DATA FORMS

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Walsh Property	City/County:	Neenah/Winnebago Samp	pling Date: <u>10/4/2017</u>				
Applicant/Owner: Kim Walsh		State: WI S	Sampling Point: T1P1				
Investigator(s): Stacey Henk, Garek Holley		Section, Township, Rang					
Landform (hillslope, terrace, etc.): Terrace	Lo	cal relief (concave, convex					
Slope (%): 2 Lat.:	Long.:	Datum:					
Soil Map Unit NameNhA		NWI Classific	cation:				
Are climatic/hydrologic conditions of the site	typical for this time of the year						
Are vegetation , soil , or h			normal				
		•	mstances" present? Yes				
(If needed, explain any answers in remarks)							
, , , , , , , , , , , , , , , , , , , ,							
SUMMARY OF FINDINGS							
Hydrophytic vegetation present?	Y Is the sampled	d area within a wetland?	Υ				
Hydric soil present?	<u> </u>	10 the dumpied and mann a mediana:					
Indicators of wetland hydrology present?	<u> </u>	I wetland site ID:					
Indicators of wetland flydrology present:	1 II yes, optional	Welland Sile iD.					
Remarks: (Explain alternative procedures he	re or in a separate report)						
Terrains. (Explain alternative procedures he	re or in a soparate report.,						
HYDROLOGY							
		Secondary In	ndicators (minimum of two				
Primary Indicators (minimum of one is require	ed shock all that apply)	required)	idicators (illillillidi) or two				
Primary Indicators (minimum of one is require		• •	Soil Crooks (P6)				
Surface Water (A1)	Water-Stained Leaves (B9)		Soil Cracks (B6)				
High Water Table (A2)	Aquatic Fauna (B13)		Patterns (B10)				
Saturation (A3)	Marl Deposits (B15)		m Lines (B16)				
Water Marks (B1)	Hydrogen Sulfide Odor (C1)		on Water Table (C2)				
Sediment Deposits (B2)	Oxidized Rhizospheres on L		Burrows (C8)				
Drift Deposits (B3)	Roots (C3)		n Visible on Aerial Imagery				
Algal Mat or Crust (B4)	Presence of Reduced Iron (5: (54)				
Iron Deposits (B5)	Recent Iron Reduction in Til		or Stressed Plants (D1)				
Inundation Visible on Aerial	Soils (C6)		hic Position (D2)				
Imagery (B7)	Thin Muck Surface (C7)		Aquitard (D3)				
Sparsely Vegetated Concave	Other (Explain in Remarks)		tral Test (D5)				
Surface (B8)		Microtopo	ographic Relief (D4)				
							
Field Observations:			_				
Surface water present? Yes	No X Depth (inches)		cators of				
Water table present? Yes	No X Depth (inches)		retland				
Saturation present? Yes	No X Depth (inches)		drology				
(includes capillary fringe)		pr	resent? Y				
Describe recorded data (stream gauge, moni	itoring well, aerial photos, prev	∕ious inspections), if availal	ble:				
Remarks:							

SOIL T1P1 **Sampling Point:** Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Matrix Redox Features Texture Remarks (Inches) Color (moist) % Loc** Color (moist) Type* 0-2 С 7.5YR 4/1 100 2-14 7.5YR 4/1 5 С С 95 7.5YR 5/6 Μ 14-19 7.5YR 4/2 70 5Y 6/1 5 D Μ С 25 С 7.5YR 6/6 Μ 19-24 5YR 5/4 25 С Μ SIC 65 5YR 5/6 5YR 5/1 10 D М *Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains *Location: PL=Pore Lining, M=Matrix Hydric Soil Indicators: **Indicators for Problematic Hydric Soils:** 2 cm Muck (A10) (LRR K, L, MLRA 149B Histisol (A1) Polyvalue Below Surface Coast Prairie Redox (A16) (LRR K, L, R) Histic Epipedon (A2) (S8) (LRR R, MLRA 149B) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Black Histic (A3) Thin Dark Surface (S9) Hydrogen Sulfide (A4) (LRR R, MLRA 149B Dark Surface (S7) (LRR K, L Stratified Layers (A5) Loamy Mucky Mineral (F1) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Depleted Below Dark Suface (A11) (LRR K, L) Thick Dark Surface (A12) Loamy Gleyed Matrix (F2) Iron-Manganese Masses (F12) (LRR K, L, R) Piedmont Floodplain Soils (F19) (MLRA 149B) X Depleted Matrix (F3) Sandy Mucky Mineral (S1) Redox Dark Surface (F6) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Depleted Dark Surface (F7) Red Parent Material (F21) Stripped Matrix (S6) Redox Depressions (F8) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA Other (Explain in Remarks) 149B) *Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: Hydric soil present? Y Depth (inches): Remarks:

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Applicant/Owner: Kim Walsh		Neenah/Winnebago Sampling Date: 10/4/2017		
		State: WI Sampling Point: T1P2		
Investigator(s): Stacey Henk, Garek Holle	Y	Section, Township, Range: Sec 7, T19N, R17E		
Landform (hillslope, terrace, etc.): Backs		ocal relief (concave, convex, none): none		
Slope (%): 2 Lat.:	Long.:	Datum:		
Soil Map Unit NameNhA		NWI Classification:		
Are climatic/hydrologic conditions of the si	ite typical for this time of the year			
		ntly disturbed? Are "normal		
		problematic? circumstances" present? Yes		
(If needed, explain any answers in remark				
, , ,	-,			
SUMMARY OF FINDINGS				
Hydrophytic vegetation present?	N Is the sample	ed area within a wetland?		
Hydric soil present?	N Is the sampled also making a visualian			
Indicators of wetland hydrology present?		al wetland site ID:		
indicators of wettand nyurology present:	— II yes, optione	al Welland Site ID.		
Remarks: (Explain alternative procedures	here or in a senarate report)			
Mondano. (Explain anomativo processio	Tiolo of ill a doparate report,			
Area is a grazed horse pasture				
HYDROLOGY				
		Secondary Indicators (minimum of two		
Primary Indicators (minimum of one is req	uired: check all that apply)	required)		
Surface Water (A1)	Water-Stained Leaves (B9)	• •		
High Water Table (A2)	Aquatic Fauna (B13)	Drainage Patterns (B10)		
Saturation (A3)	Marl Deposits (B15)	Moss Trim Lines (B16)		
Water Marks (B1)	Hydrogen Sulfide Odor (C1			
Sediment Deposits (B2)	Oxidized Rhizospheres on			
Drift Deposits (B3)	Roots (C3)	Saturation Visible on Aerial Imagery		
Algal Mat or Crust (B4)	Presence of Reduced Iron	Saturation visible on Aeriai illiagery		
Aluai ivial of Crusi (D4)		(C4)		
Iron Deposits (B5)	Recent Iron Reduction in T	Stunted or Stressed Plants (D1)		
Iron Deposits (B5) Inundation Visible on Aerial	Recent Iron Reduction in T	Stunted or Stressed Plants (D1) Geomorphic Position (D2)		
Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7)	Recent Iron Reduction in Tourist (C6) Thin Muck Surface (C7)	Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3)		
Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave	Recent Iron Reduction in T	Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)		
Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7)	Recent Iron Reduction in Tourist (C6) Thin Muck Surface (C7)	Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3)		
Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8)	Recent Iron Reduction in Tourist (C6) Thin Muck Surface (C7)	Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)		
Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations:	Recent Iron Reduction in Tomosomer (C6) Thin Muck Surface (C7) Other (Explain in Remarks)	Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Microtopographic Relief (D4)		
Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface water present? Yes	Recent Iron Reduction in Tourist (C6) Thin Muck Surface (C7) Other (Explain in Remarks) No X Depth (inches	Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Microtopographic Relief (D4) s): Indicators of		
Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface water present? Yes Water table present? Yes	Recent Iron Reduction in Tourist Soils (C6) Thin Muck Surface (C7) Other (Explain in Remarks) No X Depth (inches No X Depth (inches	Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Microtopographic Relief (D4) s): Indicators of wetland		
Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface water present? Yes Water table present? Yes Saturation present? Yes	Recent Iron Reduction in Tourist (C6) Thin Muck Surface (C7) Other (Explain in Remarks) No X Depth (inches	Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Microtopographic Relief (D4) s): Indicators of wetland hydrology		
Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface water present? Yes Water table present? Yes	Recent Iron Reduction in Tourist Soils (C6) Thin Muck Surface (C7) Other (Explain in Remarks) No X Depth (inches No X Depth (inches	Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Microtopographic Relief (D4) s): Indicators of wetland		
Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface water present? Yes Water table present? Yes Saturation present? Yes (includes capillary fringe)	Recent Iron Reduction in T Soils (C6) Thin Muck Surface (C7) Other (Explain in Remarks) No X Depth (inches No X Depth (inches No X Depth (inches	Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Microtopographic Relief (D4) s): Indicators of wetland hydrology present? N		
Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface water present? Yes Water table present? Yes Saturation present? Yes	Recent Iron Reduction in T Soils (C6) Thin Muck Surface (C7) Other (Explain in Remarks) No X Depth (inches No X Depth (inches No X Depth (inches	Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Microtopographic Relief (D4) s): Indicators of wetland hydrology present? N		
Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface water present? Yes Water table present? Yes Saturation present? Yes (includes capillary fringe)	Recent Iron Reduction in T Soils (C6) Thin Muck Surface (C7) Other (Explain in Remarks) No X Depth (inches No X Depth (inches No X Depth (inches	Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Microtopographic Relief (D4) s): Indicators of wetland hydrology present? N		
Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface water present? Yes Water table present? Yes Saturation present? Yes (includes capillary fringe)	Recent Iron Reduction in T Soils (C6) Thin Muck Surface (C7) Other (Explain in Remarks) No X Depth (inches No X Depth (inches No X Depth (inches	Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Microtopographic Relief (D4) s): Indicators of wetland hydrology present? N		
Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface water present? Yes Water table present? Yes Saturation present? Yes (includes capillary fringe) Describe recorded data (stream gauge, m	Recent Iron Reduction in T Soils (C6) Thin Muck Surface (C7) Other (Explain in Remarks) No X Depth (inches No X Depth (inches No X Depth (inches	Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Microtopographic Relief (D4) s): Indicators of wetland hydrology present? N		
Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface water present? Yes Water table present? Yes Saturation present? Yes (includes capillary fringe)	Recent Iron Reduction in T Soils (C6) Thin Muck Surface (C7) Other (Explain in Remarks) No X Depth (inches No X Depth (inches No X Depth (inches	Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Microtopographic Relief (D4) s): Indicators of wetland hydrology present? N		
Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface water present? Yes Water table present? Yes Saturation present? Yes (includes capillary fringe) Describe recorded data (stream gauge, m	Recent Iron Reduction in T Soils (C6) Thin Muck Surface (C7) Other (Explain in Remarks) No X Depth (inches No X Depth (inches No X Depth (inches	Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Microtopographic Relief (D4) s): Indicators of wetland hydrology present? N		

SOIL T1P2 **Sampling Point:** Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Matrix Redox Features Texture Remarks (Inches) % Loc** Color (moist) Color (moist) Type* 70 С 0-8 7.5YR 4/1 5YR 5/4 30 8-24 5YR 5/4 80 5YR 5/6 15 С Μ С 5YR 5/1 5 D PL*Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains *Location: PL=Pore Lining, M=Matrix Hydric Soil Indicators: **Indicators for Problematic Hydric Soils:** 2 cm Muck (A10) (LRR K, L, MLRA 149B Histisol (A1) Polyvalue Below Surface Coast Prairie Redox (A16) (LRR K, L, R) Histic Epipedon (A2) (S8) (LRR R, MLRA 149B) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Black Histic (A3) Thin Dark Surface (S9) Hydrogen Sulfide (A4) (LRR R, MLRA 149B Dark Surface (S7) (LRR K, L Stratified Layers (A5) Loamy Mucky Mineral (F1) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Depleted Below Dark Suface (A11) (LRR K, L) Loamy Gleyed Matrix (F2) Iron-Manganese Masses (F12) (LRR K, L, R) Thick Dark Surface (A12) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Mucky Mineral (S1) Depleted Matrix (F3) Redox Dark Surface (F6) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Depleted Dark Surface (F7) Red Parent Material (F21) Stripped Matrix (S6) Redox Depressions (F8) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA Other (Explain in Remarks) 149B) *Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: Hydric soil present? N Depth (inches): Remarks:

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Walsh Property	C	ity/County:	Neenah/\	Winnebago	_Sampling Date	: <u>10/4/20</u>)17	
Applicant/Owner: Kim Walsh	_		State:	WI	Sampling F	oint:	T1P3	
Investigator(s): Stacey Henk, Garek Holley			Section	, Township	, Range: Sec 7,	T19N, F	₹17E	_
Landform (hillslope, terrace, etc.): Terrace		Loc			convex, none):	none		
Slope (%): 2 Lat.:	Long.:		Dat	tum:				_
Soil Map Unit NameNhA				NWI C	lassification:			_
Are climatic/hydrologic conditions of the site	typical for this tim	ne of the year	? Yes	(If no,	explain in remarl	ks)		_
Are vegetation , soil , or		significantly		ed?	Are "normal	•		
	hydrology	naturally pr	oblemati	ic?	circumstances'	" presen	t? Yes	;
(If needed, explain any answers in remarks		_				•		_
SUMMARY OF FINDINGS								
Hydrophytic vegetation present?	<u>Y</u> Is	the sampled	area wit	hin a wetla	nd?	N	_	
Hydric soil present?	<u>N</u>							
Indicators of wetland hydrology present?	N If	yes, optional	wetland	site ID:				
Remarks: (Explain alternative procedures h	ere or in a separat	e report.)						
HYDDOLOGY								
HYDROLOGY								_
					dary Indicators (minimun	n of two	
Primary Indicators (minimum of one is requi		• .		require	•			
Surface Water (A1)	Water-Stained				ırface Soil Cracks			
High Water Table (A2)	Aquatic Fauna	(B13)		Dra	ainage Patterns (l	B10)		
Saturation (A3)	Marl Deposits	(B15)			oss Trim Lines (B	,		
Water Marks (B1)	Hydrogen Sulfi	ide Odor (C1)		Dr	y-Season Water 1	Γable (C2	2)	
Sediment Deposits (B2)	Oxidized Rhizo	ospheres on Li	ving	Cra	ayfish Burrows (C	(8)		
Drift Deposits (B3)	Roots (C3)	s (C3)			Saturation Visible on Aerial Imagery			
Algal Mat or Crust (B4)	Presence of R	educed Iron (C	24)	(C	9)			
Iron Deposits (B5)	Recent Iron Re	eduction in Tille	ed	Stu	unted or Stressed	Plants (D1)	
Inundation Visible on Aerial	Soils (C6)			— Ge	eomorphic Positio	n (D2)		
Imagery (B7)	Thin Muck Sur	face (C7)		Sh	allow Aquitard (D	3)		
Sparsely Vegetated Concave	Other (Explain	in Remarks)		X FA	C-Neutral Test (E)5)		
Surface (B8)				Mic	crotopographic Re	elief (D4))	
Field Observations:								
Surface water present? Yes		epth (inches):			Indicators of			
Water table present? Yes		epth (inches):			wetland			
Saturation present? Yes	No X D	epth (inches):			hydrology			
(includes capillary fringe)	·				present?	N	_	
Describe recorded data (stream gauge, mo	nitoring well, aerial	photos, previ	ious insp	pections), if	available:			
Remarks:								

SOIL T1P3 **Sampling Point:** Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Matrix Redox Features Texture Remarks (Inches) Color (moist) % Type* Loc** Color (moist) 7.5YR 3/2 0-8 100 SICL 8-24 2.5YR 5/4 80 20 С С 5YR 5/6 Μ *Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains *Location: PL=Pore Lining, M=Matrix Hydric Soil Indicators: **Indicators for Problematic Hydric Soils:** 2 cm Muck (A10) (LRR K, L, MLRA 149B Histisol (A1) Polyvalue Below Surface Coast Prairie Redox (A16) (LRR K, L, R) Histic Epipedon (A2) (S8) (LRR R, MLRA 149B) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Black Histic (A3) Thin Dark Surface (S9) Hydrogen Sulfide (A4) (LRR R, MLRA 149B Dark Surface (S7) (LRR K, L Stratified Layers (A5) Loamy Mucky Mineral (F1) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Depleted Below Dark Suface (A11) (LRR K, L) Loamy Gleyed Matrix (F2) Iron-Manganese Masses (F12) (LRR K, L, R) Thick Dark Surface (A12) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Mucky Mineral (S1) Depleted Matrix (F3) Redox Dark Surface (F6) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Depleted Dark Surface (F7) Red Parent Material (F21) Stripped Matrix (S6) Redox Depressions (F8) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA Other (Explain in Remarks) 149B) *Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: Hydric soil present? N Depth (inches): Remarks:

Project/Site: Walsh Property	City/County:	Neenah/Winnebago	Sampling Date: <u>10/4/2017</u>
Applicant/Owner: Kim Walsh	<u> </u>	State: WI	Sampling Point: T2P1
Investigator(s): Stacey Henk, Garek Holley		Section, Township	o, Range: Sec 7, T19N, R17E
Landform (hillslope, terrace, etc.): Terrace -	shoulder of stream Lo	cal relief (concave,	
Slope (%): 2 Lat.:	Long.:	Datum:	•
Soil Map Unit NameNhA		NWI C	Classification:
Are climatic/hydrologic conditions of the site ty	pical for this time of the year		explain in remarks)
Are vegetation , soil , or hy		ly disturbed?	Are "normal
		roblematic?	circumstances" present? Yes
(If needed, explain any answers in remarks)	<u> </u>		•
, ,			
SUMMARY OF FINDINGS			
Hydrophytic vegetation present?	Y Is the sampled	d area within a wetla	and? Y
Hydric soil present?	Y		
Indicators of wetland hydrology present?		I wetland site ID:	
Indicators of wetland flydrology present:	1 yes, optional	Welland Site ID.	
Remarks: (Explain alternative procedures here	e or in a senarate report)		
Memario. (Explain alternative procedures here	s of in a separate report,		
HYDROLOGY			
TIT DROLLOG!		Secon	ndary Indicators (minimum of two
Drimany Indicators (minimum of one is require	d. shook all that apply)		
Primary Indicators (minimum of one is required		require	•
Surface Water (A1)	Water-Stained Leaves (B9)		urface Soil Cracks (B6)
High Water Table (A2)	Aquatic Fauna (B13)		rainage Patterns (B10)
Saturation (A3)	Marl Deposits (B15)		oss Trim Lines (B16)
Water Marks (B1)	Hydrogen Sulfide Odor (C1)		ry-Season Water Table (C2)
Sediment Deposits (B2)	Oxidized Rhizospheres on L		rayfish Burrows (C8)
Drift Deposits (B3)	Roots (C3)		aturation Visible on Aerial Imagery
Algal Mat or Crust (B4)	Presence of Reduced Iron (
Iron Deposits (B5)	Recent Iron Reduction in Till		runted or Stressed Plants (D1)
Inundation Visible on Aerial	Soils (C6)		eomorphic Position (D2)
Imagery (B7)	Thin Muck Surface (C7)		nallow Aquitard (D3)
Sparsely Vegetated Concave	Other (Explain in Remarks)		AC-Neutral Test (D5)
Surface (B8)		Mi	icrotopographic Relief (D4)
Field Observations:			
<u> </u>	No X Depth (inches)		Indicators of
	No X Depth (inches)		wetland
	No X Depth (inches)):	hydrology
(includes capillary fringe)			present? Y
Describe recorded data (stream gauge, monitor	oring well, aerial photos, prev	vious inspections), if	i available:
Remarks:			
Adjacent to stream			
•			

SOIL T2P1 **Sampling Point:** Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Matrix Redox Features Texture Remarks (Inches) Color (moist) % Type* Loc** Color (moist) % 0-6 7.5YR 4/2 100 SICL 6-18 7.5YR 4/2 7.5YR 4/6 5 С SICL Refusal at 18" 55 Μ 7.5YR 4/1 40 *Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains *Location: PL=Pore Lining, M=Matrix Hydric Soil Indicators: **Indicators for Problematic Hydric Soils:** 2 cm Muck (A10) (LRR K, L, MLRA 149B Histisol (A1) Polyvalue Below Surface Coast Prairie Redox (A16) (LRR K, L, R) Histic Epipedon (A2) (S8) (LRR R, MLRA 149B) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Black Histic (A3) Thin Dark Surface (S9) Hydrogen Sulfide (A4) (LRR R, MLRA 149B Dark Surface (S7) (LRR K, L Stratified Layers (A5) Loamy Mucky Mineral (F1) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Depleted Below Dark Suface (A11) (LRR K, L) Loamy Gleyed Matrix (F2) Iron-Manganese Masses (F12) (LRR K, L, R) Thick Dark Surface (A12) Piedmont Floodplain Soils (F19) (MLRA 149B) X Depleted Matrix (F3) Sandy Mucky Mineral (S1) Redox Dark Surface (F6) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Depleted Dark Surface (F7) Red Parent Material (F21) Stripped Matrix (S6) Redox Depressions (F8) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA Other (Explain in Remarks) 149B) *Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: Hydric soil present? Y Depth (inches): Remarks:

Project/Site: Walsh Property	City/County:	Neenah/Winnebago	Sampling Date: 10/4/2	017
Applicant/Owner: Kim Walsh		State: WI	Sampling Point:	T2P2
Investigator(s): Stacey Henk, Garek Holley		Section, Township	, Range: Sec 7, T19N, F	R17E
Landform (hillslope, terrace, etc.): Backslop	pe Lo	cal relief (concave,		
Slope (%): 2 Lat.:	Long.:	Datum:		
Soil Map Unit NameNhA		NWI C	Classification:	
Are climatic/hydrologic conditions of the site t	typical for this time of the year		explain in remarks)	
Are vegetation , soil , or h		ly disturbed?	Are "normal	
		roblematic?	circumstances" preser	nt? Yes
(If needed, explain any answers in remarks)	,,			
, ,				
SUMMARY OF FINDINGS				
Hydrophytic vegetation present?	Y Is the sampled	d area within a wetla	and? N	
Hydric soil present?	N Is an estimpted			- 1
Indicators of wetland hydrology present?		I wetland site ID:		
Indicators of wetland flydrology present.	II you, optional	Welland Site ID.		— I
Remarks: (Explain alternative procedures her	re or in a separate report.)			
Tremains. (Explain alternative procedures her	e of in a soparato roport.			I
Edge of horse pasture				I
HYDROLOGY				
		Secon	ndary Indicators (minimu	m of two
Primary Indicators (minimum of one is require	ed: check all that apply)	require		
Surface Water (A1)	Water-Stained Leaves (B9)	•	urface Soil Cracks (B6)	
High Water Table (A2)	Aquatic Fauna (B13)		rainage Patterns (B10)	
Saturation (A3)	Marl Deposits (B15)		oss Trim Lines (B16)	
Water Marks (B1)	Hydrogen Sulfide Odor (C1)		ry-Season Water Table (C	:21
Sediment Deposits (B2)	Oxidized Rhizospheres on L		rayfish Burrows (C8)	2,
Drift Deposits (B3)	Roots (C3)		aturation Visible on Aerial	Imagery
Algal Mat or Crust (B4)	Presence of Reduced Iron (IIIIayei y
Iron Deposits (B5)			cunted or Stressed Plants	(D1)
	Recent Iron Reduction in Til			(1)
Inundation Visible on Aerial	Soils (C6) Thin Muck Surface (C7)		eomorphic Position (D2)	
Imagery (B7)	Thin Muck Surface (C7)		nallow Aquitard (D3)	
Sparsely Vegetated Concave	Other (Explain in Remarks)		AC-Neutral Test (D5)	
Surface (B8)		IVII	icrotopographic Relief (D4	·)
Field Observations:				
Field Observations:	No. V Donth (inches)	١.	Indiantors of	
Surface water present? Yes	No X Depth (inches)		Indicators of	
Water table present? Yes	No X Depth (inches)		wetland	
Saturation present? Yes	No X Depth (inches)):	hydrology	
(includes capillary fringe)			present? Y	_
Describe received data (atroom gourge moni	t recall paried photos prov	::-:::::::::::::::::::::::::::::::::::	f silabla.	
Describe recorded data (stream gauge, moni	toring well, aerial priolos, prev	/lous inspections), ii	avaliable:	
Domonico				
Remarks:				

SOIL T2P2 **Sampling Point:** Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Matrix Redox Features Texture Remarks (Inches) Color (moist) % Loc** Color (moist) Type* 7.5YR 4/1 75 С 0-19 2.5YR 5/4 25 19-24 2.5YR 6/4 70 5YR 5/6 10 С Μ **FSL** 5YR 7/2 20 D Μ *Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains *Location: PL=Pore Lining, M=Matrix Hydric Soil Indicators: **Indicators for Problematic Hydric Soils:** 2 cm Muck (A10) (LRR K, L, MLRA 149B Histisol (A1) Polyvalue Below Surface Coast Prairie Redox (A16) (LRR K, L, R) Histic Epipedon (A2) (S8) (LRR R, MLRA 149B) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Black Histic (A3) Thin Dark Surface (S9) Hydrogen Sulfide (A4) (LRR R, MLRA 149B Dark Surface (S7) (LRR K, L Stratified Layers (A5) Loamy Mucky Mineral (F1) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Depleted Below Dark Suface (A11) (LRR K, L) Loamy Gleyed Matrix (F2) Iron-Manganese Masses (F12) (LRR K, L, R) Thick Dark Surface (A12) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Mucky Mineral (S1) Depleted Matrix (F3) Redox Dark Surface (F6) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Depleted Dark Surface (F7) Red Parent Material (F21) Stripped Matrix (S6) Redox Depressions (F8) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA Other (Explain in Remarks) 149B) *Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: Hydric soil present? N Depth (inches): Remarks:

Project/Site: Walsh Property	City/County:	Neenah/Winnebago Sampling Date: 10/4/2017	
Applicant/Owner: Kim Walsh		State: WI Sampling Point: T2P3	3
Investigator(s): Stacey Henk, Garek Holley		Section, Township, Range: Sec 7, T19N, R17E	
Landform (hillslope, terrace, etc.): Terrace	Lo	ocal relief (concave, convex, none): concave	
Slope (%): 2 Lat.:	Long.:	Datum:	
Soil Map Unit NameNhA		NWI Classification:	
Are climatic/hydrologic conditions of the site	typical for this time of the year		
Are vegetation , soil , or h		ly disturbed? Are "normal	
			Yes
(If needed, explain any answers in remarks)	<u> </u>		
, , , , , , , , , , , , , , , , , , , ,			
SUMMARY OF FINDINGS			
Hydrophytic vegetation present?	Y Is the sampled	d area within a wetland?	
Hydric soil present?	Y		
Indicators of wetland hydrology present?		I wetland site ID:	
Indicators of wetland flydrology present:	T II yes, optional	wetland site iD.	
Remarks: (Explain alternative procedures her	re or in a senarate report)		
Memarks. (Explain alternative procedures he	re of in a separate report.		
HYDROLOGY			
TIT DICCEGO!		Secondary Indicators (minimum of two	$\overline{}$
Drimany Indicators (minimum of ano is require	ends shook all that apply)		0
Primary Indicators (minimum of one is require		required)	
Surface Water (A1)	Water-Stained Leaves (B9)	Surface Soil Cracks (B6)	
High Water Table (A2)	Aquatic Fauna (B13)	Drainage Patterns (B10)	
Saturation (A3)	Marl Deposits (B15)	Moss Trim Lines (B16)	
Water Marks (B1)	Hydrogen Sulfide Odor (C1)		
Sediment Deposits (B2)	Oxidized Rhizospheres on L		
Drift Deposits (B3)	Roots (C3)	Saturation Visible on Aerial Imagery	y
Algal Mat or Crust (B4)	Presence of Reduced Iron (
Iron Deposits (B5)	Recent Iron Reduction in Til	· , ,	
Inundation Visible on Aerial	Soils (C6)	X Geomorphic Position (D2)	
Imagery (B7)	Thin Muck Surface (C7)	Shallow Aquitard (D3)	
Sparsely Vegetated Concave	Other (Explain in Remarks)	X FAC-Neutral Test (D5)	
Surface (B8)		Microtopographic Relief (D4)	
Field Observations:			
Surface water present? Yes	No X Depth (inches)		
Water table present? Yes	No X Depth (inches)		
Saturation present? Yes	No X Depth (inches)		
(includes capillary fringe)		present? Y	
Describe recorded data (stream gauge, moni	toring well, aerial photos, prev	vious inspections), if available:	_
Remarks:	<u> </u>		

SOIL T2P3 **Sampling Point:** Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Matrix Redox Features Texture Remarks (Inches) % Type* Loc** Color (moist) Color (moist) С 0-10 2.5YR 5/4 100 Fill С 10-21 90 10 SICL 5YR 4/1 7.5YR 5/6 Μ 21-24 5Y 4/1 70 7.5YR 4/6 20 С Μ С 2.5Y 5/1 10 D Μ *Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains *Location: PL=Pore Lining, M=Matrix Hydric Soil Indicators: **Indicators for Problematic Hydric Soils:** 2 cm Muck (A10) (LRR K, L, MLRA 149B Histisol (A1) Polyvalue Below Surface Coast Prairie Redox (A16) (LRR K, L, R) Histic Epipedon (A2) (S8) (LRR R, MLRA 149B) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Black Histic (A3) Thin Dark Surface (S9) Hydrogen Sulfide (A4) (LRR R, MLRA 149B Dark Surface (S7) (LRR K, L Stratified Layers (A5) Loamy Mucky Mineral (F1) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Depleted Below Dark Suface (A11) (LRR K, L) Loamy Gleyed Matrix (F2) Iron-Manganese Masses (F12) (LRR K, L, R) Thick Dark Surface (A12) Piedmont Floodplain Soils (F19) (MLRA 149B) X Depleted Matrix (F3) Sandy Mucky Mineral (S1) Redox Dark Surface (F6) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Depleted Dark Surface (F7) Red Parent Material (F21) Stripped Matrix (S6) Redox Depressions (F8) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA Other (Explain in Remarks) 149B) *Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: Hydric soil present? Y Depth (inches): Remarks: 10" of fill was observed before the original topsoil begins.

Project/Site: Walsh Property	City/County:	Neenah/Winnebago	Sampling Date: <u>10/4/201</u>	17
Applicant/Owner: Kim Walsh		State: WI	Sampling Point:	T3P1
Investigator(s): Stacey Henk, Garek Holley		Section, Township	o, Range: Sec 7, T19N, R1	I7E
Landform (hillslope, terrace, etc.): Backslop	e to stream Lo	cal relief (concave,		
Slope (%): 3 Lat.:	Long.:	Datum:		
Soil Map Unit NameNhA		NWI C	Classification:	
Are climatic/hydrologic conditions of the site t	typical for this time of the year		explain in remarks)	
Are vegetation , soil , or h		ly disturbed?	Are "normal	
		roblematic?	circumstances" present?	? Yes
(If needed, explain any answers in remarks)	,		,	
, , , , , , , , , , , , , , , , , , , ,				
SUMMARY OF FINDINGS				
Hydrophytic vegetation present?	Y Is the sampled	d area within a wetla	and? N	
Hydric soil present?	N Is the samples			
Indicators of wetland hydrology present?		I wetland site ID:		
indicators of wetland flydrology present:	II yes, optional	Welland Site ID.		—
Remarks: (Explain alternative procedures her	ro or in a separate report)			
Remarks. (Explain alternative procedures her	e or in a separate report.			
HYDROLOGY				
IIIDROLOGI		Cocon	-l/ladicatoro (minimum	-4 5
B. C. La Parkers for this come of an a in an action	to the thirth at analysis		ndary Indicators (minimum	ot two
Primary Indicators (minimum of one is require		require	•	
Surface Water (A1)	Water-Stained Leaves (B9)		urface Soil Cracks (B6)	
High Water Table (A2)	Aquatic Fauna (B13)		rainage Patterns (B10)	
Saturation (A3)	Marl Deposits (B15)		oss Trim Lines (B16)	
Water Marks (B1)	Hydrogen Sulfide Odor (C1)		ry-Season Water Table (C2)	1
Sediment Deposits (B2)	Oxidized Rhizospheres on L		rayfish Burrows (C8)	
Drift Deposits (B3)	Roots (C3)		aturation Visible on Aerial Im	nagery
Algal Mat or Crust (B4)	Presence of Reduced Iron (
Iron Deposits (B5)	Recent Iron Reduction in Til		unted or Stressed Plants (D	1)
Inundation Visible on Aerial	Soils (C6)		eomorphic Position (D2)	
Imagery (B7)	Thin Muck Surface (C7)		nallow Aquitard (D3)	
Sparsely Vegetated Concave	Other (Explain in Remarks)	X FA	AC-Neutral Test (D5)	
Surface (B8)	_	Mi	icrotopographic Relief (D4)	
Field Observations:				
Surface water present? Yes	No X Depth (inches)):	Indicators of	
Water table present? Yes	No X Depth (inches)		wetland	
Saturation present? Yes	No X Depth (inches)		hydrology	
(includes capillary fringe)			present? N	
, , , , , , , , , , , , , , , , , , , ,			•	
Describe recorded data (stream gauge, moni	toring well, aerial photos, prev	vious inspections), if	i available:	
		•		
Remarks:				
North and 1' higher than T2P1				
Horar and Fingher alan 12.				

SOIL T3P1 **Sampling Point:** Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Matrix Redox Features Texture Remarks (Inches) Color (moist) % Loc** Color (moist) Type* CL 0-10 7.5YR 4/2 95 5YR 5/4 5 10-24 2.5YR 5/4 80 5YR 5/6 15 С Μ С 2.5YR 4/1 5 D Μ *Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains *Location: PL=Pore Lining, M=Matrix Hydric Soil Indicators: **Indicators for Problematic Hydric Soils:** 2 cm Muck (A10) (LRR K, L, MLRA 149B Histisol (A1) Polyvalue Below Surface Coast Prairie Redox (A16) (LRR K, L, R) Histic Epipedon (A2) (S8) (LRR R, MLRA 149B) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Black Histic (A3) Thin Dark Surface (S9) Hydrogen Sulfide (A4) (LRR R, MLRA 149B Dark Surface (S7) (LRR K, L Stratified Layers (A5) Loamy Mucky Mineral (F1) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Depleted Below Dark Suface (A11) (LRR K, L) Loamy Gleyed Matrix (F2) Iron-Manganese Masses (F12) (LRR K, L, R) Thick Dark Surface (A12) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Mucky Mineral (S1) Depleted Matrix (F3) Redox Dark Surface (F6) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Depleted Dark Surface (F7) Red Parent Material (F21) Stripped Matrix (S6) Redox Depressions (F8) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA Other (Explain in Remarks) 149B) *Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: Hydric soil present? N Depth (inches): Remarks:

Project/Site: Walsh Property	City/County:	Neenah/Winnebago	Sampling Date: 10/4/2017			
Applicant/Owner: Kim Walsh		State: WI	Sampling Point: T4P1			
Investigator(s): Stacey Henk, Garek Holley		Section, Townsh	ip, Range: Sec 7, T19N, R17E			
Landform (hillslope, terrace, etc.): Footslope	Lo	ocal relief (concave	e, convex, none): concave			
Slope (%): 2 Lat.: Lor	ng.:	Datum:				
Soil Map Unit NameNhA		NWI	Classification:			
Are climatic/hydrologic conditions of the site typical for	this time of the year	r? Yes (If no	o, explain in remarks)			
Are vegetation, soil, or hydrology	significant	ly disturbed?	Are "normal			
Are vegetation , soil , or hydrology	naturally p	roblematic?	circumstances" present? Yes			
(If needed, explain any answers in remarks)						
SUMMARY OF FINDINGS						
Hydrophytic vegetation present? Y	ls the sample	d area within a wet	land? Y			
Hydric soil present?	is the sample.	u area witiiiii a wet				
	16	I 41 1 - 14 - 1D .				
Indicators of wetland hydrology present? Y	if yes, optional	I wetland site ID: _				
Remarks: (Explain alternative procedures here or in a s	separate report.)					
Adjacent to etraem on west side						
Adjacent to stream on west side						
HYDROLOGY						
		Seco	ondary Indicators (minimum of two			
Primary Indicators (minimum of one is required; check	all that apply)	requ	- · · · · · · · · · · · · · · · · · · ·			
· · · · · · · · · · · · · · · · · · ·	Stained Leaves (B9)	•	Surface Soil Cracks (B6)			
	Fauna (B13)		Orainage Patterns (B10)			
	eposits (B15)	Moss Trim Lines (B16)				
	en Sulfide Odor (C1)	· , ,				
	Rhizospheres on Living Crayfish Burrows (C8)					
Drift Deposits (B3) Roots (
	e of Reduced Iron (C4) (C9)					
<u> </u>	Iron Reduction in Til	• • • • • • • • • • • • • • • • • • •				
Inundation Visible on Aerial Soils (C			Geomorphic Position (D2)			
	uck Surface (C7)		Shallow Aquitard (D3)			
	Explain in Remarks)		FAC-Neutral Test (D5)			
Surface (B8)	<u> е</u> дранг нт г сотатко)		Microtopographic Relief (D4)			
Cultude (BO)		<u>—</u> '	viiorotopograpriio rener (B4)			
Field Observations:						
	X Depth (inches)):	Indicators of			
	X Depth (inches)		wetland			
	X Depth (inches)		hydrology			
(includes capillary fringe)	Bopan (mones)	/· 	present? Y			
(molades capillary minge)			present: 1			
Describe recorded data (stream gauge, monitoring well	l. aerial photos, pre	vious inspections).	if available:			
(3 3 ,	, , , , , ,	, ,,				
Remarks:						

SOIL T4P1 **Sampling Point:** Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Matrix Redox Features Texture Remarks (Inches) % Loc** Color (moist) Color (moist) Type* 0-10 7.5YR 4/1 100 SICL 10-15 5YR 4/1 10YR 6/6 5 С SICL 95 Μ 15-20 5YR 4/1 45 CL С 5YR 7/2 45 5YR 5/6 10 Μ 20-24 2.5YR 5/4 80 15 С Μ С 5YR 5/6 5YR 5/1 5 D Μ *Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains *Location: PL=Pore Lining, M=Matrix Hydric Soil Indicators: **Indicators for Problematic Hydric Soils:** 2 cm Muck (A10) (LRR K, L, MLRA 149B Histisol (A1) Polyvalue Below Surface Coast Prairie Redox (A16) (LRR K, L, R) Histic Epipedon (A2) (S8) (LRR R, MLRA 149B) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Black Histic (A3) Thin Dark Surface (S9) Hydrogen Sulfide (A4) (LRR R, MLRA 149B Dark Surface (S7) (LRR K, L Stratified Layers (A5) Loamy Mucky Mineral (F1) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Depleted Below Dark Suface (A11) (LRR K, L) Loamy Gleyed Matrix (F2) Iron-Manganese Masses (F12) (LRR K, L, R) Thick Dark Surface (A12) Piedmont Floodplain Soils (F19) (MLRA 149B) X Depleted Matrix (F3) Sandy Mucky Mineral (S1) Redox Dark Surface (F6) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Depleted Dark Surface (F7) Red Parent Material (F21) Stripped Matrix (S6) Redox Depressions (F8) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA Other (Explain in Remarks) 149B) *Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: Hydric soil present? Y Depth (inches): Remarks:

Project/Site: Walsh Property	City/County:	Neenah/Winnebago	Sampling Date: 10/4/2	.017
Applicant/Owner: Kim Walsh		State: WI	Sampling Point:	T4P2
Investigator(s): Stacey Henk, Garek Holle	У	Section, Township	p, Range: Sec 7, T19N,	R17E
Landform (hillslope, terrace, etc.): Backs		cal relief (concave,		
Slope (%): 4 Lat.:	Long.:	Datum:	· · · · · · · · · · · · · · · · · · ·	
Soil Map Unit NameNhA		NWI	Classification:	
Are climatic/hydrologic conditions of the si	te typical for this time of the yea		explain in remarks)	
		ly disturbed?	Are "normal	
		problematic?	circumstances" preser	nt? Yes
(If needed, explain any answers in remarks			-	
(-)			
SUMMARY OF FINDINGS				
Hydrophytic vegetation present?	Y Is the sample	d area within a wetla	and? N	
	N is the sampled	u area williili a wella		_
Hydric soil present?				
Indicators of wetland hydrology present?	N If yes, optiona	l wetland site ID:		
Remarks: (Explain alternative procedures	here or in a separate report.)			
11/2201 20/				
HYDROLOGY				
		Secor	ndary Indicators (minimu	m of two
Primary Indicators (minimum of one is requ	uired; check all that apply)	requir	red)	
Surface Water (A1)	Water-Stained Leaves (B9)	Si	urface Soil Cracks (B6)	
High Water Table (A2)	Aquatic Fauna (B13)	D	rainage Patterns (B10)	
Saturation (A3)	Marl Deposits (B15)	M	loss Trim Lines (B16)	
Water Marks (B1)	Hydrogen Sulfide Odor (C1))D	ry-Season Water Table (C	(2)
Sediment Deposits (B2)	Oxidized Rhizospheres on L	_iving C	rayfish Burrows (C8)	
Drift Deposits (B3)	Roots (C3)		aturation Visible on Aerial	Imagery
Algal Mat or Crust (B4)	Presence of Reduced Iron (C9)	3 ,
Iron Deposits (B5)	Recent Iron Reduction in Ti		tunted or Stressed Plants	(D1)
Inundation Visible on Aerial	Soils (C6)		eomorphic Position (D2)	(= .)
Imagery (B7)	Thin Muck Surface (C7)		hallow Aquitard (D3)	
Sparsely Vegetated Concave	Other (Explain in Remarks)		AC-Neutral Test (D5)	
Surface (B8)	Other (Explain in Remarks)		licrotopographic Relief (D4	1)
Gunace (Bb)			ilorotopograprilo rtelier (D-	')
Field Observations:		1		
Surface water present? Yes	No X Depth (inches	١٠	Indicators of	
Water table present? Yes	No X Depth (inches		wetland	
Saturation present? Yes	No X Depth (inches		hydrology	
	No Deptil (illiches)·		
(includes capillary fringe)			present? N	_
Describe recorded data (stream gauge, mo	onitoring wall parial photos	vious inspections\	f available:	
Describe recorded data (stream gauge, mo	onitoring well, aerial priotos, pre-	vious inspections), i	i avaliable:	
D				
Remarks:				

SOIL							Sa	ampling Point: 14P2
Profile Desc	cription: (Descri	be to the	e depth needed	to docur	ment the	indicato	or or confirm the absenc	e of indicators.)
Depth (Inches)	Matrix Color (moist)	%		lox Feat %		Loc**	Texture	Remarks
0-3	7.5YR 3/2	100	` ,				SICL	Refusal at 3"
*Type: C=C	oncentration, D=	Depleti	on, RM=Reduce	d Matrix	x, CS=C	overed c	or Coated Sand Grains	
**Location:	PL=Pore Lining,							
Hydric Soil	Indicators:						Indicators for Pro	blematic Hydric Soils:
Histisol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Below Dark Suface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) *Indicators of hydrophytic vegetation and weltand hydrology must be pre			(S9) BB ral (F1) rix (F2) B) e (F6) ace (F7) f (F8)	5 cm Mucky Peat or Peat (S3) (LRR K, L, R Dark Surface (S7) (LRR K, L Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRR K, L, F Piedmont Floodplain Soils (F19) (MLRA 149 Mesic Spodic (TA6) (MLRA 144A, 145, 149I Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)				
Restrictive I Type: Depth (inch	Layer (if observe	ed):			- -		Hydric soil prese	nt? <u>N</u>
Remarks:						ļ		

Project/Site: Walsh Property	Ci	ty/County:	Neenah/V	Vinnebago	Sampling Date	: <u>10/4/20</u>)17	
Applicant/Owner: Kim Walsh			State:	WI	Sampling F	oint:	T4P3	
Investigator(s): Stacey Henk, Garek Holley			Section	, Township	, Range: Sec 7,	T19N, F	17E	_
Landform (hillslope, terrace, etc.): Backslo	ре	Loc			convex, none):	none		_
Slope (%): 3 Lat.:	Long.:		Dat	um:				_
Soil Map Unit NameNhA				NWI C	lassification:			_
Are climatic/hydrologic conditions of the site	typical for this tim	e of the year?	? Yes	(If no, o	explain in remarl	ks)		_
Are vegetation , soil , or		significantly		ed?	Are "normal	•		
	hydrology	naturally pro	oblemati	c?	circumstances'	' presen	t? Yes	
(If needed, explain any answers in remarks)						•		_
SUMMARY OF FINDINGS								
Hydrophytic vegetation present?		the sampled	area wit	hin a wetla	nd?	N	-	
Hydric soil present?	N							
Indicators of wetland hydrology present?	N If	yes, optional [,]	wetland	site ID:				
Remarks: (Explain alternative procedures he	ere or in a separate	e report.)						
								_
HYDROLOGY								
III DROLOGI				Sacan	dary Indicators (minimun	of two	_
Primary Indicators (minimum of one is requi	rad: aback all that	apply)		require		IIIIIIIIIIIIII	TOT LWO	
Surface Water (A1)	Water-Stained	• .			rface Soil Cracks	(B6)		
High Water Table (A2)	Aquatic Fauna				ainage Patterns (I			
Saturation (A3)	Marl Deposits (ss Trim Lines (B	,		
Water Marks (B1)	Hydrogen Sulfi				/-Season Water 1	,) \	
Sediment Deposits (B2)	Oxidized Rhizo		vina		ayfish Burrows (C	-	-)	
Drift Deposits (B3)	Roots (C3)	sprieres on Li	virig		turation Visible or	-	maganı	
Algal Mat or Crust (B4)	Presence of Re	educed Iron (C	٠٨)	—(C		i Aciiai ii	nagery	
Iron Deposits (B5)	Recent Iron Re	-	-		י) Inted or Stressed	Dlante (D1)	
Inundation Visible on Aerial		eduction in Tille	s u		omorphic Position		(اد	
•	Soils (C6) Thin Muck Surf	face (C7)			allow Aquitard (D			
Imagery (B7)	Other (Explain				C-Neutral Test (E			
Sparsely Vegetated Concave Surface (B8)	Other (Explain	iii ixeiiiaiks)			crotopographic Re	,		
Surface (Bo)					crotopograpine ixe	silei (D4)		
Field Observations:								_
Surface water present? Yes	No X De	epth (inches):			Indicators of			
Water table present? Yes		epth (inches):		_	wetland			
Saturation present? Yes		epth (inches):			hydrology			
(includes capillary fringe)		- ().		—	present?	Ν		
(go)					p		=	
Describe recorded data (stream gauge, mor	nitoring well, aerial	photos, previ	ous insp	ections), if	available:			_
(5 5 :	G .			,.				
Remarks:								

SOIL **T4P3 Sampling Point:** Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Matrix Redox Features Texture Remarks (Inches) Color (moist) % Type* Loc** Color (moist) 7.5YR 3/1 0-14 100 CL 14-24 7.5YR 5/4 С 75 7.5YR 5/6 15 Μ С 7.5YR 5/2 10 D Μ *Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains *Location: PL=Pore Lining, M=Matrix Hydric Soil Indicators: **Indicators for Problematic Hydric Soils:** 2 cm Muck (A10) (LRR K, L, MLRA 149B Histisol (A1) Polyvalue Below Surface Coast Prairie Redox (A16) (LRR K, L, R) Histic Epipedon (A2) (S8) (LRR R, MLRA 149B) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Black Histic (A3) Thin Dark Surface (S9) Hydrogen Sulfide (A4) (LRR R, MLRA 149B Dark Surface (S7) (LRR K, L Stratified Layers (A5) Loamy Mucky Mineral (F1) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Depleted Below Dark Suface (A11) (LRR K, L) Loamy Gleyed Matrix (F2) Iron-Manganese Masses (F12) (LRR K, L, R) Thick Dark Surface (A12) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Mucky Mineral (S1) Depleted Matrix (F3) Redox Dark Surface (F6) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Depleted Dark Surface (F7) Red Parent Material (F21) Stripped Matrix (S6) Redox Depressions (F8) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA Other (Explain in Remarks) 149B) *Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: Hydric soil present? N Depth (inches): Remarks:

Project/Site: Walsh Property	City/County:	Neenah/Winnebago	Sampling Date: 10/4/20	17
Applicant/Owner: Kim Walsh		State: WI	Sampling Point:	T5P1
Investigator(s): Stacey Henk, Garek Holley		Section, Township,	Range: Sec 7, T19N, R	17E
Landform (hillslope, terrace, etc.): Terrace	Lc	ocal relief (concave, c	convex, none): none	
· · · · — — — — — — — — — — — — — — — —	ng.:	Datum:		
Soil Map Unit NameNhA			lassification:	
Are climatic/hydrologic conditions of the site typical for			explain in remarks)	
Are vegetation, soil, or hydrology		ly disturbed?	Are "normal) Vaa
Are vegetation , soil , or hydrology (If needed, explain any answers in remarks)	naturally p	oroblematic?	circumstances" present	? Yes
(ii fleeded, explain any answers in remarks)				
CHMMARY OF FINDINGS				
SUMMARY OF FINDINGS				
Hydrophytic vegetation present? Y	le the sample	d area within a wetla	nd? N	
Hydric soil present? N	is the sampled	u area witiiii a wetiai	<u> </u>	
Indicators of wetland hydrology present?	If wes options	l wetland site ID:		
indicators of wetland hydrology present:	ii yes, optiona	welland site ib.		
Remarks: (Explain alternative procedures here or in a	separate report.)			
	1 1 /			
LIVEROLOGY				
HYDROLOGY				
	. 11. (1		dary Indicators (minimum	of two
Primary Indicators (minimum of one is required; check		require	,	
<u> </u>	Stained Leaves (B9) Fauna (B13)		rface Soil Cracks (B6) ainage Patterns (B10)	
<u> </u>	eposits (B15)		ss Trim Lines (B16)	
<u> </u>	en Sulfide Odor (C1)		/-Season Water Table (C2))
<u> </u>	ed Rhizospheres on L		ayfish Burrows (C8)	,
Drift Deposits (B3)	•		turation Visible on Aerial In	nagery
<u> </u>	ce of Reduced Iron (0 ,
Iron Deposits (B5) Recent	Iron Reduction in Ti	lled Stu	inted or Stressed Plants (D	01)
Inundation Visible on Aerial Soils (0	C6)		omorphic Position (D2)	
	uck Surface (C7)		allow Aquitard (D3)	
<u>—</u>	Explain in Remarks)		C-Neutral Test (D5)	
Surface (B8)		Mic	crotopographic Relief (D4)	
Field Observations:		Т		
Surface water present? Yes No	X Depth (inches	١.	Indicators of	
	X Depth (inches		wetland	
	X Depth (inches		hydrology	
(includes capillary fringe)		/ 	present? N	
, , ,			· —	
Describe recorded data (stream gauge, monitoring wel	l, aerial photos, pre	vious inspections), if	available:	
Remarks:		1.4		
In mapped wetland east of stream. Area is o	learly elevated c	ompared to the we	estern side of the stre	am

SOIL T5P1 **Sampling Point:** Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Matrix Redox Features Texture Remarks (Inches) Color (moist) % Loc** Color (moist) Type* С 0-8 7.5YR 4/2 70 2.5YR 5/4 30 8-18 5YR 5/4 50 SC 5YR 5/6 50 18-24 2.5YR 5/4 65 С С 5YR 5/6 20 Μ 5YR 5/1 15 D Μ *Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains *Location: PL=Pore Lining, M=Matrix Hydric Soil Indicators: **Indicators for Problematic Hydric Soils:** 2 cm Muck (A10) (LRR K, L, MLRA 149B Histisol (A1) Polyvalue Below Surface Coast Prairie Redox (A16) (LRR K, L, R) Histic Epipedon (A2) (S8) (LRR R, MLRA 149B) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Black Histic (A3) Thin Dark Surface (S9) Hydrogen Sulfide (A4) (LRR R, MLRA 149B Dark Surface (S7) (LRR K, L Stratified Layers (A5) Loamy Mucky Mineral (F1) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Depleted Below Dark Suface (A11) (LRR K, L) Loamy Gleyed Matrix (F2) Iron-Manganese Masses (F12) (LRR K, L, R) Thick Dark Surface (A12) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Mucky Mineral (S1) Depleted Matrix (F3) Redox Dark Surface (F6) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Depleted Dark Surface (F7) Red Parent Material (F21) Stripped Matrix (S6) Redox Depressions (F8) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA Other (Explain in Remarks) 149B) *Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: Hydric soil present? N Depth (inches): Remarks:

Project/Site: Walsh Property	City/Co	ounty: <u>Neenah/V</u>	Vinnebago	Sampling Date:	10/4/2017	7
Applicant/Owner: Kim Walsh		State:	WI	Sampling P	oint:	T6P1
Investigator(s): Stacey Henk, Garek Holley		Section	, Township,	Range: Sec 7,	Γ19N, R17	7E
Landform (hillslope, terrace, etc.): Backslo	ре				none	
Slope (%): 2 Lat.:	Long.:	Datu	um:			
Soil Map Unit NameNhA			NWI CI	assification:		
Are climatic/hydrologic conditions of the site	typical for this time of	the year? Yes	(If no, e	explain in remark	s)	
Are vegetation X , soil , or		nificantly disturbe	ed?	Are "normal	•	
		turally problemati	c?	circumstances"	present?	No
(If needed, explain any answers in remarks)		• •				
,						
SUMMARY OF FINDINGS						
Lively-physical varietation process 2	N la tha		hin aatlau	- 40	NI	
Hydrophytic vegetation present?		sampled area witl	nın a wetiar	1a?	N	
Hydric soil present?	N					
Indicators of wetland hydrology present?	N If yes,	optional wetland	site ID:			_
Remarks: (Explain alternative procedures he	ere or in a separate rep	ort.)				
(— ф р		,				
0						
Grazed horse pasture						
HYDROLOGY						
				dary Indicators (n	ninimum c	of two
Primary Indicators (minimum of one is requi		• •	require	•		
Surface Water (A1)	Water-Stained Leav			face Soil Cracks		
High Water Table (A2)	Aquatic Fauna (B13	•		inage Patterns (B	,	
Saturation (A3)	Marl Deposits (B15)			ss Trim Lines (B1	,	
Water Marks (B1)	Hydrogen Sulfide O			-Season Water T		
Sediment Deposits (B2)	Oxidized Rhizosphe	res on Living		yfish Burrows (C8	•	
Drift Deposits (B3)	Roots (C3)	(2.1)		uration Visible on	Aerial Ima	agery
Algal Mat or Crust (B4)	Presence of Reduce		—(C9		D	
Iron Deposits (B5)	Recent Iron Reducti	ion in Tilled		nted or Stressed)
Inundation Visible on Aerial	Soils (C6)	(07)		omorphic Position		
Imagery (B7)	Thin Muck Surface			allow Aquitard (D3	•	
Sparsely Vegetated Concave	Other (Explain in Re	∍marks)		C-Neutral Test (D	•	
Surface (B8)			IVIIC	rotopographic Re	ilei (D4)	
Field Observations:						
Surface water present? Yes	No X Depth	(inches):		Indicators of		
Water table present? Yes		(inches):		wetland		
Saturation present? Yes		(inches):		hydrology		
(includes capillary fringe)	 '	` '		present?	N	
				•		
Describe recorded data (stream gauge, mor	itoring well, aerial phot	os, previous insp	ections), if	available:		
Remarks:						
East side of stream in horse pasture	9					

SOIL T6P1 **Sampling Point:** Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Matrix Redox Features Texture Remarks (Inches) Color (moist) % Type* Loc** Color (moist) % 0-17 7.5YR 3/1 100 CL 17-24 5YR 5/4 5YR 5/6 5 С С 20 Μ 5YR 4/1 75 *Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains *Location: PL=Pore Lining, M=Matrix Hydric Soil Indicators: **Indicators for Problematic Hydric Soils:** 2 cm Muck (A10) (LRR K, L, MLRA 149B Histisol (A1) Polyvalue Below Surface Coast Prairie Redox (A16) (LRR K, L, R) Histic Epipedon (A2) (S8) (LRR R, MLRA 149B) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Black Histic (A3) Thin Dark Surface (S9) Hydrogen Sulfide (A4) (LRR R, MLRA 149B Dark Surface (S7) (LRR K, L Stratified Layers (A5) Loamy Mucky Mineral (F1) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Depleted Below Dark Suface (A11) (LRR K, L) Loamy Gleyed Matrix (F2) Iron-Manganese Masses (F12) (LRR K, L, R) Thick Dark Surface (A12) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Mucky Mineral (S1) Depleted Matrix (F3) Redox Dark Surface (F6) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Depleted Dark Surface (F7) Red Parent Material (F21) Stripped Matrix (S6) Redox Depressions (F8) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA Other (Explain in Remarks) 149B) *Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: Hydric soil present? N Depth (inches): Remarks:

Project/Site: Walsh Property	City/County	/: Neenah/Winnebago	Sampling Date: <u>10/4/2</u>	<u>'017</u>
Applicant/Owner: Kim Walsh		State: WI	Sampling Point:	T7P1
Investigator(s): Stacey Henk, Garek Holle	Y	Section, Townshi	ip, Range: Sec 7, T19N,	R17E
Landform (hillslope, terrace, etc.): Footsl		Local relief (concave		
Slope (%): 1 Lat.:	Long.:	Datum:	·	
Soil Map Unit NameNhA		NWI	Classification:	
Are climatic/hydrologic conditions of the si	te typical for this time of the v		, explain in remarks)	
		antly disturbed?	Are "normal	
		y problematic?	circumstances" prese	nt? Yes
(If needed, explain any answers in remark		, ,		
(ii nocucu, explain any anomore ii romana	<i>-</i> ,			
SUMMARY OF FINDINGS				
Hydrophytic vegetation present?	Y Is the same	oled area within a wet	land? Y	
		neu area witiiiii a wet		_
Hydric soil present?	<u> </u>			
Indicators of wetland hydrology present?	Y If yes, option	nal wetland site ID: _		
Remarks: (Explain alternative procedures	here or in a separate report.)			
HYDROLOGY				
		Seco	ndary Indicators (minimu	m of two
Primary Indicators (minimum of one is req	uired; check all that apply)	requi	red)	
Surface Water (A1)	Water-Stained Leaves (E	39) S	Surface Soil Cracks (B6)	
High Water Table (A2)	Aquatic Fauna (B13)		Orainage Patterns (B10)	
Saturation (A3)	Marl Deposits (B15)		Moss Trim Lines (B16)	
Water Marks (B1)	Hydrogen Sulfide Odor (C1) — [Ory-Season Water Table (C	22)
Sediment Deposits (B2)	Oxidized Rhizospheres of	on Living C	Crayfish Burrows (C8)	•
Drift Deposits (B3)	Roots (C3)		Saturation Visible on Aerial	Imagery
Algal Mat or Crust (B4)	Presence of Reduced Iro		C9)	3 ,
Iron Deposits (B5)	Recent Iron Reduction in		Stunted or Stressed Plants	(D1)
Inundation Visible on Aerial	Soils (C6)		Geomorphic Position (D2)	(= :)
Imagery (B7)	Thin Muck Surface (C7)		Shallow Aquitard (D3)	
Sparsely Vegetated Concave	Other (Explain in Remark		AC-Neutral Test (D5)	
Surface (B8)	Other (Explain in Neman		/licrotopographic Relief (D4	1)
Gunace (Bb)			morotopograpino rtener (D-	')
Field Observations:		T		
Surface water present? Yes	No X Depth (inch	AC).	Indicators of	
Water table present? Yes	No X Depth (inch		wetland	
Saturation present? Yes	No X Depth (inch		hydrology	
·	NoXDeptil (ilicil	<u> </u>		
(includes capillary fringe)			present? Y	_
Describe reserved data (streets revise re	amitaring wall aprial photon r	vraviava inanastiana)	if available.	
Describe recorded data (stream gauge, me	onitoring well, aerial photos, p	revious inspections),	ii avaliable:	
Remarks:				

SOIL T7P1 **Sampling Point:** Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Matrix Redox Features Texture Remarks (Inches) Color (moist) % Loc** Color (moist) Type* 5YR 4/1 С 0-9 100 9-15 7.5YR 4/2 90 10 С С 7.5YR 5/6 Μ 15-20 7.5YR 4/2 70 7.5YR 5/6 10 С Μ С 2.5YR 5/4 20 *Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains *Location: PL=Pore Lining, M=Matrix Hydric Soil Indicators: **Indicators for Problematic Hydric Soils:** 2 cm Muck (A10) (LRR K, L, MLRA 149B Histisol (A1) Polyvalue Below Surface Coast Prairie Redox (A16) (LRR K, L, R) Histic Epipedon (A2) (S8) (LRR R, MLRA 149B) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Black Histic (A3) Thin Dark Surface (S9) Hydrogen Sulfide (A4) (LRR R, MLRA 149B Dark Surface (S7) (LRR K, L Stratified Layers (A5) Loamy Mucky Mineral (F1) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Depleted Below Dark Suface (A11) (LRR K, L) Loamy Gleyed Matrix (F2) Iron-Manganese Masses (F12) (LRR K, L, R) Thick Dark Surface (A12) Piedmont Floodplain Soils (F19) (MLRA 149B) X Depleted Matrix (F3) Sandy Mucky Mineral (S1) Redox Dark Surface (F6) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Depleted Dark Surface (F7) Red Parent Material (F21) Stripped Matrix (S6) Redox Depressions (F8) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA Other (Explain in Remarks) 149B) *Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: Hydric soil present? Y Depth (inches): Remarks:

Project/Site: Walsh Property	City/County:	Neenah/Winnebago	Sampling Date: <u>10/4/2017</u>	
Applicant/Owner: Kim Walsh		State: WI	Sampling Point: T7P2	
Investigator(s): Stacey Henk, Garek Holley		Section, Township	o, Range: Sec 7, T19N, R17E	
Landform (hillslope, terrace, etc.): Terrace	Lo	cal relief (concave, c		
Slope (%): 2 Lat.:	Long.:	Datum:	-	
Soil Map Unit NameNhA		NWI C	Classification:	
Are climatic/hydrologic conditions of the site t	typical for this time of the year		explain in remarks)	
Are vegetation , soil , or h		ly disturbed?	Are "normal	
		roblematic?	circumstances" present? Y	es/
(If needed, explain any answers in remarks)	, s, <u>—</u>		•	
SUMMARY OF FINDINGS				
				\Box
Hydrophytic vegetation present?	Y Is the sampled	d area within a wetla	and? N	
Hydric soil present?	N			
Indicators of wetland hydrology present?		I wetland site ID:		
Indicators of wettaria rigarology process.	in you, optional	Welland Site ID.		
Remarks: (Explain alternative procedures her	re or in a separate report.)			-
(, a separation ,			
HYDROLOGY				
		Secon	dary Indicators (minimum of two	
Primary Indicators (minimum of one is require	ed check all that apply)	require		
Surface Water (A1)	Water-Stained Leaves (B9)	•	urface Soil Cracks (B6)	
High Water Table (A2)	Aquatic Fauna (B13)		rainage Patterns (B10)	
Saturation (A3)	Marl Deposits (B15)		oss Trim Lines (B16)	
Water Marks (B1)	Hydrogen Sulfide Odor (C1)		y-Season Water Table (C2)	
Sediment Deposits (B2)	Oxidized Rhizospheres on L		rayfish Burrows (C8)	
Drift Deposits (B3)	Roots (C3)		aturation Visible on Aerial Imagery	
Algal Mat or Crust (B4)	Presence of Reduced Iron (
Iron Deposits (B5)	Recent Iron Reduction in Till		unted or Stressed Plants (D1)	
Inundation Visible on Aerial	Soils (C6) Thin Muck Surface (C7)		eomorphic Position (D2)	
Imagery (B7)	Thin Muck Surface (C7)		nallow Aquitard (D3)	
Sparsely Vegetated Concave	Other (Explain in Remarks)		AC-Neutral Test (D5)	
Surface (B8)		IVIIO	crotopographic Relief (D4)	
Field Observations				\dashv
Field Observations:	No. V Donth (inches)	١.	Indicators of	
Surface water present? Yes	No X Depth (inches)		Indicators of	
Water table present? Yes	No X Depth (inches)		wetland	
Saturation present? Yes	No X Depth (inches)):	hydrology	
(includes capillary fringe)			present? N	
Describe received data (atroom gauge mani	itaria wall sarial photos prov	-i inanactions) if	::!akla.	\dashv
Describe recorded data (stream gauge, moni	toring well, aerial photos, prev	/lous inspections), ii	available:	
-				
Remarks:				
end of draw north of T7P1				

SOIL							Si	ampling Point: 17P2
Profile Desc	cription: (Descri	be to the	e depth needed	to docu	ment the	indicato	or or confirm the absence	ee of indicators.)
Depth (Inches)	Matrix Color (moist)	%		lox Fea		Loc**	Texture	Remarks
0-27	7.5YR 4/1	70					С	
	5YR 5/4	20	5YR 5/6	10	С	М		
					 			
					†			
					 			
					 			
					<u> </u>			
				ed Matri	x, CS=C	overed c	r Coated Sand Grains	
**Location:	PL=Pore Lining,	M=Mat	rix					
Hydric Soil	Indicators:						Indicators for Pro	blematic Hydric Soils:
Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Below Dark Suface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) *Indicators of hydrophytic vegetation and weltand hydrology must b					(S9) BB ral (F1) rix (F2) B) e (F6) ace (F7) f (F8)	5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Dark Surface (S7) (LRR K, L Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRR K, L, R) Piedmont Floodplain Soils (F19) (MLRA 149B) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)		
Restrictive Type:	Layer (if observe	ed):					Hydric soil prese	nt? N
Depth (inch	es):				_			<u></u>
Remarks:								

APPENDIX B

WETLAND PHOTOGRAPHS



Photo 1: Viewing north at upland near T4P3



Photo 3: Viewing north at stream adjacent to Wetland 1



Photo 2: Viewing west at upland near T4P3



Photo 4: Viewing west at Wetland 1 on west side of stream



Photo 5: Viewing east at upland east of stream adjacent to Wetland 1



Photo 7: Viewing northwest at stream



Photo 6: Viewing south at upland horse pasture east of stream



Photo 8: Viewing east at Wetland 2 east of stream



Photo 9: Viewing north at stream in Wetland 2



Photo 11: Viewing north at Wetland 2 near ditch that extends east out of the project area



Photo 10: Viewing south at wetland 2 near property boundary



Photo 12: Viewing west at upland west of Wetland



Photo 13: Viewing south along the western boundary of Wetland 2



Photo 15: Viewing south at Wetland 3



Photo 14: Viewing east at eastern edge of Wetland 3



Photo 16: Viewing east at upland north of Wetland

3

WINNEBAGO COUNTY SOIL RESOURCE MAP & SOIL REPORTS



VRCS

Natural Resources Conservation Service A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Winnebago County, Wisconsin



Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2 053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require

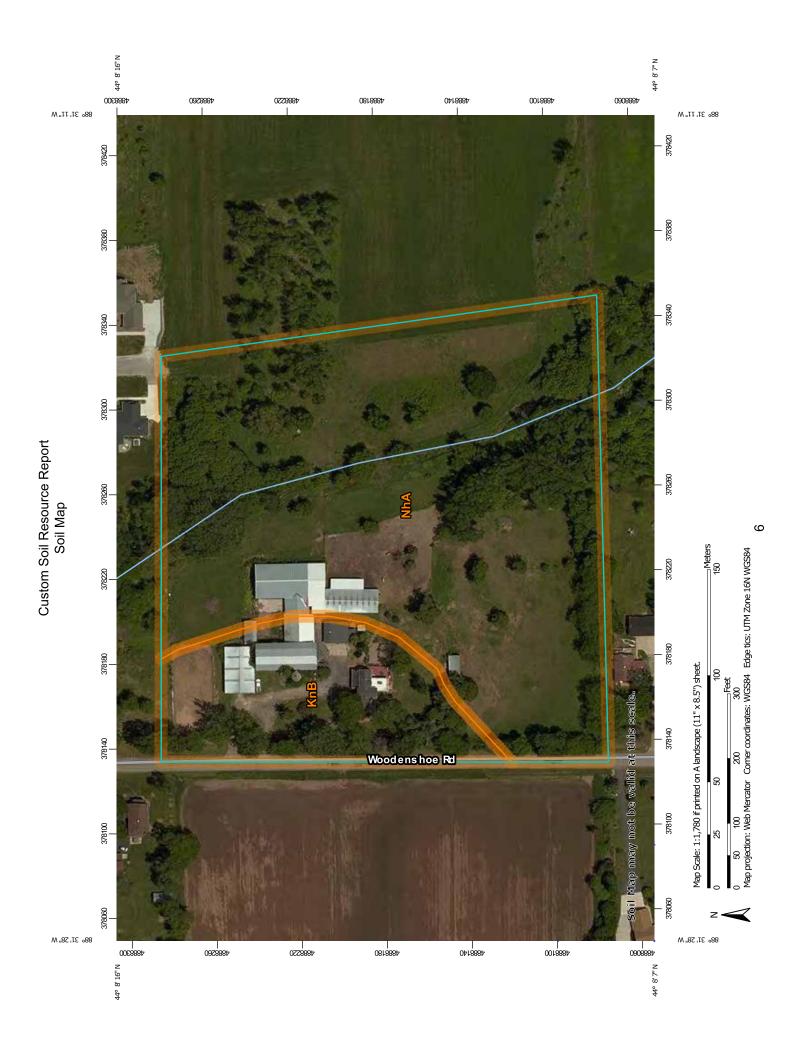
alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

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Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.



MAP LEGEND

Special Line Features Very Stony Spot Stony Spot Spoil Area Wet Spot Other Water Features W 8 ◁ Soil Map Unit Polygons Area of Interest (AOI) Soil Map Unit Points Soil Map Unit Lines Special Point Features Area of Interest (AOI) Soils

Borrow Pit Blowout 9

Streams and Canals

Closed Depression Clay Spot

Interstate Highways

Rails

ŧ

Fransportation

Major Roads Local Roads

US Routes

- **Gravel Pit**
- **Gravelly Spot**
 - Landfill
- Marsh or swamp

Lava Flow

Aerial Photography

3ackground

- Mine or Quarry
- Miscellaneous Water Perennial Water
 - Rock Outcrop
 - Saline Spot
- Sandy Spot
- Severely Eroded Spot
 - Sinkhole
- Slide or Slip
- Sodic Spot

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

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

contrasting soils that could have been shown at a more detailed 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

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)

distance and area. A projection that preserves area, such as the Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts 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: Winnebago County, Wisconsin Version 13, Sep 28, 2016 Survey Area Data: Soil map units are labeled (as space allows) for map scales 1:50,000 or larger. Date(s) aerial images were photographed: May 31, 2015—Jun 2, 2015

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
KnB	Kewaunee silt loam, 2 to 6 percent slopes	2.1	20.2%
NhA	Neenah silty clay loam, 0 to 3 percent slopes	8.5	79.8%
Totals for Area of Interest		10.6	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however,

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onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An association is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Winnebago County, Wisconsin

KnB—Kewaunee silt loam, 2 to 6 percent slopes

Map Unit Setting

National map unit symbol: 2t040 Elevation: 580 to 1,210 feet

Mean annual precipitation: 27 to 35 inches Mean annual air temperature: 43 to 46 degrees F

Frost-free period: 130 to 194 days

Farmland classification: All areas are prime farmland

Map Unit Composition

Kewaunee and similar soils: 94 percent

Minor components: 6 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kewaunee

Setting

Landform: Ground moraines

Landform position (two-dimensional): Backslope, summit

Landform position (three-dimensional): Crest

Down-slope shape: Convex Across-slope shape: Convex

Parent material: Thin loess over calcareous clayey till

Typical profile

Ap - 0 to 10 inches: silt loam
Bt - 10 to 13 inches: silty clay loam

2Bt - 13 to 29 inches: clay

2Cd - 29 to 79 inches: silty clay loam

Properties and qualities

Slope: 2 to 6 percent

Depth to restrictive feature: 26 to 40 inches to densic material

Natural drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Moderately low to

moderately high (0.06 to 0.20 in/hr)

Depth to water table: About 60 to 67 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum in profile: 30 percent

Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0

mmhos/cm)

Available water storage in profile: Low (about 4.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 2e

Hydrologic Soil Group: C Hydric soil rating: No

Minor Components

Poygan, drained

Percent of map unit: 3 percent

Landform: Till plains

Landform position (two-dimensional): Toeslope

Down-slope shape: Concave Across-slope shape: Concave

Hydric soil rating: Yes

Manawa

Percent of map unit: 3 percent Landform: Drainageways

Landform position (two-dimensional): Footslope Landform position (three-dimensional): Base slope

Down-slope shape: Linear Across-slope shape: Concave

Hydric soil rating: No

NhA—Neenah silty clay loam, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: g5z3 Elevation: 730 to 1,000 feet

Mean annual precipitation: 28 to 34 inches Mean annual air temperature: 43 to 46 degrees F

Frost-free period: 135 to 155 days

Farmland classification: Prime farmland if drained

Map Unit Composition

Neenah and similar soils: 100 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Neenah

Setting

Landform: Lake terraces, stream terraces Landform position (two-dimensional): Footslope

Down-slope shape: Concave Across-slope shape: Linear

Parent material: Calcareous clayey lacustrine deposits

Typical profile

Ap - 0 to 7 inches: silty clay loam B21t-31t,B32 - 7 to 29 inches: clay

C - 29 to 60 inches: clay

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

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Natural drainage class: Somewhat poorly drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 in/hr)

Depth to water table: About 0 to 12 inches

Frequency of flooding: Occasional Frequency of ponding: Occasional

Calcium carbonate, maximum in profile: 30 percent

Available water storage in profile: Moderate (about 6.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3w

Hydrologic Soil Group: D

Other vegetative classification: Mod AWC, high water table (G095AY004WI)

Hydric soil rating: No

Minor Components

Menasha

Percent of map unit: Landform: Depressions Hydric soil rating: Yes

Soil Information for All Uses

Soil Properties and Qualities

The Soil Properties and Qualities section includes various soil properties and qualities displayed as thematic maps with a summary table for the soil map units in the selected area of interest. A single value or rating for each map unit is generated by aggregating the interpretive ratings of individual map unit components. This aggregation process is defined for each property or quality.

Soil Qualities and Features

Soil qualities are behavior and performance attributes that are not directly measured, but are inferred from observations of dynamic conditions and from soil properties. Example soil qualities include natural drainage, and frost action. Soil features are attributes that are not directly part of the soil. Example soil features include slope and depth to restrictive layer. These features can greatly impact the use and management of the soil.

Drainage Class

"Drainage class (natural)" refers to the frequency and duration of wet periods under conditions similar to those under which the soil formed. Alterations of the water regime by human activities, either through drainage or irrigation, are not a consideration unless they have significantly changed the morphology of the soil. Seven classes of natural soil drainage are recognized-excessively drained, somewhat excessively drained, well drained, moderately well drained, somewhat poorly drained, poorly drained, and very poorly drained. These classes are defined in the "Soil Survey Manual."



This product is generated from the USDA-NRCS certified data as distance and area. A projection that preserves area, such as the Date(s) aerial images were photographed: May 31, 2015—Jun Maps from the Web Soil Survey are based on the Web Mercator contrasting soils that could have been shown at a more detailed Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil projection, which preserves direction and shape but distorts Soil map units are labeled (as space allows) for map scales Source of Map: Natural Resources Conservation Service Albers equal-area conic projection, should be used if more The soil surveys that comprise your AOI were mapped at 1:20,000. line placement. The maps do not show the small areas of Please rely on the bar scale on each map sheet for map accurate calculations of distance or area are required. Soil Survey Area: Winnebago County, Wisconsin Coordinate System: Web Mercator (EPSG:3857) MAP INFORMATION Warning: Soil Map may not be valid at this scale. Version 13, Sep 28, 2016 of the version date(s) listed below. Web Soil Survey URL: Survey Area Data: 1:50,000 or larger. measurements. Somewhat poorly drained Not rated or not available Moderately well drained Somewhat excessively Streams and Canals **Excessively drained** Very poorly drained Interstate Highways Aerial Photography Poorly drained Subaqueous Major Roads Well drained Local Roads **US Routes** drained Rails Water Features **Transportation** Background MAP LEGEND ŧ Somewhat poorly drained Not rated or not available Somewhat poorly drained Not rated or not available Moderately well drained Moderately well drained Somewhat excessively Somewhat excessively Area of Interest (AOI) Excessively drained **Excessively drained** Very poorly drained Very poorly drained Poorly drained Poorly drained Subaqueous Well drained Subaqueous Well drained Soil Rating Polygons Area of Interest (AOI) Soil Rating Points Soil Rating Lines drained drained

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.

Table—Drainage Class

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
KnB	Kewaunee silt loam, 2 to 6 percent slopes	Well drained	2.1	20.2%
NhA	Neenah silty clay loam, 0 to 3 percent slopes	Somewhat poorly drained	8.5	79.8%
Totals for Area of Intere	est		10.6	100.0%

Rating Options—Drainage Class

Aggregation Method: Dominant Condition
Component Percent Cutoff: None Specified

Tie-break Rule: Higher

Soil Reports

The Soil Reports section includes various formatted tabular and narrative reports (tables) containing data for each selected soil map unit and each component of each unit. No aggregation of data has occurred as is done in reports in the Soil Properties and Qualities and Suitabilities and Limitations sections.

The reports contain soil interpretive information as well as basic soil properties and qualities. A description of each report (table) is included.

Land Classifications

This folder contains a collection of tabular reports that present a variety of soil groupings. The reports (tables) include all selected map units and components for each map unit. Land classifications are specified land use and management groupings that are assigned to soil areas because combinations of soil have similar behavior for specified practices. Most are based on soil properties and other factors that directly influence the specific use of the soil. Example classifications include ecological site classification, farmland classification, irrigated and nonirrigated land capability classification, and hydric rating.

Hydric Rating by Map Unit (WI)

This Hydric Soil Category rating indicates the components of map units that meet the criteria for hydric soils. Map units are composed of one or more major soil components or soil types that generally make up 20 percent or more of the map unit and are listed in the map unit name, and they may also have one or more minor contrasting soil components that generally make up less than 20 percent of the map unit. Each major and minor map unit component that meets the hydric criteria is rated **hydric**. The map unit class ratings based on the hydric components present are: WI Hydric, WI Predominantly Hydric, WI Partially Hydric, WI Predominantly Nonhydric, and WI Nonhydric. The report also shows the total representative percentage of each map unit that the hydric components comprise.

"WI Hydric" means that all major and minor components listed for a given map unit are rated as being hydric. "WI Predominantly Hydric" means that all major components listed for a given map unit are rated as hydric, and at least one contrasting minor component is not rated hydric. "WI Partially Hydric" means that at least one major component listed for a given map unit is rated as hydric, and at least one other major component is not rated hydric. "WI Predominantly Nonhydric" means that no major component listed for a given map unit is rated as hydric, and at least one contrasting minor component is rated hydric. "WI Nonhydric" means no major or minor components for the map unit are rated hydric. The assumption is that the map unit is nonhydric even if none of the components within the map unit have been rated.

Hydric soils are defined by the National Technical Committee for Hydric Soils (NTCHS) as soils that formed under conditions of saturation, flooding, or ponding long enough during the growing season to develop anaerobic conditions in the

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upper part (Federal Register, 1994). Under natural conditions, these soils are either saturated or inundated long enough during the growing season to support the growth and reproduction of hydrophytic vegetation.

If soils are wet enough for a long enough period of time to be considered hydric, they typically exhibit certain properties that can be easily observed in the field. These visible properties are indicators of hydric soils. The indicators used to make onsite determinations of hydric soils are specified in "Field Indicators of Hydric Soils in the United States" (Vasilas, Hurt, and Noble, 2010).

The NTCHS has developed criteria to identify those soil properties unique to hydric soils (Federal Register, 2012). These criteria are used to identify map unit components that normally are associated with wetlands. The criteria use selected soil properties that are described in "Field Indicators of Hydric Soils in the United States" (Vasilas, Hurt, and Noble, 2010), "Soil Taxonomy" (Soil Survey Staff, 1999), "Keys to Soil Taxonomy" (Soil Survey Staff, 2010), and the "Soil Survey Manual" (Soil Survey Division Staff, 1993).

The criteria for hydric soils are represented by codes, for example, 2 or 3. Definitions for the codes are as follows:

- 1. All Histels except for Folistels, and Histosols except for Folists.
- 2. Soils in Aquic suborders, great groups, or subgroups, Albolls suborder, Historthels great group, Histoturbels great group, Pachic subgroups, or Cumulic subgroups that:
 - A. Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
 - B. Show evidence that the soil meets the definition of a hydric soil;
- 3. Soils that are frequently ponded for long or very long duration during the growing season.
 - A. Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
 - B. Show evidence that the soil meets the definition of a hydric soil;
- 4. Map unit components that are frequently flooded for long duration or very long duration during the growing season that:
 - A. Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
 - B. Show evidence that the soil meets the definition of a hydric soil;

Hydric Condition: Food Security Act information regarding the ability to grow a commodity crop without removing woody vegetation or manipulating hydrology.

References:

Federal Register. July 13, 1994. Changes in hydric soils of the United States. Federal Register. February, 28, 2012. Hydric soils of the United States.

Soil Survey Division Staff. 1993. Soil survey manual. Soil Conservation Service. U.S. Department of Agriculture Handbook 18.

Soil Survey Staff. 1999. Soil taxonomy: A basic system of soil classification for making and interpreting soil surveys. 2nd edition. Natural Resources Conservation Service. U.S. Department of Agriculture Handbook 436.

Soil Survey Staff. 2010. Keys to soil taxonomy. 11th edition. U.S. Department of Agriculture, Natural Resources Conservation Service.

Vasilas, L.M., G.W. Hurt, and C.V. Noble, editors. Version 7.0, 2010. Field indicators of hydric soils in the United States.

Report—Hydric Rating by Map Unit (WI)

Map Unit Symbol	Map Unit Name	Hydric Percent of Map Unit	Hydric Category
KnB	Kewaunee silt loam, 2 to 6 percent slopes	3	WI Predominantly Nonydric
NhA	Neenah silty clay loam, 0 to 3 percent slopes	0	WI Predominantly Nonydric

Hydric Soils

This table lists the map unit components that are rated as hydric soils in the survey area. This list can help in planning land uses; however, onsite investigation is recommended to determine the hydric soils on a specific site (National Research Council, 1995; Hurt and others, 2002).

The three essential characteristics of wetlands are hydrophytic vegetation, hydric soils, and wetland hydrology (Cowardin and others, 1979; U.S. Army Corps of Engineers, 1987; National Research Council, 1995; Tiner, 1985). Criteria for all of the characteristics must be met for areas to be identified as wetlands. Undrained hydric soils that have natural vegetation should support a dominant population of ecological wetland plant species. Hydric soils that have been converted to other uses should be capable of being restored to wetlands.

Hydric soils are defined by the National Technical Committee for Hydric Soils (NTCHS) as soils that formed under conditions of saturation, flooding, or ponding long enough during the growing season to develop anaerobic conditions in the upper part (Federal Register, 1994). These soils, under natural conditions, are either saturated or inundated long enough during the growing season to support the growth and reproduction of hydrophytic vegetation.

The NTCHS definition identifies general soil properties that are associated with wetness. In order to determine whether a specific soil is a hydric soil or nonhydric soil, however, more specific information, such as information about the depth and duration of the water table, is needed. Thus, criteria that identify those estimated soil properties unique to hydric soils have been established (Federal Register, 2002). These criteria are used to identify map unit components that normally are associated with wetlands. The criteria used are selected estimated soil properties that are described in "Soil Taxonomy" (Soil Survey Staff, 1999) and "Keys to Soil Taxonomy" (Soil Survey Staff, 2006) and in the "Soil Survey Manual" (Soil Survey Division Staff, 1993).

If soils are wet enough for a long enough period of time to be considered hydric, they should exhibit certain properties that can be easily observed in the field. These visible properties are indicators of hydric soils. The indicators used to make onsite determinations of hydric soils are specified in "Field Indicators of Hydric Soils in the United States" (Hurt and Vasilas, 2006).

Hydric soils are identified by examining and describing the soil to a depth of about 20 inches. This depth may be greater if determination of an appropriate indicator so requires. It is always recommended that soils be excavated and described to the

Custom Soil Resource Report

depth necessary for an understanding of the redoximorphic processes. Then, using the completed soil descriptions, soil scientists can compare the soil features required by each indicator and specify which indicators have been matched with the conditions observed in the soil. The soil can be identified as a hydric soil if at least one of the approved indicators is present.

Map units that are dominantly made up of hydric soils may have small areas, or inclusions, of nonhydric soils in the higher positions on the landform, and map units dominantly made up of nonhydric soils may have inclusions of hydric soils in the lower positions on the landform.

The criteria for hydric soils are represented by codes in the table (for example, 2). Definitions for the codes are as follows:

- 1. All Histels except for Folistels, and Histosols except for Folists.
- 2. Soils in Aquic suborders, great groups, or subgroups, Albolls suborder, Historthels great group, Histoturbels great group, Pachic subgroups, or Cumulic subgroups that:
 - A. Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
 - B. Show evidence that the soil meets the definition of a hydric soil;
- Soils that are frequently ponded for long or very long duration during the growing season.
 - A. Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
 - B. Show evidence that the soil meets the definition of a hydric soil;
- 4. Map unit components that are frequently flooded for long duration or very long duration during the growing season that:
 - A. Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
 - B. Show evidence that the soil meets the definition of a hydric soil;

Hydric Condition: Food Security Act information regarding the ability to grow a commodity crop without removing woody vegetation or manipulating hydrology.

References:

Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of wetlands and deep-water habitats of the United States. U.S. Fish and Wildlife Service FWS/OBS-79/31.

Federal Register. September 18, 2002. Hydric soils of the United States. Federal Register. July 13, 1994. Changes in hydric soils of the United States. Hurt, G.W., and L.M. Vasilas, editors. Version 6.0, 2006. Field indicators of hydric soils in the United States.

National Research Council. 1995. Wetlands: Characteristics and boundaries. Soil Survey Division Staff. 1993. Soil survey manual. Soil Conservation Service. U.S. Department of Agriculture Handbook 18.

Soil Survey Staff. 2006. Keys to soil taxonomy. 10th edition. U.S. Department of Agriculture, Natural Resources Conservation Service.

Soil Survey Staff. 1999. Soil taxonomy: A basic system of soil classification for making and interpreting soil surveys. 2nd edition. Natural Resources Conservation Service. U.S. Department of Agriculture Handbook 436.

Tiner, R.W., Jr. 1985. Wetlands of Delaware. U.S. Fish and Wildlife Service and Delaware Department of Natural Resources and Environmental Control, Wetlands Section.

Custom Soil Resource Report

United States Army Corps of Engineers, Environmental Laboratory. 1987. Corps of Engineers wetlands delineation manual. Waterways Experiment Station Technical Report Y-87-1.

Report—Hydric Soils

Hydric Soils–Winnebago County, Wisconsin				
Map symbol and map unit name Component Percent of Landform Hydric criteri				
KnB—Kewaunee silt loam, 2 to 6 percent slopes				
	Poygan, drained	3	Till plains	2
NhA—Neenah silty clay loam, 0 to 3 percent slopes				
	Menasha	_	Depressions	2, 3

Winnebago County Planning and Zoning Department

NOTICE OF PUBLIC HEARING PLANNING AND ZONING COMMITTEE 1/30/2018

TO WHOM IT MAY CONCERN:

The applicant(s) listed below has requested a Zoning Map Amendment which is regulated by the <u>Town/County Zoning Code</u>, Chapter 23. You are receiving this notice because this application or petition for action: 1. affects area in the immediate vicinity of property which you own; 2. requires your agency to be notified; 3. requires your Town to be notified; or 4. requires you, as the applicant, to be notified.

The Winnebago County Planning and Zoning Committee will be holding a public hearing on 1/30/2018 at 6:30 p.m. in Conference Room 120 of the County Administration Building located at 112 Otter Ave, Oshkosh, WI.

All interested persons wishing to be heard at the public hearing are invited to be present. For further detailed information concerning this notice, contact the Town Clerk or the Winnebago County Zoning Office, where the application is available for viewing.

INFORMATION ON ZONING MAP AMENDMENT REQUEST

Application No.: 2018-ZC-4390

Applicant:

HAHN IRREV REAL ESTATE TST KRIESE TSTE, JEAN A

Agent: REIDER, BOB - CAROW LAND SURVEYING CO INC

Location of Premises: 8258 WOLF RIVER RD FREMONT, WI 54940

Tax Parcel No.:

032-0454

Legal Description:

Being a part of the NE 1/4 of the SW 1/4, Section 21, Township 20 North, Range 14 East, Town of Wolf River, Winnebago County, Wisconsin.

Explanation:

Applicant is requesting a zoning map amendment from A-2 (General Agriculture District) to R-1 (Rural Residential District) to create a residential lot.

INITIAL STAFF REPORT

Sanitation:

Existing System Private System

Overlays:

Floodplain Shoreland Wetlands

Current Zoning: A-2 General Agriculture

Proposed Zoning: R-1 Rural Residential

Surrounding Zoning:

North: A-2; Town South: A-2; Town

East: A-2 West: A-2; Town

THE FOLLOWING INFORMATION HAS BEEN PROVIDED BY THE OWNER / APPLICANT

Describe Present Use(s): Residence and outbuildings.

Describe Proposed Use(s): Same as present.

Describe The Essential Services For Present And Future Uses: All existing.

Describe Why The Proposed Use Would Be The Highest And Best Use For The Property: Matches what has been existing for decades. Creating separate lot for house and outbuildings and keeping as much land in agricultural use as possible.

Describe The Proposed Use(s) Compatibility With Surrounding Land Uses:

Home has been existing for decades and other than ownership, there would be no changes.

SECTION REFERENCE AND BASIS OF DECISION

23.7-5 Basis of decision

- (b) **Zoning map amendment initiated by a property owner**. If a proposed zoning map amendment is initiated by a property owner and would change the zoning classification of a parcel not classified as A-1, the Planning and Zoning Committee in making its recommendation and the Board of County Supervisors in making its decision shall consider the following factors:
- (1) whether the amendment is consistent with the county's comprehensive plan, including any future land use maps or similar maps;
- (2) the extent to which the lot and structures on the subject property conform to the dimensional standards that apply to the proposed zoning district; and
- (3) any other factor not specifically or generally listed, but deemed appropriate by the committee or board given the particular circumstances.

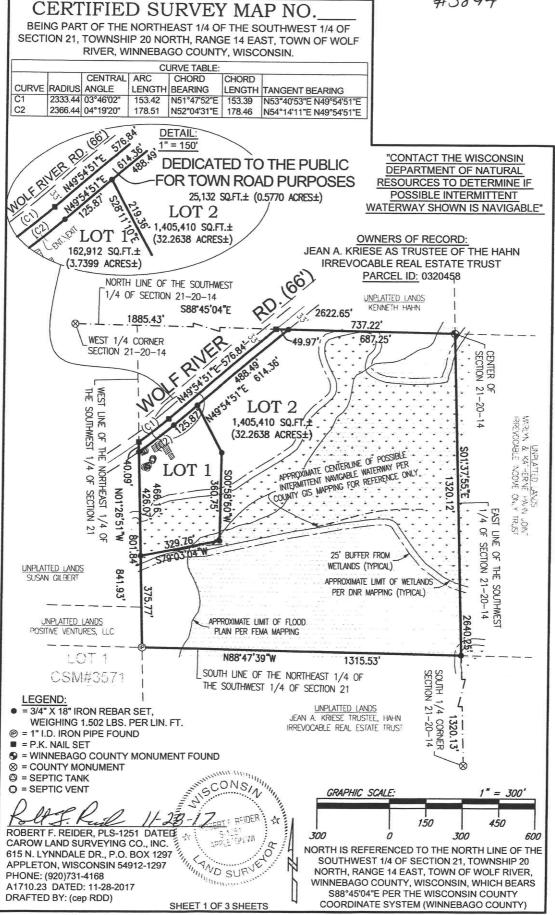
If a proposed zoning map amendment is initiated by a property owner and would change the zoning classification of land classified as A-1, the Planning and Zoning Committee shall only recommend

approval and the Board of County Supervisors shall only approve the proposed amendment when all of the following findings can be made:

- (1) Such land is better suited for a use not otherwise allowed in the A-1 district.
- (2) The amendment is consistent with the county's comprehensive plan.
- (3) The amendment is substantially consistent with the county's farmland preservation plan as certified by the Wisconsin Department of Agriculture, Trade and Consumer Protection.
- (4) The amendment will not substantially impair or limit current or future agricultural use of other protected farmland in the area.

The special requirements stated above relating to the rezoning of land in a A-1 district do not apply to a map amendment that (1) is certified by the Wisconsin Department of Agriculture, Trade and Consumer Protection under ch. 91, Wis. Stats., or (2) makes the zoning map more consistent with county's farmland preservation plan map, certified under ch. 91, Wis. Stats., which is in effect at the time of the amendment.

- (c) **Zoning map amendment initiated by the county.** If a proposed zoning map amendment is initiated by the county, the Planning and Zoning Committee in making its recommendation and the Board of County Supervisors in making its decision shall consider the following factors:
- (1) whether the amendment is consistent with the county's comprehensive plan, including any future land use maps or similar maps;
- (2) whether the amendment is consistent with other planning documents adopted by the Board of County Supervisors; and
- (3) any other factor not specifically or generally listed, but deemed appropriate by the committee or board given the particular circumstances.



CERTIFIED SURVEY MAP NO.

BEING PART OF THE NORTHEAST ¼ OF THE SOUTHWEST ¼ OF SECTION 21, TOWNSHIP 20 NORTH, RANGE 14 EAST, TOWN OF WOLF RIVER, WINNEBAGO COUNTY, WISCONSIN.

SURVEYOR'S CERTIFICATE:

I, ROBERT F. REIDER, PROFESSIONAL WISCONSIN LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED, DIVIDED AND MAPPED PART OF THE NORTHEAST ¼ OF THE SOUTHWEST ¼ OF SECTION 21, TOWNSHIP 20 NORTH, RANGE 14 EAST, TOWN OF WOLF RIVER, WINNEBAGO COUNTY, WISCONSIN, BOUNDED AND DESCRIBED AS FOLLOWS: COMMENCING AT THE WEST 4 CORNER OF SAID SECTION 21; THENCE S88°45'04"E, 1885.43 FEET ALONG THE NORTH LINE OF THE SOUTHWEST ¼ OF SECTION 21 TO THE CENTERLINE OF WOLF RIVER ROAD AND THE POINT OF BEGINNING; THENCE CONTINUING S88°45'04"E, 737.22 FEET ALONG SAID NORTH LINE TO THE CENTER OF SECTION 21; THENCE S01°37'55"E, 1320.12 FEET ALONG THE EAST LINE OF THE SOUTHWEST ¼ OF SECTION 21 TO THE SOUTH LINE OF THE NORTHEAST ¼ OF THE SOUTHWEST ¼ OF SECTION 21; THENCE N88°47'39"W, 1315.53 FEET ALONG SAID SOUTH LINE TO THE WEST LINE OF THE NORTHEAST ¼ OF THE SOUTHWEST ¼ OF SECTION 21; THENCE N01°26'51"W, 841.93 FEET ALONG SAID WEST LINE TO THE CENTERLINE OF WOLF RIVER ROAD; THENCE NORTHEASTERLY, 153.42 FEET ALONG THE ARC OF A 2333.44 FOOT RADIUS CURVE OF SAID CENTERLINE TO THE LEFT, HAVING A CHORD WHICH BEARS N51°47'52"E AND IS 153.39 FEET IN LENGTH; THENCE N49°54'51"E, 576.84 FEET ALONG SAID CENTERLINE TO THE NORTH LINE OF THE SOUTHWEST ¼ OF SECTION 21 AND THE POINT OF BEGINNING. SUBJECT TO ALL EASEMENTS AND RESTRICTIONS OF RECORD.

THAT I HAVE MADE SUCH SURVEY UNDER THE DIRECTION OF JERRY O'CONNOR, WISCONSIN 54940.

THAT THIS MAP IS A CORRECT REPRESENTATION OF THE EXTERIOR BOUNDARY LINES OF THE LAND SURVEYED.

THAT I HAVE FULLY COMPLIED WITH THE PROVISIONS OF CHAPTER 236.34 OF THE WISCONSIN STATUTES AND THE SUBDIVISION ORDINANCE OF WINNEBAGO COUNTY.



ROBERT F. REIDER, PLS-1251 DATED CAROW LAND SURVEYING CO., INC. 615 N. LYNNDALE DRIVE, P.O. BOX 1297 APPLETON, WISCONSIN 54912-1297 PHONE: (920)731-4168 A1710.23 (RFR) 11-14-2017

NOTES:

- (1) THIS CSM IS PART OF TAX PARCEL NO. (S): 0320454.
- (2) THE PROPERTY OWNER (S) OF RECORD IS (ARE): HAHN IRREVOCABLE REAL ESTATE TRUST
- (3) THE CSM IS WHOLLY CONTAINED WITHIN THE PROPERTY DESCRIBED IN THE FOLLOWING RECORDED INSTRUMENT (S): DOCUMENT NO. 1389016.

COUNTY PLANNING AND ZONING COMMITTEE APPROVAL:

PURSUANT TO THE WINNEBAGO COUNTY SUBDIVISION ORDINANCE, ALL REQUIREMENTS FOR APPROVAL HAVE BEEN FULFILLED. THIS CERTIFIED SURVEY MAP WAS APPROVED THIS _______, 20____.

CHAIRPERSON, WINNEBAGO COUNTY PLANNING AND ZONING COMMITTEE.

OF______, 20___.

TOWN CHAIRPERSON TOWN CLERK

APPROVED AND ACCEPTED THIS CERTIFIED SURVEY MAP ON THE DAY

WE HEREBY CERTIFY THAT THE TOWN OF WOLF RIVER BOARD OF SUPERVISORS

SHEET 2 OF 3 SHEETS

CERTIFIED SI					
BEING PART OF THE NORTHEAS					
NORTH, RANGE 14 EAST, TOWN	OF WOLF F	RIVER, WINNEBAGO	COUNTY, W	ISCONSIN.	
OWNER'S CERTIFICATE: AS OWNER, I (WE) HEREBY THIS CERTIFIED SURVEY MAP TO REPRESENTED HEREON. I (WE) 236.12 OF THE WISCONSIN STAT TOWN OF WOLF RIVER AND WI WITNESS THE HAND AND S BY: HAHN IRREVOCABLE REAL	O BE SURV ALSO CERT TUTES TO B NNEBAGO EAL OF SAI	'EYED, DIVIDED, MA FIFY THAT THIS MAP E SUBMITTED TO TH COUNTY. ID OWNER(S) THIS	PPED AND I IS REQUIRI E FOLLOWI	DEDICATEI ED BY S.230 NG FOR AP	O AS 5.10 OR PROVAL:
JEAN A. KRIESE, TRUSTEE					
STATE OF WISCONSIN)					
COUNTY OF WINNEBAGO)					
PERSONALLY CAME BEFOR NAMED PERSON (S) TO ME KNO	RE ME THIS	DAY OF	, 2	0 THE	ABOVE
NAMED PERSON (S) TO ME KNO	WN TO BE	THE PERSON (S) WHO	EXECUTEI	THE FORE	EGOING
INSTRUMENT AND ACKNOWLE	DGED THE	SAME.			
NOTARY PUBLIC		-			
MY COMMISSION EXPIRES:					
TREASURER CERTIFICATE: I HEREBY CERTIFY THAT TI	TEDE VDE Z	JO I INDA ID TA VEC O	O I INIDA IIN C	DECIAL	
ASSESSMENTS ON ANY OF THE					
				21	
TOWN TREASURER	DATED	COUNTY TREASU	RER	DATED	
	^	- 0			
SERVING CO	Kelt	I Kuil	11-28	2-17	
No.	ROBER	T F. REIDER, PLS-125		DATED	
DEIDED.		W LAND SURVEYING		_	
1.51		LYNNDALE DRIVE, P TON, WISCONSIN 549		7	
LETON WI		E: (920)731-4168	12-1297		
May O SURVE See		23 (RFR) 11-28-2017			
William OUNV STREET					
"The trees	EET 3 OF 3				

TOWN OF WOLF RIVER GENERAL APPLICATION FORM

Date 11-2-17
PROPERTY OWNER, NAME: Hahn Frevocable Real Estate Trust - Jerry O'Cann
MAILING ADDRESS: 95 S. Main St., Clintonville, WI 54929
PHONE: 715-250-0744
APPLICANT, NAME: Robert Reider - Carow Land Surveying
APPLICANT, NAME: Robert Reider - Carow Land Surveying MAILING ADDRESS: 615 N. Lynndale Dr., Appleton, W1 54914
PHONE: 920-731-4/68
TYPE OF APPLICATION: Zoning Permit Building Removal
Zoning Change Conditional Use Permit Variance
PARCEL NUMBER: 0320454
LOCATION: 8258 Wolf River Road
LEGAL DESCRIPTION: NE-SW Section 21, T20N
LEGAL DESCRIPTION: NE-SW Section 21, T20N, RI4E, Town of Wolf River, Winnebago County, Wisconsin lying Southerst of Wolf River Rd
PARCEL SIZE: 3,74Ac
ZONING INFORMATION
EXISTING ZONING: $A-2$ PROPOSED ZONING $A-3$
PROJECT INFORMATION: Rezening portion of Lot 1
of attached CSM under town zoning from
A-2 to A-3. Creating separate parcel for
A-2 to A-3. Creating separate parcel for existing buildings so farmland can be sold separately.
Separatelyo

A1710,23

ATTACH SITE PLAN showing roads, existing structures, setbacks, and any other pertinent information.

NOTE: (1) Owner/demolition contractor must verify that building is free of hazardous material including asbestos. Appropriate disposal of all materials is required.

FEE SCHEDULE: Conditional Use Permit

Revised 7/1/2013

(2) Signing of this application constitutes agreement by property owner that all work will comply with local, county and state ordinance laws and regulations.

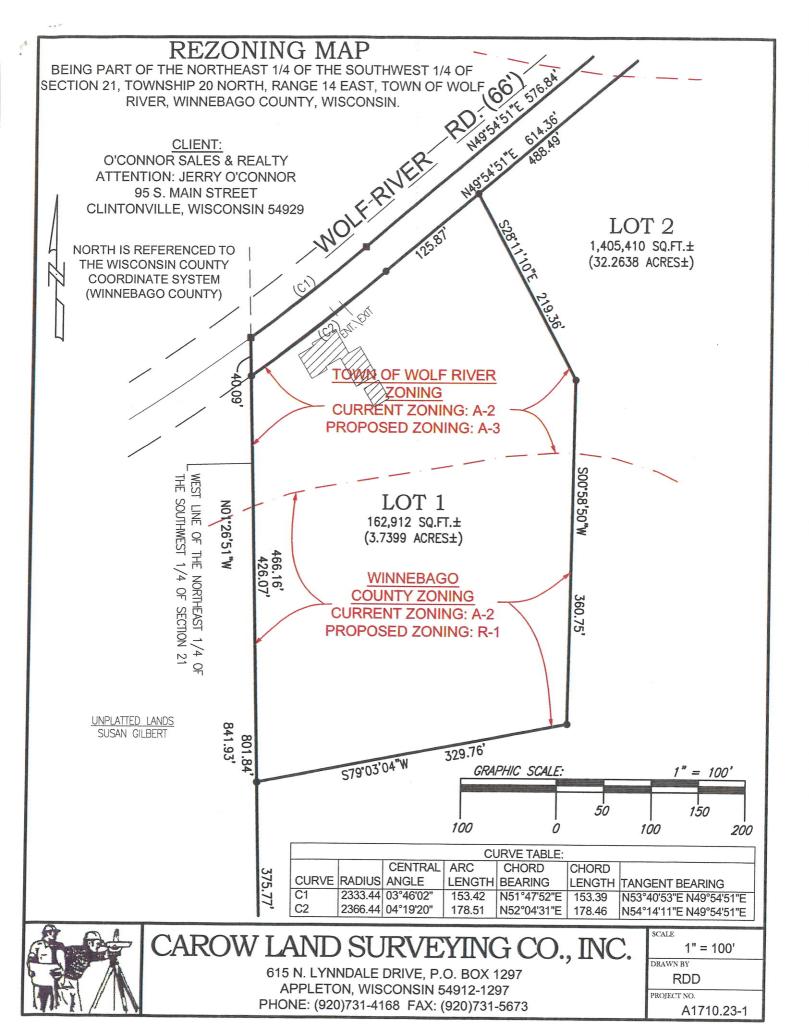
\$550.00

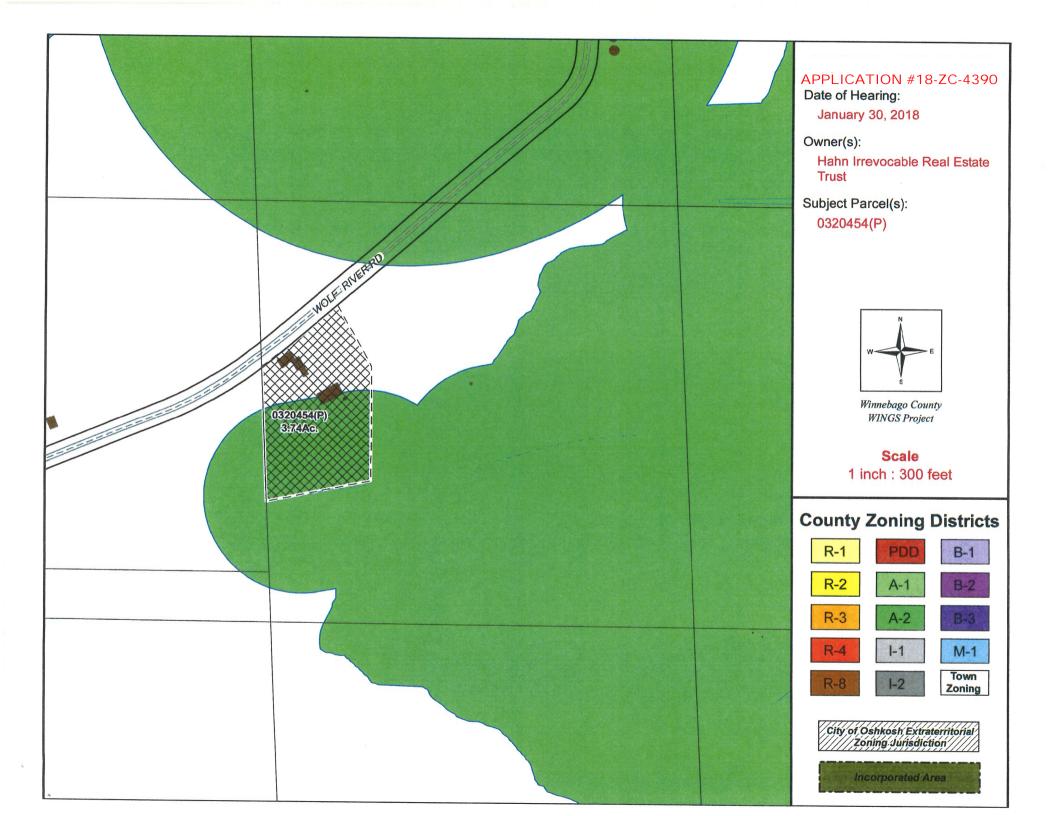
	Variance Zoning Change Building Removal	\$ 550.00 \$ 550.00 No Charge	
TOTAL FEES DUE:	550.60		
RECEIPT NO.	THE PHILITERY AND		
CHECK NO.			
Permission is herel	by granted for Town of Wolf	River Zoning Ins	pector to enter
the property for in	spection purposes.		
Signature	m A. Krein	Date	11-9-17

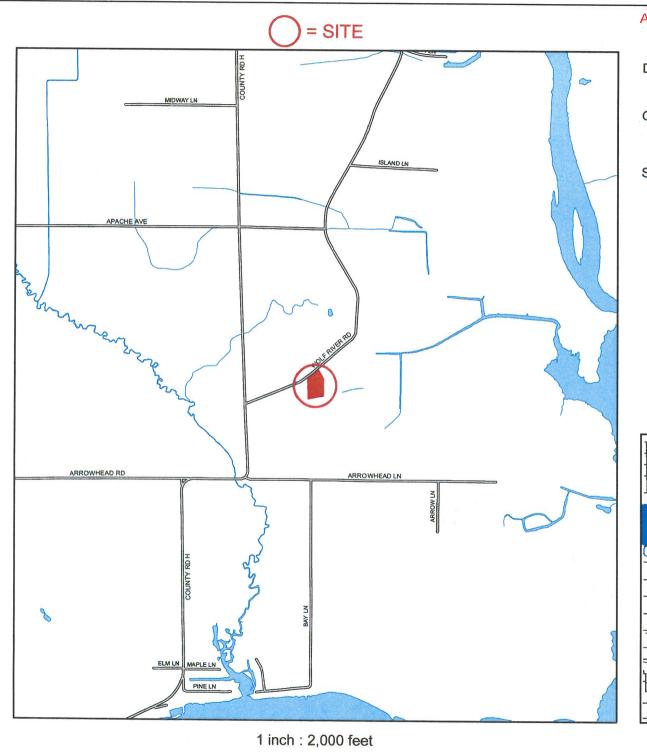
A1710.23

ZONING CHANGE APPLICATION

PRESENT ZONING: H-2
PROPOSED ZONING: A-3
ZONING OF SURROUNDING PROPERTIES: A -2 town + A-2 County
DESCRIBE PROPOSED USE (S): Existing residence
DESCRIBE THE ESSENTIAL SERVICES (sewer, water, streets, etc.) FOR PRESENT AND FUTURE USES:
Nothing should be changed
DESCRIBE WHY THE PROPOSED USE WOULD BE THE HIGHEST AND BEST FOR THE PROPERTY:
Allows existing residence to remain
Allows existing residence to remain and Keep furm land together.
DESCRIBE THE PROPOSED USE(S) COMPATIBILITY WITH SURROUNDING LAND USES:
Nothing other than ownership is
changing from the way things have
changing from the way things have been for decades.







APPLICATION #18-ZC-4390

Date of Hearing:

January 30, 2018

Owner(s):

Hahn Irrevocable Real Estate Trust

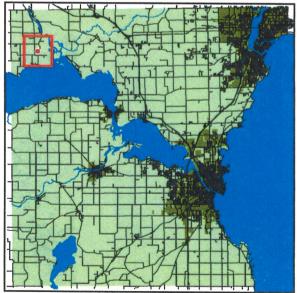
Subject Parcel(s):

0320454(P)



Winnebago County WINGS Project





WINNEBAGO COUNTY

WINNEBAGO COUNTY PLANNING & ZONING DEPARTMENT

Date: 01/30/18

To Whom It May Concern:

Below is a Notice of Public Hearing being published in the <u>Oshkosh Northwestern</u>. The Notice presents a general description of a proposed action which is regulated by the Winnebago County Town/County Zoning Ordinance. This application or petition for action affects area in the immediate vicinity of property which you own.

Notice of Public Hearing

The Planning & Zoning Committee of Winnebago County will hold a Public Hearing in the **Room 120** of the Winnebago County Administrative Building, 112 Otter Avenue, Oshkosh, Wisconsin, on **January 30, 2018 at 6:30 p.m.** to consider the following case:

DESCRIPTION OF SUBJECT SITE:

Owner(s) of Property: N/A

Applicant(s): Planning & Zoning Committee

Location of Premises Affected: N/A

EXPLANATION: Applicant is requesting text amendments to the Winnebago County Construction Site Erosion Control and Stormwater Management Ordinance in order to be in compliance with NR 151. A digital format of the text is available on the Meetings and Agendas calendar January 30, 2018 meeting at: https://www.co.winnebago.wi.us/county-clerk/meetings

All interested persons wishing to be heard at the Public Hearing are invited to be present. For further detailed information concerning this notice, contact the Town Clerk or the Winnebago County Zoning Office.

WINNEBAGO COUNTY PLANNING & ZONING COMMITTEE

STAFF REPORT TO: Planning & Zoning Committee

Date: 01/30/18

FILE NUMBER: 18-TA-01

SUBJECT: Text Amendment

I. Explanation: Applicant is requesting text amendments to the Winnebago County Construction Site Erosion Control and Stormwater Management Ordinance in order to be in compliance with NR 151. A digital format of the text is available on the Meetings and Agendas calendar January 30, 2018 meeting at: https://www.co.winnebago.wi.us/county-clerk/meetings

II. Geographic Background Information

A. Property Owner(s): N/A

B. Applicant(s) Name: Planning & Zoning Committee

C. Location: N/A

III. SECTION CHAPTER 23, ARTICLE 15 OF THE ZONING ORDINANCE.

CHAPTER 23, ARTICLE 15 TEXT AMENDMENTS

The following amendments are being proposed to Article 15 of the Winnebago County Town/County Zoning Ordinance, entitled Erosion Control and Stormwater Management. These amendments are necessary for enforcement consistency and to stay current with NR151.

Amend S.01(2) to read "The Winnebago County Board hereby designates the Planning & Zoning Committee to administer and enforce the provisions of the ordinance".

Amend S.01(3)(b) to read "Targeted non-agricultural performance standards promulgated in rules by the Department of Natural Resources under Chaper NR 151, Wisconsin Admin. Code".

Amend S.01(3)(c) to read "Technical standards for implementing non-agricultural performance standards developed by the Department of Natural Resources under III of Chapter NR 151, Wisconsin Admin. Code".

Amend S.07 (1) to read <u>""Administering authority" means the governmental employees</u> or their designees empowered under S.59.693, Wisconsin Statutes to administer this ordinance. For the purpose of this ordinance the administering authority is the Planning and Zoning Department under guidance from the Planning and Zoning Committee."

Delete and recreate S.07 (6) to read ""DSPS" means the Department of Safety and Professional Services."

Amend S.07 (19) to read ""Impervious surfaces" means a land cover that releases as runoff all or a large portion of the precipitation that falls on it. Rooftops, sidewalks, driveways, parking lots, gravel, and streets are examples of surfaces that are typically impervious."

Amend S.07 (35) to read ""Peak flow discharge rate" means the maximum unit volume of storm water discharged during a specified unit of time. Atlas 14 rainfall intensities with appropriate MSE3 or MSE4 rainfall distribution shall be used for peak flow calculations."

Amend S.07 (43) to read ""Redevelopment" means new development that is replacing older development. Redevelopment in this ordinance only applies when activity will increase the impervious area or projects requiring an NOI that was filed on or after January 1, 2011."

Delete and recreate S.08 (1) to read "Wisconsin Storm Water Construction technical standards."

Amend S.10 (a) to read "General Applicability. These general applicability provisions apply to the following land-disturbing construction activities, excluding that otherwise regulated by the DSPS under Wisconsin Admin. Code SPS 321.125."

Amend S.10 (2) to read "EROSION AND OTYHER POLLUTANT CONTROL REQUIRMENTS. And erosion control plan shall ensure, to the extent practical, that soil erosion, siltation, sedimentation, and other offsite impacts from land-disturbing activities are minimized through installation of BMPs pursuant to S.05 of this ordinance. The erosion control plan for permitted sites must incorporate maintenance of existing vegetation, especially adjacent to surface waters whenever possible, minimization of soil compaction and preservation of topsoil, minimization of land disturbing construction activity on slopes of 20% or more and development of spill prevention and response procedures. The BMPs may be located on or off the construction site. In addition, the erosion control plan shall:"

Amend S.10(2)(a) to read "BMPs that, by design, achieve to the maximum extent practical, a maximum discharge of 5 tons per acre per year of sediment. No person shall be required to exceed a 5 tons per acre per year discharge to meet the requirements of this paragraph. Erosion and sediment control BMPs may be used alone or in combination to meet the requirements of this paragraph. Credit towards meeting the sediment reduction shall be given for limiting the duration or area, or both, of land disturbing construction activity, or the appropriate mechanism."

Amend S.10(2)(b) to read "Notwithstanding par. (a), if BMPs cannot be designed and implemented to reduce the <u>maximum sediment discharge to 5 tons per acre per year</u>, the plan shall include a written and site-specific explanation as to why the <u>maximum discharge of 5 tons per acre per year</u> is not attainable and the sediment load shall be reduced to the maximum extent possible."

Amend S.11 (1)(1)(a) to read "The erosion and sediment control plan shall be prepared in accordance with good engineering practices and the design criteria, standards and specifications outlined in the <u>Wisconsin DNR's Stormwater Construction technical standards."</u>

Amend S.11 NOTE to read "Note: the plan requirements of this subsection will meet the plan requirements of Chapter NR 216.46, Wisconsin Admin. Code, when prepared in accordance with good engineering practices and design criteria, standards and specifications outlined in the most recent Wisconsin DNR publication. This is important for municipalities seeking to develop a "Qualifying Local Program" under phase 2 of the federal storm water permit program. Qualifying local programs will also be required to impose, either through this ordinance or a stormwater management ordinance, stormwater management plan requirements consistent with Chapter NR 216.47, Wisconsin Admin. Code."

Amend S.14 (1)(1)(a) to read "By design, maintain, or lower peak runoff discharge rates as compared to pre-settlement (meadow) conditions for the 1-, 2-, 10-, and 100-year, 24 —hour design storms applicable to the site, using the Runoff Curve Numbers designated on Table 1 for the appropriate site soil hydrologic group. If TR-55 methodology is not

used for the hydrologic calculations, the local administering authority must approve an equivalent methodology."

Amend S.14(2)(c)(4)(a) to read "For 1 and 2 family residential developments within a subdivision or plat that is subject to this ordinance effective June 17,2003, a 50 foot buffer from wetlands, except in cases where the administering authority deems a larger buffer is necessary. For high quality wetlands such as sedge meadows, open and coniferous bogs, low prairies, calcareous fens, coniferous swamps, lowland hardwood swamps, and ephemeral ponds, a setback of 75 feet."

Amend S.15 (1) to read "PERMIT REQUIRED. No land owner or land operator may undertake a land development or land redevelopment activity subject to his ordinance without receiving a permit from the administering authority prior to commencing the proposed activity. A permit shall be required for land development or redevelopment which increases impervious greater than 3000 square feet. The total area of impervious surfaces shall be considered within the area of the parcel(s). Land development activities generally fall into the following categories: commercial, industrial, platted subdivisions, or single lot activities. Stormwater plans for commercial, industrial, subdivisions, will require more detailed information generally provided by an engineer whereas, single lot activities normally will require non-engineered plans. Minor land development activities such as the construction of a fence, minor landscaping, or construction of minor structures (10x10 or smaller) may be considered exempt from permit requirements if the administering authority determines that no, or very minimal, adverse impacts will result. The determination of impact shall be based, without limitation, upon criteria such as ponding of water, backing up of water, or a threat to neighboring properties."

Amend S.16 (1)(c)(2) to read "Commutations of peak flow discharge volumes for the 1-year, 2-year, 10-year, and 100-year/24 hour storm events. All major assumptions used in developing input parameters shall be clearly stated. The computations shall be made for each discharge point in the development, and the geographic areas used in making the calculations shall be clearly cross-referenced to the required map(s)."

Amend S.16 (1)(d)(6) to read "Computations of peak flow discharge rates for the 1-year, 2-year, 10-year, and 100-year/24 hour storm events. All major assumptions used in developing input parameters shall be clearly stated. The computations of peak flow discharge rates shall be made for each discharge point in the development, and the geographic areas used in making the calculations shall be clearly cross references to the required map(s)."