

Joint Application Form for Activities Affecting Water Resources in Minnesota

This joint application form is the accepted means for initiating review of proposals that may affect a water resource (wetland, tributary, lake, etc.) in the State of Minnesota under state and federal regulatory programs. Applicants for Minnesota Department of Natural Resources (DNR) Public Waters permits **MUST** use the MPARS online permitting system for submitting applications to the DNR. Applicants can use the information entered into MPARS to substitute for completing parts of this joint application form (see the paragraph on MPARS at the end of the joint application form instructions for additional information). This form is only applicable to the water resource aspects of proposed projects under state and federal regulatory programs; other local applications and approvals may be required. Depending on the nature of the project and the location and type of water resources impacted, multiple authorizations may be required as different regulatory programs have different types of jurisdiction over different types of resources.

Regulatory Review Structure

Federal

The St. Paul District of the U.S. Army Corps of Engineers (Corps) is the federal agency that regulates discharges of dredged or fill material into waters of the United States (wetlands, tributaries, lakes, etc.) under Section 404 of the Clean Water Act (CWA) and regulates work in navigable waters under Section 10 of the Rivers and Harbors Act. Applications are assigned to Corps project managers who are responsible for implementing the Corps regulatory program within a particular geographic area.

State

There are three state regulatory programs that regulate activities affecting water resources. The Wetland Conservation Act (WCA) regulates most activities affecting wetlands. It is administered by local government units (LGUs) which can be counties, townships, cities, watershed districts, watershed management organizations or state agencies (on state-owned land). The Minnesota DNR Division of Ecological and Water Resources issues permits for work in specially-designated public waters via the Public Waters Work Permit Program (DNR Public Waters Permits). The Minnesota Pollution Control Agency (MPCA) under Section 401 of the Clean Water Act certifies that discharges of dredged or fill material authorized by a federal permit or license comply with state water quality standards. One or more of these regulatory programs may be applicable to any one project.

Required Information

Prior to submitting an application, applicants are **strongly encouraged** to seek input from the Corps Project Manager and LGU staff to identify regulatory issues and required application materials for their proposed project. Project proponents can request a pre-application consultation with the Corps and LGU to discuss their proposed project by providing the information required in Sections 1 through 5 of this joint application form to facilitate a meaningful discussion about their project. Many LGUs provide a venue (such as regularly scheduled technical evaluation panel meetings) for potential applicants to discuss their projects with multiple agencies prior to submitting an application. Contact information is provided below.

The following bullets outline the information generally required for several common types of determinations/authorizations.

- For delineation approvals and/or jurisdictional determinations, submit Parts 1, 2 and 5, and Attachment A.
- For activities involving CWA/WCA exemptions, WCA no-loss determinations, and activities not requiring mitigation, submit Parts 1 through 5, and Attachment B.
- For activities requiring compensatory mitigation/replacement plan, submit Parts 1 thru 5, and Attachments C and D.
- For local road authority activities that qualify for the state's local road wetland replacement program, submit Parts 1 through 5, and Attachments C, D (if applicable), and E to both the Corps and the LGU.

Submission Instructions

Send the completed joint application form and all required attachments to:

U.S Army Corps of Engineers. Applications may be sent directly to the appropriate Corps Office. For a current listing of areas of responsibilities and contact information, visit the St. Paul District's website at:

<http://www.mvp.usace.army.mil/Missions/Regulatory.aspx> and select "Minnesota" from the contact Information box.

Alternatively, applications may be sent directly to the St. Paul District Headquarters and the Corps will forward them to the appropriate field office.

Section 401 Water Quality Certification: Applicants do not need to submit the joint application form to the MPCA unless specifically requested. The MPCA will request a copy of the completed joint application form directly from an applicant when they determine an individual 401 water quality certification is required for a proposed project.

Wetland Conservation Act Local Government Unit: Send to the appropriate Local Government Unit. If necessary, contact your county Soil and Water Conservation District (SWCD) office or visit the Board of Water and Soil Resources (BWSR) web site (www.bwsr.state.mn.us) to determine the appropriate LGU.

DNR Public Waters Permitting: In 2014 the DNR will begin using the Minnesota DNR Permitting and Reporting System (MPARS) for submission of Public Waters permit applications (<https://webapps11.dnr.state.mn.us/mpars/public/authentication/login>). Applicants for Public Waters permits **MUST** use the MPARS online permitting system for submitting applications to the DNR. To avoid duplication and to streamline the application process among the various resource agencies, applicants can use the information entered into MPARS to substitute for completing parts of this joint application form. The MPARS print/save function will provide the applicant with a copy of the Public Waters permit application which, at a minimum, will satisfy Parts one and two of this joint application. For certain types of activities, the MPARS application may also provide all of the necessary information required under Parts three and four of the joint application. However, it is the responsibility of the Applicant to make sure that the joint application contains all of the required information, including identification of all aquatic resources impacted by the project (see Part four of the joint application). After confirming that the MPARS application contains all of the required information in Parts one and two the Applicant may attach a copy to the joint application and fill in any missing information in the remainder of the joint application.

PART ONE: Applicant Information

If applicant is an entity (company, government entity, partnership, etc.), an authorized contact person must be identified. If the applicant is using an agent (consultant, lawyer, or other third party) and has authorized them to act on their behalf, the agent's contact information must also be provided.

Applicant/Landowner Name: Randy, Julie Pikus

Mailing Address: 10733 308th Ave. Princeton, MN. 55371

Phone: 612-802-7157

E-mail Address: randypikus@live.com

Authorized Contact (do not complete if same as above):

Mailing Address:

Phone:

E-mail Address:

Agent Name:

Mailing Address:

Phone:

E-mail Address:

PART TWO: Site Location Information

County: Aitkin

City/Township: Hill City

Parcel ID and/or Address: 57-1-072700

Legal Description (Section, Township, Range): 14, 52, 26

Lat/Long (decimal degrees):

Attach a map showing the location of the site in relation to local streets, roads, highways.

Approximate size of site (acres) or if a linear project, length (feet):

If you know that your proposal will require an individual Permit from the U.S. Army Corps of Engineers, you must provide the names and addresses of all property owners adjacent to the project site. This information may be provided by attaching a list to your application or by using block 25 of the Application for Department of the Army permit which can be obtained at:

http://www.mvp.usace.army.mil/Portals/57/docs/regulatory/RegulatoryDocs/engform_4345_2012oct.pdf

PART THREE: General Project/Site Information

If this application is related to a delineation approval, exemption determination, jurisdictional determination, or other correspondence submitted *prior to* this application then describe that here and provide the Corps of Engineers project number.

Describe the project that is being proposed, the project purpose and need, and schedule for implementation and completion. The project description must fully describe the nature and scope of the proposed activity including a description of all project elements that effect aquatic resources (wetland, lake, tributary, etc.) and must also include plans and cross section or profile drawings showing the location, character, and dimensions of all proposed activities and aquatic resource impacts.

PART FOUR: Aquatic Resource Impact¹ Summary

If your proposed project involves a direct or indirect impact to an aquatic resource (wetland, lake, tributary, etc.) identify each impact in the table below. Include all anticipated impacts, including those expected to be temporary. Attach an overhead view map, aerial photo, and/or drawing showing all of the aquatic resources in the project area and the location(s) of the proposed impacts. Label each aquatic resource on the map with a reference number or letter and identify the impacts in the following table.

Aquatic Resource ID (as noted on overhead view)	Aquatic Resource Type (wetland, lake, tributary etc.)	Type of Impact (fill, excavate, drain, or remove vegetation)	Duration of Impact Permanent (P) or Temporary (T) ¹	Size of Impact ²	Overall Size of Aquatic Resource ³	Existing Plant Community Type(s) in Impact Area ⁴	County, Major Watershed #, and Bank Service Area # of Impact Area ⁵
	wetland	fill	(P)	.032 acres		sedge meadow	watershed # 9 bank service area 5

¹If impacts are temporary; enter the duration of the impacts in days next to the "T". For example, a project with a temporary access fill that would be removed after 220 days would be entered "T (220)".

²Impacts less than 0.01 acre should be reported in square feet. Impacts 0.01 acre or greater should be reported as acres and rounded to the nearest 0.01 acre. Tributary impacts must be reported in linear feet of impact and an area of impact by indicating first the linear feet of impact along the flowline of the stream followed by the area impact in parentheses). For example, a project that impacts 50 feet of a stream that is 6 feet wide would be reported as 50 ft (300 square feet).

³This is generally only applicable if you are applying for a de minimis exemption under MN Rules 8420.0420 Subp. 8, otherwise enter "N/A".

⁴Use *Wetland Plants and Plant Community Types of Minnesota and Wisconsin* 3rd Ed. as modified in MN Rules 8420.0405 Subp. 2.

⁵Refer to Major Watershed and Bank Service Area maps in MN Rules 8420.0522 Subp. 7.

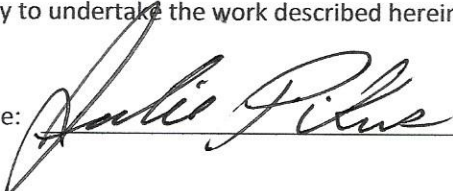
If any of the above identified impacts have already occurred, identify which impacts they are and the circumstances associated with each:

PART FIVE: Applicant Signature

Check here if you are requesting a pre-application consultation with the Corps and LGU based on the information you have provided. Regulatory entities will not initiate a formal application review if this box is checked.

By signature below, I attest that the information in this application is complete and accurate. I further attest that I possess the authority to undertake the work described herein.

Signature: _____



Date: 1-27-2023

I hereby authorize _____ to act on my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this application.

¹ The term "impact" as used in this joint application form is a generic term used for disclosure purposes to identify activities that may require approval from one or more regulatory agencies. For purposes of this form it is not meant to indicate whether or not those activities may require mitigation/replacement.

Attachment C

Avoidance and Minimization

Project Purpose, Need, and Requirements. Clearly state the purpose of your project and need for your project. Also include a description of any specific requirements of the project as they relate to project location, project footprint, water management, and any other applicable requirements. Attach an overhead plan sheet showing all relevant features of the project (buildings, roads, etc.), aquatic resource features (impact areas noted) and construction details (grading plans, storm water management plans, etc.), referencing these as necessary: *The plan is to put in a driveway to access the upland part of our property. Without the driveway it is very difficult to access and enjoy the beauty of the property and the lake. We would be filling the area but would install a 8" culvert to prevent any kind of water backup. (see location on drawing)*

Avoidance. Both the CWA and the WCA require that impacts to aquatic resources be avoided if practicable alternatives exist. Clearly describe all on-site measures considered to avoid impacts to aquatic resources and discuss at least two project alternatives that avoid all impacts to aquatic resources on the site. These alternatives may include alternative site plans, alternate sites, and/or not doing the project. Alternatives should be feasible and prudent (see MN Rules 8420.0520 Subp. 2 C). Applicants are encouraged to attach drawings and plans to support their analysis:

1- Of course not doing the project would avoid impact completely. 2- We originally planned to put a driveway in from the west side of the property but by changing direction and coming in on the south side we are able to reduce from .066 to .032 acres of impact

Minimization. Both the CWA and the WCA require that all unavoidable impacts to aquatic resources be minimized to the greatest extent practicable. Discuss all features of the proposed project that have been modified to minimize the impacts to water resources (see MN Rules 8420.0520 Subp. 4): *We are purposing a 14 ft. wide base and a 10 ft drive surface which is about half of the original proposed project*

Off-Site Alternatives. An off-site alternatives analysis is not required for all permit applications. If you know that your proposal will require an individual permit (standard permit or letter of permission) from the U.S. Army Corps of Engineers, you may be required to provide an off-site alternatives analysis. The alternatives analysis is not required for a complete application but must be provided during the review process in order for the Corps to complete the evaluation of your application and reach a final decision. Applicants with questions about when an off-site alternatives analysis is required should contact their Corps Project Manager.

Attachment D Replacement/Compensatory Mitigation

Complete this part *if* your application involves wetland replacement/compensatory mitigation not associated with the local road wetland replacement program. Applicants should consult Corps mitigation guidelines and WCA rules for requirements.

Replacement/Compensatory Mitigation via Wetland Banking. Complete this section if you are proposing to use credits from an existing wetland bank (with an account number in the State wetland banking system) for all or part of your replacement/compensatory mitigation requirements.

Wetland Bank Account #	County	Major Watershed #	Bank Service Area #	Credit Type (if applicable)	Number of Credits
1485	Aitkin	9	5	2	.032

Applicants should attach documentation indicating that they have contacted the wetland bank account owner and reached at least a tentative agreement to utilize the identified credits for the project. This documentation could be a signed purchase agreement, signed application for withdrawal of credits or some other correspondence indicating an agreement between the applicant and the bank owner. *However, applicants are advised not to enter into a binding agreement to purchase credits until the mitigation plan is approved by the Corps and LGU.*

Project-Specific Replacement/Permittee Responsible Mitigation. Complete this section if you are proposing to pursue actions (restoration, creation, preservation, etc.) to generate wetland replacement/compensatory mitigation credits for this proposed project.

WCA Action Eligible for Credit ¹	Corps Mitigation Compensation Technique ²	Acres	Credit % Requested	Credits Anticipated ³	County	Major Watershed #	Bank Service Area #

¹Refer to the name and subpart number in MN Rule 8420.0526.

²Refer to the technique listed in *St. Paul District Policy for Wetland Compensatory Mitigation in Minnesota*.

³If WCA and Corps crediting differs, then enter both numbers and distinguish which is Corps and which is WCA.

Explain how each proposed action or technique will be completed (e.g. wetland hydrology will be restored by breaking the tile.....) and how the proposal meets the crediting criteria associated with it. Applicants should refer to the Corps mitigation policy language, WCA rule language, and all associated Corps and WCA guidance related to the action or technique:

Attach a site location map, soils map, recent aerial photograph, and any other maps to show the location and other relevant features of each wetland replacement/mitigation site. Discuss in detail existing vegetation, existing landscape features, land use (on and surrounding the site), existing soils, drainage systems (if present), and water sources and movement. Include a topographic map showing key features related to hydrology and water flow (inlets, outlets, ditches, pumps, etc.):

Project Name and/or Number:

Attach a map of the existing aquatic resources, associated delineation report, and any documentation of regulatory review or approval. Discuss as necessary:

For actions involving construction activities, attach construction plans and specifications with all relevant details. Discuss and provide documentation of a hydrologic and hydraulic analysis of the site to define existing conditions, predict project outcomes, identify specific project performance standards and avoid adverse offsite impacts. Plans and specifications should be prepared by a licensed engineer following standard engineering practices. Discuss anticipated construction sequence and timing:

For projects involving vegetation restoration, provide a vegetation establishment plan that includes information on site preparation, seed mixes and plant materials, seeding/planting plan (attach seeding/planting zone map), planting/seeding methods, vegetation maintenance, and an anticipated schedule of activities:

For projects involving construction or vegetation restoration, identify and discuss goals and specific outcomes that can be determined for credit allocation. Provide a proposed credit allocation table tied to outcomes:

Provide a five-year monitoring plan to address project outcomes and credit allocation:

Discuss and provide evidence of ownership or rights to conduct wetland replacement/mitigation on each site:

Quantify all proposed wetland credits and compare to wetland impacts to identify a proposed wetland replacement ratio. Discuss how this replacement ratio is consistent with Corps and WCA requirements:

By signature below, the applicant attests to the following (only required if application involves project-specific/permittee responsible replacement):

- All proposed replacement wetlands were not:
 - Previously restored or created under a prior approved replacement plan or permit
 - Drained or filled under an exemption during the previous 10 years
 - Restored with financial assistance from public conservation programs
 - Restored using private funds, other than landowner funds, unless the funds are paid back with interest to the individual or organization that funded the restoration and the individual or organization notifies the local government unit in writing that the restored wetland may be considered for replacement.
- The wetland will be replaced before or concurrent with the actual draining or filling of a wetland.
- An irrevocable bank letter of credit, performance bond, or other acceptable security will be provided to guarantee successful completion of the wetland replacement.
- Within 30 days of either receiving approval of this application or beginning work on the project, I will record the Declaration of Restrictions and Covenants on the deed for the property on which the replacement wetland(s) will be located and submit proof of such recording to the LGU and the Corps.

Applicant or Representative:

Title:

Signature: _____

Date:



Credit Withdrawal Form

Minnesota Wetland Bank Program

(Incomplete forms may be returned unprocessed)

1. Credit User		<i>This space for BWSR use only.</i>
Name: Randy Pikus	Organization/Company (if any):	
Address: 10733 308 th Ave Princeton MN 55371	Phone: 612-802-7159	
	E-mail: randypikus@live.com	
If others should receive withdrawal verification email please include their email below (e.g., Consultants, partners, etc.):		

2. Wetland Impact Information			
Project Name: Driveway		Project Type: Other	Acres of Impact: .032
County: Aitkin		Major Watershed/BSA: 9 / 5	
Sec/Twp/Range: (Proj. Center) Sec. 1 T. 52 R. 26	UTM Coordinates:	Majority Impact Wetland Type: 2 - Wet Meadow	Majority HGM Class: Mineral Flat
Corps of Engineers Letter/Email Received? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, Corps File No.: (e.g. 2021-00101-ABC) MVP-2022-1884-KAL	If Yes, is Corps Replacement Required? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
Comments:			

3. Credits to be Withdrawn				
Bank Account No.: 1485	Bank County: Aitkin	Bank BSA: 5		
Credit Subgroup	Wetland Type/Plant Community Type	Federally Approved?	Cost per Credit	Credit Amounts
B	2 - Sedge Meadow	Yes	\$19602	0.0320
---Select---	---Select---	---Select---	\$	
---Select---	---Select---	---Select---	\$	
---Select---	---Select---	---Select---	\$	
---Select---	---Select---	---Select---	\$	
Per Credit Withdrawal Fee by BSA		Enter Bank Account's BSA Withdrawal Fee:		Total Credits: 0.0320
BSA 1 \$520	BSA 6 \$1,083	\$685.00	<i>(Withdrawal Fee X total credits)</i>	
BSA 2 \$371	BSA 7 \$1,992	Withdrawal Fee: \$21.92		
BSA 3 \$725	BSA 8 \$2,577	<i>(Easement Stewardship fee x total credits)</i>		
BSA 4 \$1,412	BSA 9 \$2,628	\$302	Stewardship Fee: \$9.66	
BSA 5 \$685	BSA 10 \$3,099	Total Fees: \$31.58		

Please make checks payable to the Minnesota Board of Water and Soil Resources. BWSR does not accept cash.

Project Name:	Driveway
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4. Government Authorization (Must include LGU/Agency contact information)

By signing below, the identified agency and authorized representative hereby certify their approval, or authorization, of wetland credits identified in Box 3 as replacement, or mitigation, for wetland impacts identified in Box 2.

WCA Replacement Plan Approval

WCA LGU: Aitkin County

LGU Representative: Henry Egland

Email Address:

henry.egland@co.aitkin.mn.us



1-27-23

Signature

Date

Non-WCA Government Authorizations (e.g. DNR, NRCS, etc.)

Agency:

Representative:

Email Address:

Signature

Date

5. Credit User Signature

By signing below the proposed credit user attests that they have purchased, or own, the credits identified above and have received approval from the authority(ies) above.

Signature

Date

6. Account Holder Signature (Must include seller/manager contact information)

By signing below the seller and account holder of the aforementioned credits in the State of Minnesota Wetland Mitigation Bank, certify that:

- 1) The credits described in this transaction form have been sold to the credit user or will be used for my own project;
- 2) I have received full payment from the user (if applicable);
- 3) The credits described in this transaction form have not been sold or used in any way to mitigate wetland losses other than for the project and location identified in the wetland impact information block on the previous page;
- 4) The credits described in this application are to be withdrawn from my account; and
- 5) My account will not have a negative balance after the credits are debited.

Seller/Manager:

Email Address:

Signature

Date

SEND COMPLETE FORMS AND FEE PAYMENTS TO:

Wetland Bank Administration
 Minnesota Board of Water and Soil Resources
 520 Lafayette Road North
 Saint Paul, MN 55155

**PURCHASE AGREEMENT
FOR
WETLAND BANKING CREDITS**

THIS PURCHASE AGREEMENT is made this 27 day of January, 2023 between the Aitkin County Highway Department (Seller) and Randy Pikus.

1. Seller agrees to sell to Buyer and Buyer agrees to buy from Seller, the wetland banking credits (Credits) listed below:

CREDITS TO BE SOLD					
Credit Sub-Group ¹	Wetland Circ. 39 Type ²	Plant Community Type ³	Acres	Cost per acre	Cost Estimate
B	2	Sedge Meadow	.032	\$19,602.00	627.26
Totals				\$19,602.00	627.26

Check here if additional credit sub-groups are part of this account and are listed on an attachment to this document.

¹A separate credit sub-group shall be established for each wetland or wetland area that has different wetland characteristics.

²Circular 39 types: 1, 1L, 2, 3, 4, 5, 6, 7, 8, B, U.

³**Wetland plant community type:** shallow open water, deep marsh, shallow marsh, sedge meadow, fresh meadow, wet to wet-mesic prairie, calcareous fen, open bog or coniferous bog, shrub-carr/alder thicket, hardwood swamp or coniferous swamp, floodplain forest, seasonally flooded basin. See *Wetland Plants and Plant Communities of Minnesota and Wisconsin (Eggers and Reed, 1997)* as modified by the Board of Water and Soil Resources, United States Army Corps of Engineers..

Withdrawal/Stewardship Fee	
Total Acres of Credits to Be Sold*	0.032
BWSR Withdrawal Fee of \$685 per Credit (acre) ^	21.92
BWSR Easement Stewardship Fee of \$302 per Credit (acre) `	9.66
Total Fee	\$31.58

* Square Feet to Acre Conversion Factor = 1/43,560
 ^Based on BWSR Withdrawal Fee Schedule for Bank Service Area (BSA) 5
 `Based on BWSR Easement Stewardship Fee

2. Seller represents and warrants as follows:
- a) The US Army Corps of Engineers (USACE) approved Wetland Credits are deposited in an account (1485) in the Minnesota Wetland Bank administered by the Minnesota Board of Water and Soil Resources pursuant to Minn. Rules Chapter 8420.0700-.0760.
 - b) Seller owns the Credits and has the right to sell the Credits to Buyer.

3. Buyer will pay Seller a total of \$ 627.26 for the Wetland Banking Credits payable to Aitkin County AND Buyer also agrees to pay the BWSR Withdrawal Fee of \$ 21.92 & the BWSR Easement Stewardship Fee of \$ 9.66 for a total of \$ 31.58 payable to the Minnesota Board of Water and Soil Resources (BWSR). Both payments shall be submitted to Aitkin County – 1211 Airpark Drive – Aitkin, MN 56431. The check made payable to the Minnesota Board of Water and Soil Resources will be forwarded to BWSR by Aitkin County with the finalized Transaction Form document.
4. The Closing Date of the purchase and sale shall occur on or before June 27, 2023. Beyond this date this agreement will no longer be valid. In addition, this Purchase Agreement must be signed by both parties to be valid, otherwise the Seller will not reserve the above referenced Wetland Credits for the Buyer if this Purchase Agreement is not signed.
5. Buyer has applied or will apply to the Local Governmental Unit (LGU (or other regulatory authority)) for approval of a replacement plan utilizing the above listed Wetland Credits as the means of replacing impacted wetlands. Upon payment of the purchase price, Seller will sign a fully executed Transaction Form to Withdraw Credits as specified by BWSR, provide a copy of the signed Transaction Form to Withdraw Credits to the Buyer and forward the same to BWSR along with the payment for the Withdrawal/Stewardship Fees.
6. If the LGU does not approve the Buyer's application for a replacement plan utilizing these Credits by the Closing Date, and no extension of the Closing Date has been agreed to, this Agreement will be cancelled and neither Buyer nor Seller shall have any further obligations under this Agreement.

RANDY PIKUS
(Name of Buyer)

Dave Banta

27 Jan 2023

(Signature of Seller)

(Date)

[Handwritten Signature] 1-27-23
(Signature of Buyer) (Date)

Search by Parcel ID or Address



STATE HWY 200 E 200

57-1-072501

57-1-072702

57-1-072700

57-1-072701

FOREST AVE SE

- OUTLINE OF OUR PROPERTY

- GREEN SHADED AREA IS OUR PROPOSED DRIVEWAY

0.088 ACRES

CONVERT

024000
111128

416

23



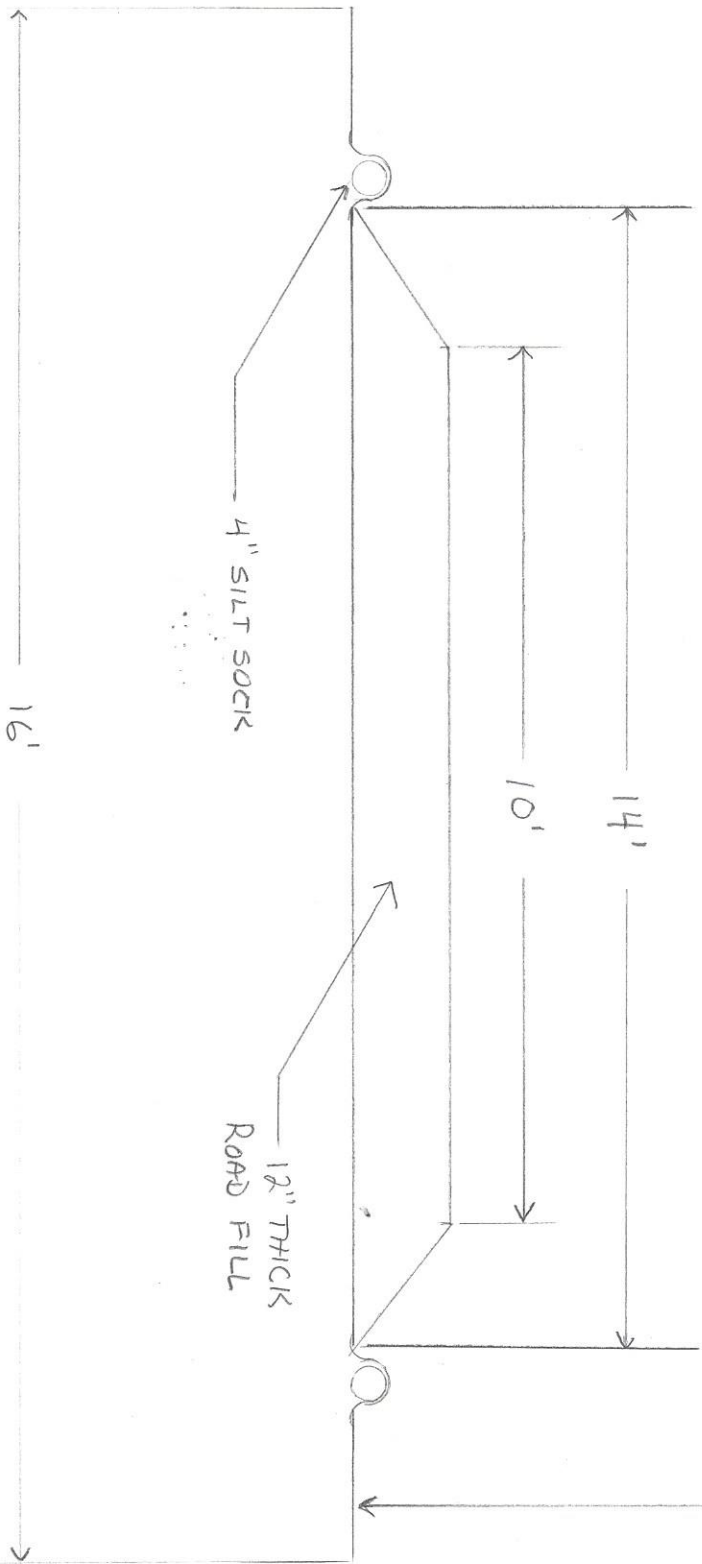
PIKUS PROJECT
HILL CITY



8' DOME WALL CULVERT
HAS LOAD RANGE (8000LB
PER WHEEL)

17.5 FEET WIDE

4 OZ WOVEN DRIVEWAY AND ROAD UNDERLAYMENT



4\" SILT SOCK

12\" THICK
ROAD FILL

16'

14'

10'

Here are the revised drawings, impact's and wetland credit forms the committee asked for.....

Coming through the south side of our property will change the wetland impact from .066 to .032 which is less then $\frac{1}{2}$ the original purposed project.

I believe this is everything that was asked for, if there is anything else please let me know as soon as possible.

Thank you

Randy



RECEIVED NOV 18 2004

TRANSMITTAL

3701 12th Street North
Suite 206
St. Cloud, MN 56303

Phone: 320-253-9495
Fax: 320-253-8737
Toll free: 1-800-270-9495
E-mail wps@westwoodps.com

ST. CLOUD

TWIN CITIES/METRO

BRAINERD

Date: November 17, 2004

To: Becky Souder
Aitkin County Environmental Services
209 2nd Street NW
Aitkin, MN 56431

From: Matt Vollbrecht *mcv*

Regarding: Willette Delineation

Proj. No.: 20045185.00

Items:	No	Description
	1	Wetland Delineation Report

Purpose: For your approval

Remarks: Please find enclosed the Wetland Delineation Report for the Willette Property, located in Section 14, T52N, R26W, City of Hill City, Aitkin County, Minnesota. Westwood Professional Services requests you review the Wetland Delineation Report and make a Wetland Boundary Determination in accordance with Minnesota Rules 8420.0225-Wetland Boundary or Type Determinations. If you have any questions or would like to schedule a field review or a TEP meeting please contact me at (320) 253-9495.
Thank You,
Matthew Vollbrecht, Environmental Scientist

Delivery: Mail

Copy to: Mr. Mark Willette, 3521 Woodhill Lane, Watertown, MN 55388

AITKIN COUNTY ENVIRONMENTAL SERVICES-PLANNING & ZONING

209 Second Street, NW
Aitkin, Minnesota 56431

PH: (218) 927-7342
FX: (218) 927-4372



December 8, 2004

RE: Wetland Delineation Report

Matt Vollbrecht
Westwood Professional Services, Inc.
3701 12th Street North, Suite 206
St. Cloud, MN 56303

Dear Mr. Vollbrecht:

A wetland delineation report for Mr. Mark Willette was submitted to our office from your company. As the Wetland Specialist, I reviewed the delineation to determine if there are any areas that need further discussion or if adjustments to the line need to be made.

You did an excellent job done of determining wetland boundaries. I found no areas where I would require additional data to confirm the lines, and, therefore approve the delineation report.

Please call me should you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Becky Soyde".

Becky Soyde
Wetland Specialist/Compliance Officer
Aitkin County

Cc: Steve Hughes, SWCD
Mark Willette, Landowner

A handwritten word "file" in cursive script, located in the bottom right corner of the page.

WETLAND DELINEATION REPORT

*Willette Property
City of Hill City, Aitkin County, Minnesota*

November 17, 2004

CONTENTS

WETLAND DELINEATION NARRATIVE

- Wetland Delineation Results
- Wetland Classification Systems Table

EXHIBITS

1. Site Location and USGS Topography
2. National Wetlands Inventory Mapping
3. Digital Soils Mapping
4. Wetland Boundary Map

WETLAND DELINEATION DATA FORMS

REPORT PURPOSE

This report and the attached exhibits and data forms constitute the wetland delineation report for the above referenced site. This delineation report provides the required documentation for wetland boundary determinations in conformance with the Minnesota Wetland Conservation Act of 1991. Westwood requests that Aitkin County Environmental Services, as the Local Governmental Unit (LGU), provide written confirmation that the delineated boundaries shown on the attached Wetland Boundary Map are acceptable for local administration of the Minnesota Wetland Conservation Act.

SITE LOCATION AND DESCRIPTION

The property is located in the a portion of Section 14, T52N, R26W, City of Hill City, Aitkin County, Minnesota (Exhibit 1). This approximately 3-acre parcel consists of one delineated wetland and a small area of upland. Topography on the site slopes to the east towards Hill Lake. The property is bounded by State Highway 200 to the north, Hill Lake to the east, and single-family residences to the south and west. One wetland was delineated on the Willette property, a Type 2 Wet Meadow wetland located across the majority of the property. The property does not currently contain any structures. The upland portion of the property is along an abandoned road bed that runs parallel to Hill Lake in the eastern portion of the property.

WETLAND DELINEATION METHODOLOGY

Westwood Professional Services delineated and flagged one wetland on the property on October 27, 2004 using the *Corps of Engineers Wetlands Delineation Manual* (Environmental Laboratory, Waterways Experiment Station, 1987). The level two routine delineation method was used in which sampling transects were established in a representative transition zone of identified wetlands. Transects consisted of one sampling point in upland and one point in wetland. Soils, vegetation, and hydrology information were recorded for each point on data forms, which are included at the end of this report. Species dominance for vegetation measurements was based on the percent aerial or basal coverage visually estimated within a 30-foot radius for the tree and shrub layers and a five-foot radius for the herbaceous layer within the community type sampled.

Wetlands were classified according to *Wetlands of the United States* (U.S. Fish and Wildlife Service Circular 39; Shaw and Fredine, 1971) and *Wetlands and Deepwater Habitats of the United States* (FWS/OBS Publication 79/31; Cowardin et. al. 1979) (see the Classification Systems Table at the end of this narrative). Common names for vegetation identified in this report and on the attached data forms generally correspond with the nomenclature used in the *National List of Plant Species that Occur in Wetlands: North Central (Region 3)* (USFWS Reed, 1988) and/or *Vascular Plants of Minnesota* (University of Minnesota, Ownbey and Morley 1991).

Prior to delineating the wetland boundaries in the field, Westwood reviewed National Wetlands Inventory (NWI) mapping (USFWS 1991) (Exhibit 2), the *Soil Survey of Aitkin County, Minnesota* (USDA 1996) (Exhibit 3), and the DNR *Public Waters and Wetlands Inventory for Aitkin County* (Minnesota DNR, Draft Digital Data, 2004).

Wetland boundaries were marked using pink “wetland delineation” pin flags, and located using a Trimble ProXR sub-meter accurate GPS unit. The location of wetlands and approximate transect locations are shown on the attached Wetland Boundary Map (Exhibit 4).

RESULTS

Mapping

The Aitkin County Soil Survey indicates the site includes Borosaprists and Fluvaquents, frequently flooded. Both of these two soils are listed as hydric soils in *Hydric Soils of Minnesota (NRCS revised December 1995)* and are indicative of wetland.

One NWI wetland is mapped on the property. A Type 5 Open Water wetland is mapped in the eastern portion of the property. Westwood delineated this wetland as Wetland A and is classified as a Type 2/5 Wet Meadow/Deep Water wetland dominated by lake bank sedge, blue joint reedgrass, wool-grass and red-osier dogwood.

The DNR *Public Waters and Wetlands Inventory* for Aitkin County (Minnesota DNR, Draft Digital Data 2004) indicates the nearest DNR Public Waters, Wetlands or Watercourses on or adjacent to the property is Hill Lake (01-142P). Hill Lake forms the eastern property boundary

for the Willette parcel. The Minnesota DNR website indicates the Ordinary High Water Level (OHWL) for Hill Lake is 1270.9 feet above mean sea level.

Wetland Descriptions

Wetland A is a Type 2 Wet Meadow (PEMB) wetland located across a large portion of the property. Wetland A is not depicted on NWI mapping. Field review indicates the wetland is actually a Type 2 Wet Meadow (PEMB) wetland fringe of Hill Lake. The Soil Survey of Aitkin County maps the Willette property, including the area delineated as Wetland A as Borosaprists and Fluvaquents, frequently flooded. Both of these soils are listed as hydric. Field review indicates that soils within Wetland A exhibit reduced features and are hydric soils.

The wetland sample point had a predominance of wetland vegetation and organic soils. The soils exhibited two secondary hydrological indicators, topographical position and oxidized root channels as well as a primary indicator, saturated soils. All of the three wetland delineation criteria are met at this sample point. Vegetation was dominated by sedge species, wool-grass, blue-joint reedgrass and giant goldenrod. Soils exhibited a black (10YR2/1) mucky loam texture from the surface down to thirty inches with prominent 2.5YR4/6 mottles. Additionally, oxidized root channels were observed and the wetland is located in a well defined depression, both of which also satisfy the hydric soil parameter. Saturation was detected at four inches in the boring within the wetland at the time of delineation.

The upland sample point had a predominance of upland vegetation and non-hydric mineral soils with no evidence of hydrology observed, neither the vegetation nor soils observed satisfy the wetland delineation criteria. Vegetation was dominated by sweet clover and smooth brome. Soils were brown (10YR4/4) with a loamy sand texture from the surface to twenty five inches. Soils from twenty five to thirty two inches were 10YR2/1 mucky loam. No oxidized root channels were observed. This soil does not meet the hydric soil criteria. Saturation was observed in the boring at twenty five inches below the surface.

CONCLUSIONS

Westwood Professional Services delineated and flagged one wetland within the property boundaries. Upland on the property consists of 15,682 square feet (0.36 acre) of abandoned road bed along the central portion of the property (See Exhibit 5). The Aitkin County Soil Survey indicates the site includes Borosaprists and Fluvaquents, frequently flooded. Both of these two soils are listed as hydric soils in *Hydric Soils of Minnesota (NRCS revised December 1995)* and are indicative of wetland. One NWI wetland is mapped on the property. A Type 5 Open Water wetland is mapped in the eastern portion of the property. Westwood delineated this wetland as Wetland A and is classified as a Type 2/5 Wet Meadow/Deep Water wetland dominated by lake bank sedge, blue joint reedgrass, wool-grass and red-osier dogwood. The DNR *Public Waters and Wetlands Inventory* for Aitkin County (Minnesota DNR, Draft Digital Data 2004) indicates the nearest DNR Public Waters, Wetlands or Watercourses on or adjacent to the property is Hill Lake (01-142P). Hill Lake forms the eastern property boundary for the Willette parcel. The Minnesota DNR website indicates the Ordinary High Water Level (OHWL) for Hill Lake is 1270.9 feet above mean sea level.

Westwood requests that Aitkin County Environmental Services, as the Local Governmental Unit (LGU), provide written confirmation that the delineated boundaries shown on the attached Wetland Boundary Map are acceptable for local administration of the Minnesota Wetland Conservation Act. This property is privately owned. This request for wetland boundary confirmation does not constitute permission to access the property without contacting Westwood Professional Services, Inc. or Westwood's Client. Please call me at (320) 253-9495 if you have questions, require additional information, or plan to schedule a field review or TEP (Technical Evaluation Panel) meeting.

Sincerely,

WESTWOOD PROFESSIONAL SERVICES, INC.



Matthew Vollbrecht
Environmental Scientist

Westwood Professional Services, Inc.
WETLAND CLASSIFICATION SYSTEMS

Cowardin Wetland Classification System

Source: *Wetlands and Deepwater Habitats of the United States* (FWS/OBS Publication 79/31; Cowardin et. al. 1979).

System	Symbol	Subsystems	System Specific Classes	Symbology Sample
Lacustrine	L	(1) Limnetic (2) Littoral	RB, UB, AB, OW, RS, US, EM,	<p>SYMBOLGY EXAMPLE</p>
Palustrine	P	None	RB, UB, AB, US, ML, EM, SS, FO, OW	
Riverine	R	(1) Tidal Lower (2) Perennial Upper (3) Perennial (4) Intermittent (5) Unknown Perennial	RB, UB, SB, AB, RS, US, EM, OW	
Classes		Special Modifiers	Water Regimes	
Rock Bottom	RB	b – beaver	A – Temporarily flooded	
Unconsolidated Bottom	UB	d – Partially drained ditched	B – Saturated	
Streambed	SB	f – Farmed	C – Seasonally flooded	
Aquatic Bed	AB	h – diked/impounded	D – Seasonally flooded/well drained	
Rocky Shore	RS	r – artificial substrate	E – Seasonally saturated	
Unconsolidated Shore	US	s – spoil	F – Semi-permanently flooded	
Emergent	EM	x – excavated	G – Intermittently exposed	
Open Water	OW		H – Permanently flooded	
Moss Lichen	ML		J – Intermittently flooded	
Scrub Shrub	SS		K – Artificially flooded	
Forested	FO			

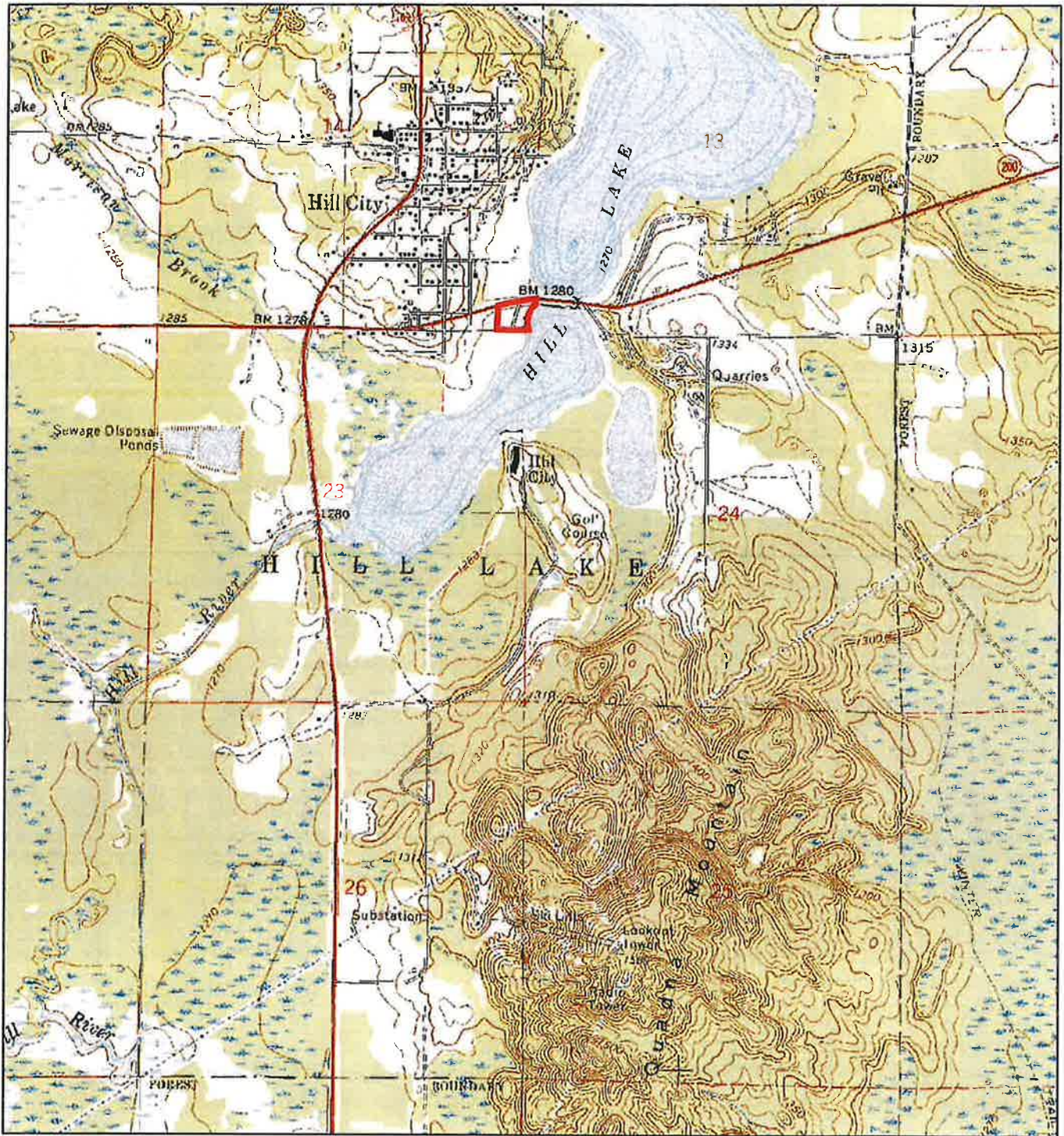
0 – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions

Circular 39 Wetland Classification System

Source: *Wetlands of the United States* (U.S. Fish and Wildlife Service Circular 39; Shaw and Fredine, 1971)

Type and Definition	Approximate Cowardin Equivalents
Type 1: Seasonally flooded basin	PEMA, PFOA, PUS
Type 2: Wet meadow	PEMB
Type 3: Shallow marsh	PEMC, PEMF, PSSH, PUBA, PUBC
Type 4: Deep marsh	L2ABF, L2EMF, L2EMG, L2US, PABF, PABG, PEMG, PEMH, PUBB, PUBF
Type 5: Shallow open water	L1, L2ABG, L2ABH, L2EMA, L2EMB, L2EMH, L2RS, L2UB, PABH, PUBG, PUBH
Type 6: Shrub swamp	PSSA, PSSC, PSSF, PSSG, PSS1, PSS5, PSS6B
Type 7: Wooded swamp	PF01, PF05, PFO6B, PFOC, PFOF
Type 8: Bog	PFO2, PFO4, PFO7B, PSS2, PSS3, PSS4, PSS7B

**EXHIBITS
AND
DATA FORMS**



Data Source(s): USGS DRG Hill City

Legend

 Property Boundary



Date: 11-17-04




Map Document: (P:\20045165\GIS\20045165drg01A.mxd)
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Willette Property

Hill City, Minnesota



Site Location

 Westwood Professional Services, Inc.
3701 12th Street North, Suite 200
St. Cloud, MN 56303
Phone 320-253-9495



Data Source(s): USFWS NWI (1991), USDA FSA Color DOQ (2003)

Legend

-  Property Boundary
-  NWI Mapped Wetland



Date: 11-17-04



Map Document: (P:\20045165\GIS\20045185nw\01A.mxd)
11/17/2004 - 1:57:38 PM

Willette Property

Hill City, Minnesota

**National Wetland
Inventory Mapping**

Exhibit 2

 Westwood Professional Services, Inc.
3701 12th Street North, Suite 206
St. Cloud, MN 56303
Phone 320-253-9495



Data Source(s): USDA NRCS Atkin County Soil Survey (1999), USDA FSA Color DOQ (2003)

Legend

-  Property Boundary
-  Mapped Soil Unit



Date: 11-17-04



Map Document: (P:\20045185\GIS\20045185\ld01A.mxd)
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Willette Property

Hill City, Minnesota

Soil Survey

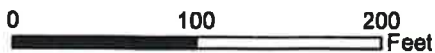
 Westwood Professional Services, Inc.
3701 12th Street North, Suite 208
St. Cloud, MN 56303
Phone 320-253-9495



Data Source(s): USFWS NWI (1991), MnDNR Public Water Mapping (Draft Digital Data 2004)

Legend

-  Property Boundary
-  Mapped Public Water



Date: 11-17-04



Map Document: (P:\20045166\GIS\20045166pw\01A.mxd)
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Willette Property

Hill City, Minnesota

Public Waters Mapping

 Westwood Professional Services, Inc.
3701 12th Street North, Suite 208
St. Cloud, MN 56303
Phone 320-253-9495

Westwood Professional Services, Inc.
WETLAND DELINEATION DATA FORM (ROUTINE DETERMINATION METHOD)

Project Name/Job No.:	Willette Property/20045185.00	Date:	10-27-04
Investigator(s):	Westwood Prof. Services – MCV	City/Twsp & State:	Hill City, MN
Wetland Identification:	Wetland A	County:	Aitkin
Transect Sample Point:	TA-01	Flag Series:	A (Flags 1-14)

VEGETATION

SAMPLE POINT Wet side Up side N/A

Common Name (Dominants ≥ 20 percent)	Scientific Name	Ind. Status	Stratum	% Cover
REEDGRASS, BLUE-JOINT	<i>Calamagrostis canadensis</i>	OBL	H	30
GOLDEN-ROD, GIANT	<i>Solidago gigantea</i>	FACW	H	20
WOOL-GRASS	<i>Scirpus cyperinus</i>	OBL	H	20
SEDGE, UPTIGHT	<i>Carex stricta</i>	OBL	H	10
SEDGE, LAKEBANK	<i>Carex lacustris</i>	OBL	H	10
WILLOW, BEBB	<i>Salix bebbiana</i>	FACW+	S	5
WILLOW, PUSSY	<i>Salix discolor</i>	FACW	S	5
Cowardin Classification/Circular 39 Classification: Type 2 PEMB			% of Dominants FAC or wetter: 100	
Remarks (i.e., overall dominant wetland vegetation and community type): Type 2 Wet Meadow (PEMB) dominated by sedge species, blue-joint reedgrass and wool-grass.				

SAMPLE POINT Wet side Up side N/A

Common Name (Dominants ≥ 20 percent)	Scientific Name	Ind. Status	Stratum	% Cover
SWEETCLOVER, WHITE	<i>Melilotus alba</i>	FACU	H	40
BROME, SMOOTH	<i>Bromus inermis</i>	UPL	H	20
CLOVER, RED	<i>Trifolium pratense</i>	FACU+	H	20
DANDELION, COMMON	<i>Taraxacum officinale</i>	FACU	H	10
Cowardin Classification/Circular 39 Classification: N/A			% of Dominants FAC or wetter:	
Remarks (i.e., overall dominant wetland vegetation and community type): Upland abandoned roadbed dominated by smooth brome and sweetclover.				

HYDROLOGY

SAMPLE POINT Wet side Up side N/A

Primary Hydrology Indicators	Secondary Hydrology Indicators (2 required)	*Wetland Hydrology Present?
Inundated, Depth (in)	Oxidized Root Channels	<input checked="" type="checkbox"/> Yes
4.0 Saturated, Depth (in)	Water-Stained Leaves	<input type="checkbox"/> No
5.0 Water in borehole, Depth (in)	Mapped Hydric Soil, Depression	<input type="checkbox"/> Assumed
Water Marks, Height (in)	FAC-Neutral Test	<input type="checkbox"/> Undetermined
Drift Lines	Topographic Position	
Sediment Deposits	Other - Explain:	
Flattened Vegetation	*Remarks:	
Drainage Patterns		

SAMPLE POINT Wet side Up side N/A

Primary Hydrology Indicators	Secondary Hydrology Indicators (2 required)	*Wetland Hydrology Present?
Inundated, Depth (in)	Oxidized Root Channels	<input type="checkbox"/> Yes
25.0 Saturated, Depth (in)	Water-Stained Leaves	<input checked="" type="checkbox"/> No
27.0 Water in borehole, Depth (in)	Mapped Hydric Soil, Depression	<input type="checkbox"/> Assumed
Water Marks, Height (in)	FAC-Neutral Test	<input type="checkbox"/> Undetermined
Drift Lines	Topographic Position	
Sediment Deposits	Other - Explain:	
Flattened Vegetation	*Remarks:	
Drainage Patterns		

Westwood Professional Services, Inc.
WETLAND DELINEATION DATA FORM (ROUTINE DETERMINATION METHOD)

Project Name:	<u>Willetta Property</u>	Job No.:	<u>20045185.00</u>
Wetland Identification:	<u>Wetland A</u>	Transect Sample Point:	<u>TA-01</u>

SOILS

Field Indicators of Hydric Soils (Midwest Region) USDA, March 1998. (A = all soils, S = sandy soils, F = loamy & clayey soils)			
A1. Histosol	A9,10. 1-2 cm Muck	S6. Stripped Matrix	F5. Thick Dark Surface
A2. Histic Epipedon	S1. Sandy Mucky Material	<input checked="" type="checkbox"/> F1. Loamy Mucky Material	F6. Redox Dark Surface
A3. Black Histic	S3. Mucky Peat/Peat	F2. Loamy Gleyed Matrix	F7. Depleted Dark Surface
A4. Hydrogen Sulfide	S4. Sandy Gleyed Matrix	F3. Depleted Matrix	F8. Redox Depressions
A5. Stratified Layers	S5. Sandy Redox	F4. Depleted Below Dark Surface	

Mottle Size = Fine(F): <5mm, Medium(M): 5-10mm, Coarse(C): >15mm; Mottle Abundance = Few(F): <2% of exposed surface, Common(C): 2-20% of exposed surface, Many(M): >20% of exposed surface; Mottle Contrast = Faint(F): closely related hues and chromas, Distinct(D): differ by 1 to 2 hues and several units in chroma and value, Prominent(P): vary several units in hue, value, and chroma

SAMPLE POINT Wet side Up side N/A Mapped Soil Type

Depth (inches)	Horizon	Matrix Color (Munsell Color)	Mottle Color (Munsell Color)	Mottle Size/Abundance/Contrast			Texture
0-30	O	10YR2/1	10YR5/8	F	F	F	Mucky loam

Remarks (i.e., meets which field indicator?): F1. Loamy Mucky material

SAMPLE POINT Wet side Up side N/A Mapped Soil Type

Depth (inches)	Horizon	Moist Soil Matrix (Munsell Color)	Moist Mottle Matrix (Munsell Color)	Mottle Size/Abundance/Contrast			Texture
0-25	A	10YR4/4	None				Loamy sand (Fill)
25-30	O	10YR2/1	10YR5/8	F	F	F	Mucky loam

Remarks (i.e., meets which field indicator?): N/A, non-hydric soil.

WETLAND DETERMINATION

SAMPLE POINT Wet side Up side N/A

Hydrophytic Vegetation Present?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Does an Atypical Situation Exist?	<input type="checkbox"/> Yes*
Wetland Hydrology Present?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Does an Atypical Situation Exist?	<input type="checkbox"/> Yes*
Hydric Soils Present?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Does an Atypical Situation Exist?	<input type="checkbox"/> Yes*
Is the area a wetland?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	*Has the area been altered sufficiently to render the presence of Hydrophytic Vegetation, Wetland Hydrology, or Hydric Soils not applicable?	
Distance from Wetland Edge	<u>5</u> feet	<u>5</u> feet		

Remarks: (i.e., description of atypical situation)

SAMPLE POINT Wet side Up side N/A

Hydrophytic Vegetation Present?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Does an Atypical Situation Exist?	<input type="checkbox"/> Yes*
Wetland Hydrology Present?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Does an Atypical Situation Exist?	<input type="checkbox"/> Yes*
Hydric Soils Present?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Does an Atypical Situation Exist?	<input type="checkbox"/> Yes*
Is the area a wetland?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	*Has the area been altered sufficiently to render the presence of Hydrophytic Vegetation, Wetland Hydrology, or Hydric Soils not applicable?	
Distance from Wetland Edge	feet	<u>5</u> feet		

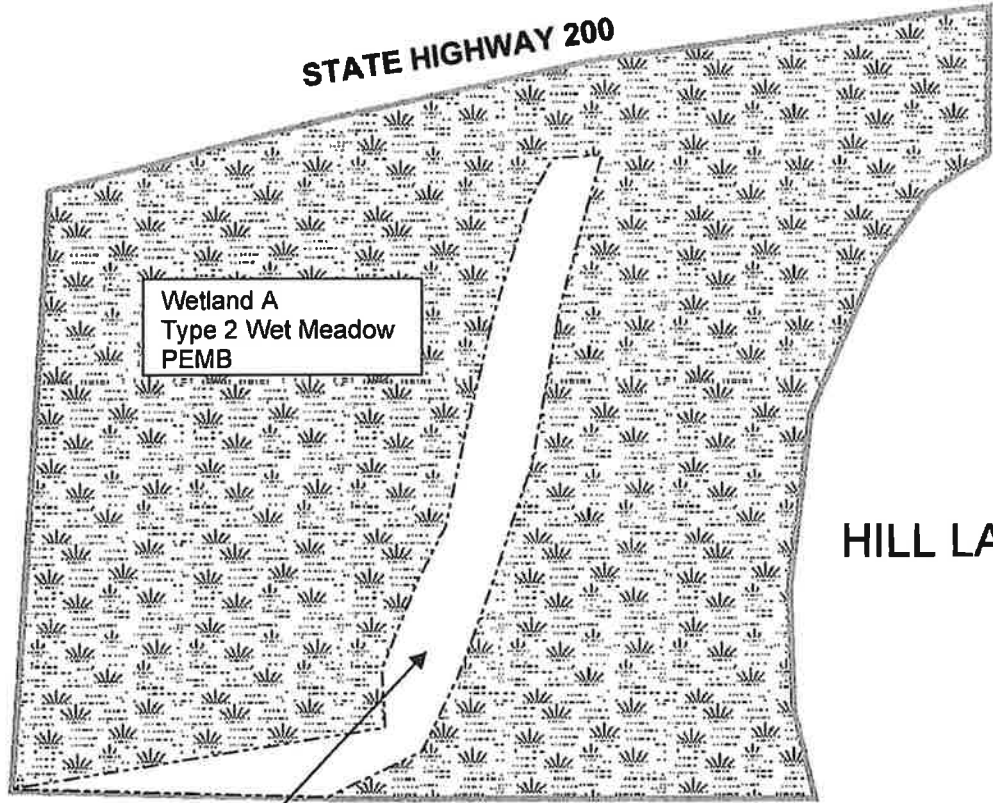
Remarks: (i.e., description of atypical situation)

WETLAND BOUNDARY REMARKS

Wetland boundary set along base of an abandoned road across the wetland area.

Wetland Note:

Westwood Professional Services delineated and flagged one wetland on the property on October 27, 2004 using the *Corps of Engineers Wetlands Delineation Manual* (Environmental Laboratory, Waterways Experiment Station, 1987). The level two routine delineation method was used in which sampling transects were established in a representative transition zone of identified wetlands. Transects consisted of one sampling point in upland and one point in wetland. Soils, vegetation, and hydrology information were recorded for each point on data forms, which are included at the end of this report. Species dominance for vegetation measurements was based on the percent aerial or basal coverage visually estimated within a 30-foot radius for the tree and shrub layers and a five-foot radius for the herbaceous layer within the community type sampled.



Upland Area
0.36 Acre
15,682 square feet

Legend

-  Property Boundary
-  Delineated Wetland
-  Delineated Wetland Boundary

Data Source(s): Westwood Professional Services GPS data (2004)



Date: 11-17-04



Map Document: (P:\20045185\GIS\20045185\wld01A.mxd)
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Willette Property

Hill City, Minnesota

**Wetland Boundary
Map**

Exhibit 5

WETLAND DELINEATION REPORT

Willette Property A Portion of Section 14, T52N, R26W City of Hill City, Aitkin County, Minnesota

NOVEMBER 2004

Local Governmental Unit

Aitkin County Government



Aitkin County Environmental Services
Ms. Becky Soude
209 Second Street NW
Aitkin, MN 56431
Phone: (218) 927-7342
Fax: (218) 927-4372

Prepared for

Mr. Mark Willette
3521 Woodhill Lane
Watertown, MN 55388
Phone: (952) 472-4332
Fax: (952) 472-4383

Prepared by



Westwood Professional Services, Inc.
3701 12th Street North, Suite 206
Saint Cloud, MN 56303
Phone: (320) 253-9495
Fax: (320) 253-8737

Project No. 20045185.00

Minnesota Wetland Conservation Act Technical Evaluation Panel Form

This form can be used to document TEP findings and recommendations related to WCA decisions, determinations, enforcement and pre-application reviews.

Local Government Unit: Aitkin County Planning and Zoning	County: Aitkin
Landowner/Applicant: Randy Pikus	Agent/Representative(s):
Project Name: Pikus Driveway	Project No. (if any):
Project Location: Hill Lake, Aitkin County	

Purpose of TEP Findings/Recommendation - check all that apply and describe

- Pre-application review Application Review (related to WCA Decision)
 Local Government Road Wetland Replacement Program Eligibility WCA Determination Request
 Other (specify):

Describe:

Meeting Type – check all that apply and specify dates as applicable

- In-Person Meeting(s), Date(s): **1/25/22** Electronic Exchanges (email, skype, etc.)
 Onsite Review(s), Date(s): Other (specify):

Findings and Recommendations

Findings:

- Original application dated was for 2875 sq. ft. of impact by a driveway 230 ft long by 12 ft wide
- TEP requested applicant show location of impacts on survey map, consider reduction of impacts over time by implementing erosion control measures, and further minimize impacts by exploring upland route closer to the neighbor.
- Application dated 1/30/23 showed revision that reduced impacts to 1394 sq. ft. of impact by starting driveway closer to upland by a driveway 99.5 ft long by 14 ft wide and flatter side slopes and erosion control measure incorporated.
- TEP Finds revised application dated 1/30/23 adequately addresses sequencing according to MN Rules 8420.0520.

Recommendation:

- TEP recommends revised application dated 1/30/23 be approved.

Attachment(s) (specify):

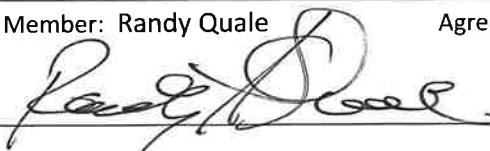
DNR Protected Waters and Shoreland Protection Zone

Will the project/activity affect DNR public waters, DNR public waters wetlands or wetlands within the shoreland protection zone? Yes No If yes, DNR representative is a member of the TEP.

Signatures

LGU TEP Member: Randy Quale Agree with Findings & Recommendations: Yes No

Signature:



Date: 1-31-2023

<input checked="" type="checkbox"/> SWCD TEP Member: Sam Seybold	Agree with Findings & Recommendations: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Signature: <i>Sam Seybold</i>	Date: <i>1/31/2023</i>
<input checked="" type="checkbox"/> BWSR TEP Member: Matt Johnson	Agree with Findings & Recommendations: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Signature: <i>Matthew W. Johnson</i>	Date: 1/31/2023
<input type="checkbox"/> DNR TEP Member:	Agree with Findings & Recommendations: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Signature:	Date: