

Le Sueur County, MN

Thursday, November 10, 2016 Regular session

Item 3

SWCD/Petersen

Staff Contact: Kathy Brockway or Michelle Mettler

TAFF REPORT

GENERAL INFORMATION

APPLICANT: LE SUEUR COUNTY SWCD

OWNER: DEAN & DOREEN PETERSON

911 ADDRESS: 40111 LAKE VOLNEY LANE, LE CENTER MN 56057

PROJECT DESCRIPTION:

Grading, excavating, and filling, of approximately 33 cubic yards of material for the construction of rip rap

located in the shore impact zone in a Recreational Residential "RR" District on a Recreational Development "RD" lake, Lake Volney.

ZONING DISTRICT PURPOSE:

A District, adjacent to Recreational Development (RD) and Natural Environment (NE) lakes, to preserve areas which have natural characteristics suitable for both passive and active recreational usage. Also, it is the intent of this District to manage areas suitable for residential development of varying types, including permanent and seasonal housing. Some non-residential uses with minimal impacts on residential uses may be allowed.

ZONING ORDINANCE SECTIONS: 13.2.18

GOALS AND POLICIES:

Le Sueur County should adopt and enforce land use goals and policies that conserve and restore its natural resources, bring Goal 2: protections to the ecological systems of the natural environment, and prevent the premature development of natural resource

Policy: Utilize shorelands on Recreational Development Lakes (RD) for housing, but with a focus on development design that protects the resource.

Goal 3: Improve water quality in Le Sueur County.

Policy: The County will undertake actions to help protect groundwater as well as surface water features.

SITE INFORMATION

LOCATION:

Lot 2, Elwoods Subdivision, Section 1, Cordova Township.

ZONING:

Recreational Residential "RR"

GENERAL SITE

DESCRIPTION:

Platted Subdivision

ACCESS:

Existing

EXISTING LAND USE WITHIN 1/4 MILE:

North:

Ag Land/Residential

South:

Lake Volney

East:

Residential

West:

Residential

TOWNSHIP BOARD NOTIFICATION

The applicant contacted Harry Mach, Cordova Township Clerk on July 21, 2016.

NATURAL RESOURCES INFORMATION

SHORELAND: The proposal is located within the Shoreland District.

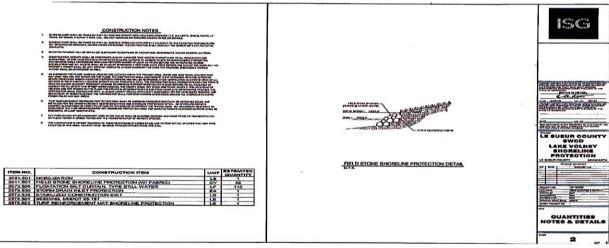
WETLANDS: According to the National Wetlands Inventory, Type 1-3 wetlands located in the quarter-quarter section where the

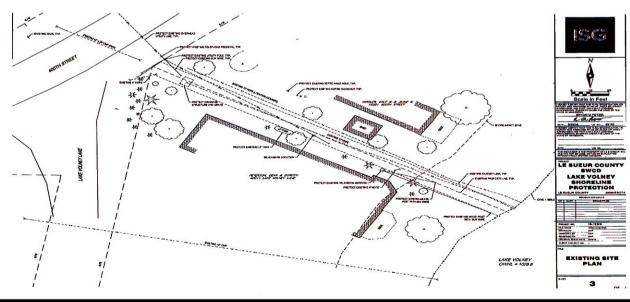
project is proposed.

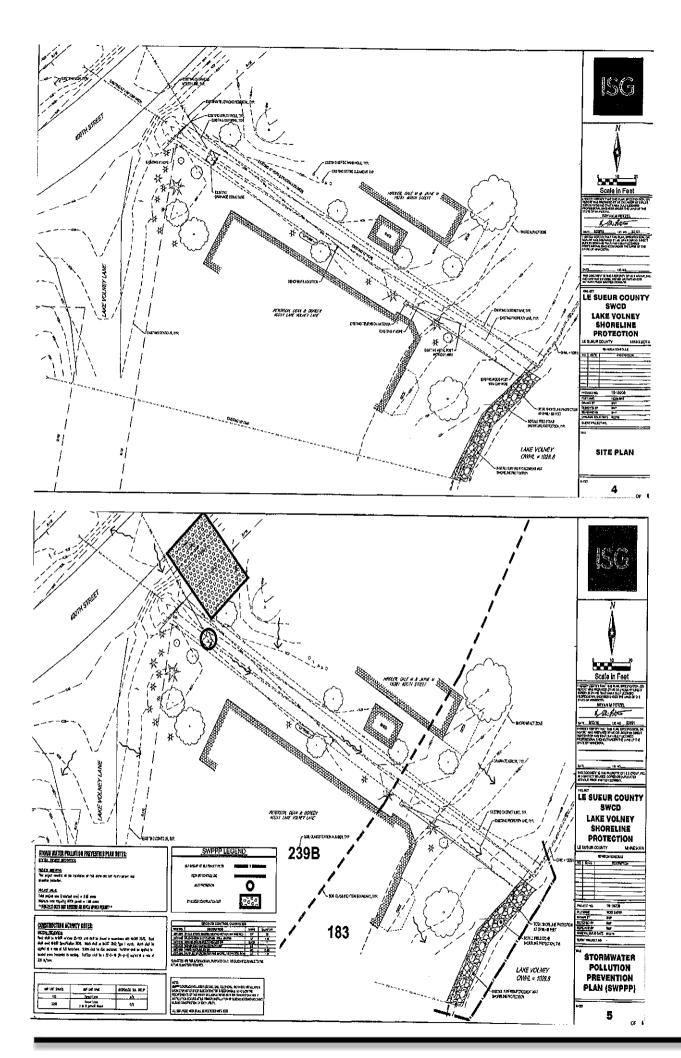


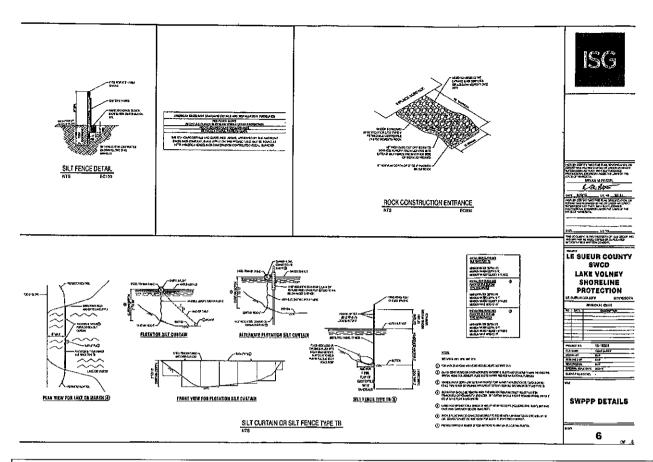
AERIAL PHOTO/SITE PLANS











ATTACHMENTS

Application, Criteria Form, Narrative, Surveyed Plans, Letter LSC Resource Specialist, DNR Permit, Corps of Engineers Letter.

PLANNING AND ZONING COMMISSION CONSIDERATIONS

The Planning Commission and staff shall consider possible adverse effects of the proposed conditional use and what additional requirements may be necessary to reduce such adverse effects. Its judgment shall be based upon the following factors to include, but not limited to:

- 1. Relationship to County plans.
- 2. The geographical area involved.
- 3. Whether such use will negatively affect surrounding properties in the area in which it is proposed.
- 4. The character of the surrounding area.
- 5. The demonstrated need for such use.
- Whether the proposed use would cause odors, dust, flies, vermin, smoke, gas, noise, or vibration or would impose hazards to life or property in the neighborhood.
- 7. Whether such use would inherently lead to or encourage disturbing influences in the neighborhood.
- 8. Whether stored equipment or materials would be screened and whether there would be continuous operation within the visible range of surrounding residences.
- 9. Abatement of Environmental Hazards as regulated in this Ordinance
- 10. Other factors impacting the public health, safety and welfare.

PLANNING AND ZONING COMMISSION CONDITIONS

The Planning Commission shall recommend such conditions relating to the granting of said Conditional Use Permit, as they deem necessary to carry out the intent and purpose of this Ordinance or recommend that the request be denied. Such recommendation shall be in writing. The conditions may include, but are not limited to the following:

- 1. Increasing the required lot size or yard dimension.
- 2. Limiting the height, size, or location of the structures.
- 3. Controlling the location, size, and number of vehicle access points.
- 4. Increasing the street width.
- 5. Increasing the number of required off-street parking space.
- 6. Limiting the number, size, location, or lighting of signs.
- 7. Requiring diking, fencing, screening, landscaping or other facilities to protect adjacent or nearby property.
- 8. Designating sites for open space.

Shoreland District. The following additional evaluation criteria and conditions apply within the Shoreland Districts of the County.

- Evaluation criteria. A thorough evaluation of the water body and the topographic, vegetation, and soils conditions on the site must be made to ensure:
 - a. The prevention of soil erosion or other possible pollution of public waters, both during and after construction.
 - b. The visibility of structures and other facilities as viewed from public waters is limited.
 - c. The site is adequate for water supply and on-site sewage treatment.
 - d. The types, uses, and numbers of watercraft that the project will generate are compatible in relation to the suitability of public waters to safely accommodate this watercraft.
- 2. Conditions attached to Conditional Use Permits in Shoreland Districts. The Board of County Commissioners, upon consideration of the criteria listed above and the purposes of this Ordinance, shall attach such conditions to the issuance of the conditional use permits as it deems necessary to fulfill the purposes of this Ordinance. Such conditions may include, but are not limited to, the following:
 - a. Increased setbacks from the ordinary high water level.
 - b. Limitations on the natural vegetation to be removed or the requirement that additional vegetation be planted.
 - c. Special provisions for the location, design, and use of structures, sewage treatment system, watercraft, launching and docking areas, and vehicle parking areas.

PLANNING AND ZONING COMMISSION FINDINGS

Based on the information submitted by the applicant, contained in this report, and as required by the Le Sueur County Zoning Ordinance, the following findings have been developed for this request: (Please circle one for each item: Agree, Disagree, Not Applicable.)

- 1. The conditional use will not be injurious to the use and enjoyment of other property in the immediate vicinity for the purposes already permitted, nor substantially diminishes and impairs property values within the immediate vicinity.
- 2. The establishment of the conditional use will not impede the normal and orderly development and improvement of surrounding vacant property for uses predominant in the area.
- 3. Adequate utilities, access roads, drainage and other facilities have been or are being provided.
- 4. Adequate measures have been or will be taken to provide sufficient off-street parking and loading space to serve the proposed use.
- 5. Adequate measures have been or will be taken to prevent and control offensive odor, fumes, dust, noise and vibration, so that none of these will constitute a nuisance, and to control lighted signs and other lights in such a manner that no disturbance to neighboring properties will result.
- 6. Is the Conditional Use Permit consistent with and supported by the statement of purposes, policies, goals and objectives in the Ordinance?
- 7. Is the Conditional Use Permit consistent with the Comprehensive Land Use Plan?

Recommend (circle one) approval / denial / table / of Conditional Use Permit.

LE SUEUR COUNTY CONDITIONAL USE PERMIT CRITERIA

Permit # 16313

Conditional Use Permit #: 16313

Name of Applicant: LE SUEUR COUNTY SWCD

Name of Property Owner: DEAN & DOREEN PETERSON				
Condition	ial Use Permit Request: TO ALLOW GRADING, EXCAVATING & FILLING OF APPROXIMATELY 33 CUBIC YARDS FOR THE CONSTRUCTION OF RIP RAP PROJECT			
1.	The conditional use will not be injurious to the use and enjoyment of other property in the immediate vicinity for the purposes already permitted, nor substantially diminishes and impairs property values within the immediate vicinity.			
1.	CR AG PT DR BB JD SO SK DK DRY TOTAL			
Exp	olain			
2.	The establishment of the conditional use will not impede the normal and orderly development and improvement of surrounding vacant property for uses predominant in the area. CR AG PT DR BB JD SO SK DK DRY TOTAL			
2.	SK AG TT SK SS SS SK SK SK TOTAL			
Ехр	olain			
3.	Adequate utilities, access roads, drainage and other facilities have been or are being provided. CR AG PT DR BB JD SO SK DK DRY TOTAL			
3.	CR AG FI DR BB JD SO SR DR DR TOTAL			
Exp	plain			
4.	Adequate measures have been or will be taken to provide sufficient off-street parking and loading space to			
	service the proposed use. CR AG PT DR BB JD SO SK DK DRY TOTAL			
4.				
Ехр	plain			
5.	Adequate measures have been or will be taken to prevent and control offensive odor, fumes, dust, noise and vibration, so that none of these will constitute a nuisance, and to control lighted signs and other lights in such a manner that no disturbance to neighboring properties will result. CR AG PT DR BB JD SO SK DK DRY TOTAL			
5.				
Exp	plain			
6.	The conditional use is consistent with and supported by the statement of purposes, policies, goals and objectives in the Ordinance.			
	CR AG PT DR BB JD SO SK DK DRY TOTAL			
6.				
Exp	plain			
7.	The conditional use is consistent with the Comprehensive Land Use Plan. CR AG PT DR BB JD SO SK DK DRY TOTAL			
If all answers	plain specified by a majority of the Planning Commission, the criteria for granting of the Conditional Use Permit request have been met. The Conditional Use Permit request have been met. The Conditional Use Permit			
will main the g	goals of safety, health and the general welfare of the public. APPROVED DENIED PZ Chairperson			
•	COUNTY BOARD MEETING DATE			

LE SUEUR COUNTY ENVIRONMENTAL SERVICES 88 SOUTH PARK AVE. LE CENTER, MINNESOTA 56057-1600

Phone (507) 357-8540 (direct line)

Fax (507) 357-8541

Date: 10/27/2016

To: Le Sueur County Planning and Zoning Commission

From: Joshua Mankowski, Environmental Resources Specialist

Applicant:

Le Sueur County Soil and Water Conservation District

Property owner:

Dean & Doreen Peterson

Property:

02.450.0040

Description:

Application to allow Grading, Excavating and Filling of approximately 33 Cubic Yards for the construction of Rip Rap Project.

Recommendation:

It would be my recommendation to approve the application. The project design and engineering has been done through the Le Sueur County SWCD and will address documented shoreline erosion issues on the property.

Sincerely,

Joshua Mankowski Le Sueur County

Environmental Resources Specialist

Le Sueur County

Conditional Use Application-Grading, Excavating & Filling

Activities that involve topographic alterations in all districts shall conform to the standards in Section 18 of the Le Sueur County Zoning Ordinance. Activities within a shoreland district shall conform to the standards in Section 13 of the Le Sueur County Zoning Ordinance.

In addition any activities in any type wetland shall be evaluated in accordance with the Wetland Conservation Act (WCA) regulations, as administered by the Le Sueur County Soil & Water Conservation District (SWCD).

I.	Applicant:	
	Name MICHAEL SCHULTE, SEN	LOR DISTRICT TECHNICIAN LS COUNTY SWCD
	Mailing Address 181 w m, nn	
	City LECENTER	State Zip 56057
	Phone # (564) \$5 + - 9879	Phone # (952) 807 - 3423
II.	Ext. 3	
н.	Landowner:	
	Name DEAN ! OUREEN PE	
	Mailing Address <u>400 East Ly</u> City <u>Marshall</u>	
	City MALL	State <u>mn</u> Zip <u>56258</u>
	Property Address 40011 LAKE	TOWEY LN
	City LECENTER	Statemn Zip56057
	Phone #	Phone #
III.	Parcel Information:	
ш.	Parcel Number <u>02. 450, 00 40</u>	Darroll Agrange & O.C.
	Attach Full Legal Description (NOT)	Parcel Acreage 0.9 6
	Township Can best plion (NOT)	Section _ 1
	Subdivision ELN000'S	Lot Block
		BIOOK
IV.	Township Notification: Township me	ust be notified of proposed use prior to application.
	COROUNA TOW	nship notified on
	(Township Name)	(Date)
	Board Member HARRY MACH - C	LE GY regarding the proposed use
	(Name)	regarding the proposed use.
	* *	
.,	Overtities and Outside LE	
V.	Quantities and Submittal Formats:	
	a. One (1) reproducible 8.5" x 11" copy	y of the request and all other supporting documents.
	 Twenty Three (23) copies must be s larger than 8.5" x 11" in size. 	submitted, if any documents are in color, an aerial, or
	c. Electronic version of any supporting	documents if available.
	c. Additional copies may be requested	as deemed necessary by the Department.
	d. Application must be made in pers P.M. on the date of application dead	son by the applicant and/or landowner no later than 12 Iline.
	e. Appointment is necessary.	SEP 2 2 2016
	f. Applications will not be accepted	by mail.

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VI.	Fees: Must be paid at the time of application.				
	Conditional Use Permit \$ 750 After-The-Fact fee is doubled . Filing Fee \$ 46				
	Additional Fees: Special Meeting \$2,000 After-The-Fact Penalty \$1,500 OR 10% of improvement, whichever is greater				
VII.	Type of Request: Grading, Excavating or Filling.				
	□ Non-Shoreland □ Within Bluff Impact Zone □ Within Bluff □ Within Bluff □ Cubic yards of material movement: □ Cubic yards of material movement: □ TOTAL cubic yards of material movement: □ TOTAL cubic yards of material movement:				
	Shoreland- Outside Shore Impact Zone Cubic yards of material movement: ☐ Within Shore Impact Zone Cubic yards of material movement: ☐ Within Bluff Cubic yards of material movement: ☐ Within Bluff Cubic yards of material movement: ☐ TOTAL cubic yards of material movement:				
	☐ Assurance security shall be required for projects that are >1500 cubic yards.				
VIII.	Description of Request:				
	a. A full description of request with detailed information including what operations are to occur and what general types of equipment may be used in the operation must be attached.				
	b. Complete the following in relationship to the proposed Conditional Use Permit.				
	1. ENVIRONMENTAL IMPACT: SEE ATTACHEO				
	2. ADVERSE IMPACT ON SURROUNDING AREAS: SEE ATTACHED				
	3. STORMWATER RUNOFF: SEE ASTACHED				
	4. DOES ANY PART OF THE PROJECT EXTEND BELOW OHWL: SEE ATT ACHEO				
	5. WETLAND IMPACT: SEE ATTACHED				
	6. SLOPE STABILITY: SEE ATT ACHED				
	7. CERTIFICATE OF INSURANCE: SEE ATTACH EO				
	8. MEET ALL APPLICABLE COUNTY STATE & FEDERAL REGULATIONS: (For example additional licensing and/or permitting) SEE ASTACHEO				
IX.	Site Plan: Shall include but not limited to the following:				
	 Parcels < 5 AC = 2-foot contours depicting existing and proposed topography. Parcels 5-20 AC = 5-foot contours depicting existing and proposed topography. Parcels >20 AC = 10-foot contours depicting existing and proposed topography. Location of grading, excavating, and/or filling sites. Location of areas for obtaining fill or disposing of excavated materials. Tree inventory of all trees, indicating trees to be cut or removed. (Caliper of 6 inches or greater measured 4.5 feet from ground level). North point Set backs River Proposed Structures Proposed Structures Well Access (size & location) Easements Landscape, screening and buffering Site plan & As Built must be completed by a surreverse market science for a size of the point of the proposed size of the proposed si				

Site plan & As-Built must be completed by a surveyor or professional engineer.

X. Restoration Plan: Shall include but not limited to the following:

- Areas of restoration shall include the application of a minimum of 4 inches of topsoil or similar material that will support plant growth. (Must be included in cubic yards calculation of material.)
- Reseeded areas indicated with type of vegetation. (Shall meet minimum standards by the SWCD))
- Tree replacement plan. (Areas located within the Bluff Impact Zone, Bluff, Shoreland & Conservancy Distircts)
 - Root zone of existing trees shall be preserved and protected during development.
 - Replace one tree for every tree that is removed.
 - Replacement trees shall have a minimum caliper of 2 inches at 4.5 feet from ground level.

XI. Attachments: Shall include but not limited to:

a. Description of Request-See Part VIII for full details and requirements.
b. Site Plan-See Part IX for full details and requirements.
c. Full Legal Description-Not abbreviated description from tax statement.
d. Access approval-Attach approval in writing from proper road authority.
e. Township Notification-See Part IV for details and requirements.
f. Septic System Compliance Inspection
g. Erosion Control Plan-Attach completed and signed plan including map.
h. Restoration Plan-See Part X for full details and requirements.
i. Approved Stormwater Pollution Prevention Plan-Must meet NPDES requirements and prepared by a licensed professional engineer.

XII. Procedure:

The Planning & Zoning Commission shall hold a public hearing on the proposed Conditional Use Permit at a scheduled Planning and Zoning Commission meeting.

The Planning and Zoning Commission is an advisory board to the County Board of Commissioners and will make a recommendation to the County Board.

The Department shall report the finings and recommendations of the Planning Commission to the County Board for final decision.

Action by the County Board shall be a majority vote of its members.

The Department shall notify the applicant and/or landowner in writing of the County Board decision.

A certified copy of the Conditional Use Permit shall be filed with the Le Sueur County Recorder by the Department.

XIII. Signatures:

correct to the best of my knowledge.	ed nerein as well as all supporting data are true and
Mill Sill	9-20-16
Applicant signature	Date
I hereby certify with my signature that all data contains correct to the best of my knowledge.	ed herein as well as all supporting data are true and
Sunt Filuson	9-20-16
Property Owner signature	Date

7	OFFIC	E USE ONLY				
Request: GRADING, EXCAVATING & FILLING						
□ Non-Shoreland□ Within Bluff Imp□ Within Bluff	Cubic yards of	material movement				
	TOTAL o	ubic yards of m	aterial movement			
☐ Shoreland - Outsid ✓☐ Within Shore Im ☐ Within Bluff Imp ☐ Within Bluff	Cubic yards of	material movement	33			
	TOTAL c		aterial movement:			
Pre-App Date 9-22-100 Meeting Date 11-20-100 Zoning District LP		9C0 1 300	Feedlot Wetland Type D Water course Bluff			
Request Description	Access App	oroval	∠ Septic (Comp Insp / Design		
Site Plan	Erosion Co	ntrol Plan	/ Meeting	Reg / ATF / Spec		
Full Legal	. 🗆		Fee	\$ 7960		
P Ordinance	□ Other		□ Penalty	\$		

X60 Day Wairer

Application Complete Nichelle 3 Method Planning & Zoning Department Signature





DESCRIPTION OF REQUEST

The purpose of this request is to provide shoreline protection for the Dean and Doreen Peterson property. Flooding issues and wave action have contributed to shoreline erosion. A picture of recent flooding problems has been included with the application.

The proposed improvements will consist of the installation of field stone and turf reinforcement mat shoreline protection, totaling 66 feet of shoreline as measured at the OHWL. The shoreline protection will be installed at a maximum slope of 3H:1V. The diameter of the field stone used will range from 6-inches to 30-inches and will have a geotextile fabric placed underneath. All disturbed areas shall be restored with seed.

Due to the proximity of adjacent structures and the location of trees, utilities, and other obstacles within the work area, smaller equipment, such as skid loaders and mini excavators, will need to be utilized for the project.

1) ENVIRONMENTAL IMPACT

The overall environmental impact of the project is expected to be positive provided the Storm Water Pollution Prevention Plan is followed. The installation of shoreline protection will prevent further erosion of the shoreline.

2) ADVERSE IMPACT ON SURROUNDING AREAS

The impacts of the project on surrounding areas are expected to be positive. Shoreline protection will help prevent further erosion of the shoreline along the Peterson property. Less shoreline erosion will help to improve the water quality of Lake Volney.

3) STORMWATER RUNOFF

The volume or rate of runoff will not be affected by the project. This project will help to protect the shoreline from the erosive effects of stormwater runoff.

4) DOES ANY PART OF THE PROJECT EXTEND BELOW OHWL

Yes. The shoreline protection will extend below the OHWL. A DNR Public Waters Work Permit has been issued for the project and has been included with the CUP application. The US Army Corps of Engineers (USACE) has reviewed the project and determined it to be consistent with the activity described in non-reporting category B, Bank Stabilization, of Department of the Army General permit RGP-003-N. No application or notification to the St. Paul District Corps of Engineers is required for projects eligible for this RGP category. The letter received from the USACE has been included with the application.

5) WETLAND IMPACT

The shoreline protection will have minimal impact on Lake Volney provided the SWPPP is followed. No other wetland impacts are anticipated.

6) SLOPE STABILITY

The shoreline protection will help to protect the shoreline slope as compared to existing conditions. 2 8 2010

7) CERTIFICATE OF INSURANCE

The project has not yet been bid by the Le Sueur County SWCD. A Certificate of Insurance will be provided upon the contract being awarded.

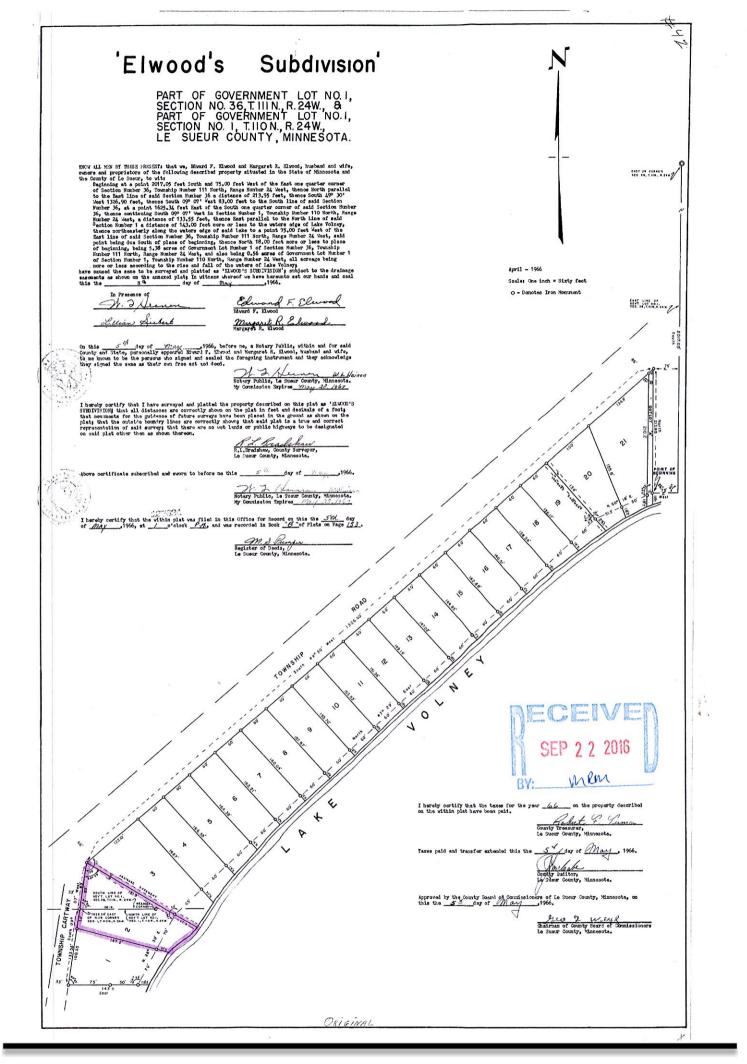
8) MEET ALL APPLICABLE COUNTY, STATE, & FEDERAL REGULATIONS

Due to the size of the project, a NPDES Construction Storm Water Permit is not required. A DNR Public Waters Work Permit has been issued for the project. The US Army Corps of Engineers has reviewed the project and determined it to be consistent with the activity described in non-reporting category B, Bank Stabilization, of Department of the Army General permit RGP-003-N. No application or notification to the St. Paul District Corps of Engineers is required for projects eligible for this RGP category. The letter received from the USACE has been attached.

115 E. Hickory Street + Suite 300 + Mankato, MN 56001 507.387.6651 + www.is-grp.com

ARCHITECTURE + ENGINEERING + ENVIRONMENTAL + PLANNING

BY:



Lexington Township authorizes work to be performed in the right-of-way of 400th Street as shown in the plans titled "Lake Volney Drainage" prepared for the Le Sueur County SWCD by I+S Group, Inc. Lexington Township authorizes access from 400th Street for said work.

Autherized 1

Tomby Board

Name

Lexington Towns dif

Signature

Date





MINNESOTA DEPARTMENT OF NATURAL RESOURCES

Public Waters Work Permit

Expiration Date: 08/15/2021

t ||

Permit Number

2016-1407

Pursuant to Minnesota Statutes, Chapter 103G, and on the basis of statements and information contained in the permit application, letters, maps, and plans submitted by the applicant and other supporting data, all of which are made part hereof by reference, **PERMISSION IS HEREBY GRANTED** to the applicant to perform actions as authorized below.

Project Name:	County:	Watershed:		Resource:	
Lake Volney Drainage	Le Sueur	Cannon River Lake: Volney (40003300)			
Purpose of Permit:	Authorized Action:				
Riprap (Natural Rock)		Install natural rock rip rap along shoreline, per the engineered design. Any changes to the plan need to be approved by DNR, prior to installation.			
Permittee:	Authorized Agent:				
LE SUEUR COUNTY SWCD CONTACT: SCHULTZ, MICHAEI 181 W MINNESOTA ST LE CENTER , MN 56057 (507) 357-4879	I+S GROUP, INC. CONTACT: PETZEL, BRYAN 115 E. HICKORY ST, SUITE 300 MANKATO, MN 56001 (507) 387-6651				
Property Description (land owned or leased or where work will be conducted):					
UTM zone 15N, 448220m east, 4913127m north (centroid), Meandered water body of Section 1, T110N, R24W					
Authorized Issuer:	Title:	Issued Date:	Effective Da	te: Expiration Date:	
Todd Piepho	Area Hydrologist	08/16/2016	08/16/2016	08/15/2021	

This permit is granted subject to the following CONDITIONS:

APPLICABLE FEDERAL, STATE, OR LOCAL REGULATIONS: The permittee is not released from any rules, regulations, requirements, or standards of any applicable federal, state, or local agencies; including, but not limited to, the U.S. Army Corps of Engineers, Board of Water and Soil Resources, MN Pollution Control Agency, watershed districts, water management organizations, county, city and township zoning.

NOT ASSIGNABLE: This permit is not assignable by the permittee except with the written consent of the Commissioner of Natural Resources.

NO CHANGES: The permittee shall make no changes, without written permission or amendment previously obtained from the Commissioner of Natural Resources, in the dimensions, capacity or location of any items of work authorized hereunder.

SITE ACCESS: The permittee shall grant access to the site at all reasonable times during and after construction to authorized representatives of the Commissioner of Natural Resources for inspection of the work authorized hereunder.

TERMINATION: This permit may be terminated by the Commissioner of Natural Resources at any time deemed necessary for the conservation of water resources of the state, or in the interest of public health and welfare, or for violation of any of the conditions or applicable laws, unless otherwise provided in the permit.

COMPLETION DATE: Construction work authorized under this permit shall be completed on or before the date specified above. The permittee may request an extension of the time to complete the project by submitting a written request, stating the reason thereof, to the Commissioner of Natural Resources.

WRITTEN CONSENT: In all cases where the permittee by performing the work authorized by this permit shall involve the taking, using, or damaging of any property rights or interests of any other person or persons, or of any publicly owned

(MPARS revision 20160211, Permit Issuance ID 48925, printed 08/16/2016)

CONDITIONS continued on next page.

CONDITIONS (Continued from previous page)

lands or improvements thereon or interests therein, the permittee, before proceeding, shall obtain the written consent of all persons, agencies, or authorities concerned, and shall acquire all property, rights, and interests needed for the work.

PERMISSIVE ONLY / NO LIABILITY: This permit is permissive only. No liability shall be imposed by the State of Minnesota or any of its officers, agents or employees, officially or personally, on account of the granting hereof or on account of any damage to any person or property resulting from any act or omission of the permittee or any of its agents, employees, or contractors. This permit shall not be construed as estopping or limiting any legal claims or right of action of any person other than the state against the permittee, its agents, employees, or contractors, for any damage or injury resulting from any such act or omission, or as estopping or limiting any legal claim or right of action of the state against the permittee, its agents, employees, or contractors for violation of or failure to comply with the permit or applicable conditions.

EXTENSION OF PUBLIC WATERS: Any extension of the surface of public waters from work authorized by this permit shall become public waters and left open and unobstructed for use by the public.

WETLAND CONSERVATION ACT: Where the work authorized by this permit involves the draining or filling of wetlands not subject to DNR regulations, the permittee shall not initiate any work under this permit until the permittee has obtained official approval from the responsible local government unit as required by the Minnesota Wetland Conservation Act.

CONTRACTOR RESPONSIBILITY: The permittee shall ensure the contractor has received and thoroughly understands all conditions of this permit. Contractors must obtain a signed statement from the property owner stating that permits required for work have been obtained or that a permit is not required, and mail a copy of the statement to the regional DNR Enforcement office where the proposed work is located. The Landowner Statement and Contractor Responsibility Form can be found at: http://www.bwsr.state.mn.us/wetlands/wca/index.html#general.

INVASIVE SPECIES - EQUIPMENT DECONTAMINATION: All equipment intended for use at a project site must be free of prohibited invasive species and aquatic plants prior to being transported into or within the state and placed into state waters. All equipment used in designated infested waters, shall be inspected by the Permittee or their authorized agent and adequately decontaminated prior to being transported from the worksite. The DNR is available to train inspectors and/or assist in these inspections. For more information refer to the "Best Practices for Preventing the Spread of Aquatic Invasive Species" at http://files.dnr.state.mn.us/publications/ewr/invasives/ais/best_practices_for_prevention_ais.pdf. Contact your regional Invasive Species Specialist for assistance at www.mndnr.gov/invasives/contacts.html. A list of designated infested waters is available at www.mndnr.gov/invasives/ais/infested.html. A list of prohibited invasive species is available at www.mndnr.gov/eco/invasives/laws.html#prohibited.

cc: Todd Kolander, EWR District Manager
Brent Ihnen, Conservation Officers, Waseca
Jeremy Maul, BWSR Wetland Specialists, Le Sueur
Lisa Gelvin-Innvaer, DNR Regional Nongame Specialists, South
Kevin Mixon, DNR Regional Environmental Assessment Ecologist, Region 4
Joe Stangel, DNR Wildlife, Nicollet
Craig Soupir, DNR Fisheries, Waterville Area
Kathy Brockway, County, Le Sueur
David Studenski, Corps of Engineers, Le Sueur
Raelene Hegge, Corps of Engineers, Le Sueur
Michael Schultz, SWCD, Le Sueur County SWCD



Page 2 - Permit Number 2016-1407



DEPARTMENT OF THE ARMY
ST. PAUL DISTRICT, CORPS OF ENGINEERS
180 FIFTH STREET EAST, SUITE 700
ST. PAUL, MN 55101-1678

September 16, 2016

REPLY TO ATTENTION OF REGULATORY BRANCH

Regulatory File No MVP-2016-02829-MJB.

I&S Group c/o Mr. Bryan Petzel 115 E. Hickory St., Suite 300 Mankato, Minnesota 56001

Dear Mr. Petzel:

This letter concerns your request for Department of the Army authorization, submitted on behalf of the Le Sueur County Soil and Water Conservation District, to discharge fill material below the plane of the ordinary high water mark of 76 linear feet (0.01 acre) of Lake Volney for the purpose of bank stabilization. The project would not involve bank shaping below the plane of the ordinary high water mark. The project site is in Section 1, Township 110 North, Range 24 West, Le Sueur County, Minnesota.

The work that you described is consistent with the activity described in non-reporting category B, Bank Stabilization, of Department of the Army General Permit RGP-003-MN. No application or notification to the St. Paul District Corps of Engineers is required for projects eligible for this RGP category.

You are responsible for ensuring that your proposed project complies with all applicable terms and conditions of the RGP for the specified category of work. A full list of applicable terms and conditions for eligibility may be found by visiting our website at http://www.mvp.usace.army.mil/Missions/Regulatory/PermittingProcessProcedures.

If you have any questions, please contact Meghan Brown in our La Crescent office at (651) 290-5688 or Meghan.J.Brown@usace.army.mil. In any correspondence or inquiries, please refer to the Regulatory file number shown above.

Sincerely,

Kristen Hafer

Chief, Southwest Section

SEP 2 2 2016

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Page 2 of 2 507.387.6651 + www.is-grp.com

LE SUEUR COUNTY SWCD LAKE VOLNEY SHORELINE PROTECTION



LE SUEUR COUNTY, MINNESOTA

CONSTRUCTION PLANS FOR:

ISG PROJECT # 16-19208

SHORELINE PROTECTION

LEGEND

EXISTING CITYLIMITS SECTION LINE QUARTER SECTION LINE RIGHT OF WAY LINE PROPERTY/LOTUNI EASEMENT LINE WATER FORE WETLAND BOUNDARY WETLAND / MARSH FENCE LINE CULVERT STORM SEWER SANITARY SEWER FORCEMAIN UNDERGROUND TELEPHONE OVERHEAD ELECTRIC UNDERGROUND ELECTRIC UNDERGROUND TV UNDERGROUND FIRER OPTIC CONTOUR (MAJOR) CONTOUR (MINOR) DECIDUOUS TREE CONFEROUS TREE TREFLINE \circ MANHOLE/STRUCTURE **CATCH BASIN** TARGETVIL VALVE

PROPOSED LOT LINE RIGHT OF WAY EASEMENT CULVERT STORM SEWER STORM SEWER (PIPE WIDTH) SANITARY SEWER SANITARY SEWER (PIPE WIDTH) WATER OVERHEAD ELECTRIC UNDERGROUND ELECTRIC CAS CONTOUR MANKO F

CURB STOP

POWER POLE

CATCH BASIN

HYDRANT

UTILITY PEDESTAL / CABINET



SHEET INDEX

- 2 QUANTITIES NOTES & DETAILS 3 EXISTING SITE PLAN

- 5 STORMWATER POLLUTION PREVENTION PLAN (SWPPP)
- 6 SWPPP DETAILS

IEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR EPORT WAS PREPARED BY ME OR UNDER MY DIRECT UPERVISION AND THAT I AM ADULY LICENSED ROFERSIONAL ENGINEER UNDER THE LAWS OF THE

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, REPORT WAS PREPARED BY ME OR UNDER MY DIREC SUPERVISION AND THAT I AM A DULY LICENSED

PROJECT GENERAL NOTES

- ALL WORK SHALL CONFORM TO THE CONSTRUCTION DOCUMENTS, WHICH INCLUDE, BUT ARE NOT LIMITED TO, DRAWINGS OF ALL DISCIPLINES AND ALL ADDENDA. MODIFICATIONS AND CLARIFICATIONS ISSUED BY
- CONSTRUCTION DOCUMENTS SHALL BE ISSUED TO ALL SUBCONTRACTORS BY THE GENERAL CONTRACTOR IN COMPLETE SETS IN ORDER TO ACHIEVE THE FULL EXTENT AND COMPLETE COORDINATION OF ALL WORK
- WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS, NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OF CONDITIONS REQUIRING INCORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK
- 4. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS, NOTIFY ARCHITECT/EMGINEER OF ANY DISCREPANCIES OR CONDITION'S REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
- DETAILS SHOWN ARE INTENDED TO BE INDICATIVE OF THE PROFILES AND TYPE OF DETAILING REQUIRED THROUGHOUT THE WORK, DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO DETAILS SHOWN, WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
- 6. ALL MANUFACTURED ARTICLES, MATERIALS AND 8. ALL MANUFACTURED ARTICLES, MATERIALS AND ECOUPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED AND CONDITIONED ACCORDING TO MANUFACTURERS' INSTRUCTIONS: IN CASE OF DISCREPANCIES BETWEEN MANUFACTURERS' INSTRUCTIONS AND THE CONTRACT DOCUMENTS, NOTIFY
- ALL DISSIMILAR METALS SHALL BE EFFECTIVELY ISOLATED FROM EACH DTHER TO AVOID GALVANIC
- B. THE LOCATION AND TYPE OF ALL INPLACE UTILITIES SHOWN ON THE PLANS ARE FOR GENERAL INFORMATION ONLY AND ARE ACCURATE AND COMPLETE TO THE BEST OF THE KNOWLEDGE OF I & S GROUP, INC. (ISG), NO WARRA OR GUARANTEE IS IMPLIED. THE CONTRACTOR SHALL VERI THE SIZES, LOCATIONS AND ELEVATIONS OF ALL INPLACE UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL
- 9. THE CONTRACTOR IS TO CONTACT "GOPHER STATE ONE CALL" FOR UTILITY LOCATIONS, MINIMUM 2 BUSINESS DAYS PRIOR TO ANY EXCAVATION / CONSTRUCTION

BRYAN M PETZEL & Mifsty DATE 9/22/16

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LE SUEUR COUNTY SWCD **LAKE VOLNEY SHORELINE PROTECTION**

F SUFUR COUNTY

REVISION SCHEDULE

MINNESOTA

PROJECT NO. 16-19208 FILE NAME DRAWN BY DES(GNED BY BLE REVIEWED BY ORIGINAL ISSUE DATE 922/18 CLIENT PROJECT NO

OWNER:

181 WEST MINNESOTA STREET LE CENTER, MN 56057

CONTACT: MICHAEL SCHULTZ PH: 507.357.4879

PROJECT ADDRESS / LOCATION:

40011 LAKE VOLNEY LANE

SECTION 1, CORDOVA TWP

LE SUEUR COUNTY, MN

115 EAST HICKORY ST SUITE 300 MANKATO, MN 56001 PHONE: 507,387.6651 FAX: 507.387.3583 PROJECT MANAGER: BRYAN PETZEL EMAIL: BRYAN PETZE®IS-GRP.COM

SPECIFICATIONS REFERENCE

LL CONSTRUCTION SHALL COMPLY WITH THE COUNTY OF LE SUEUR REQUIREMENTS AND MINDOT STANDARD
SPECIFICATIONS FOR CONSTRUCTION, 2016 EDITION, AND THE
STANDARD SPECIFICATIONS FOR SANITARY SEWER, STORM DRAIN AND WATERMAIN AS PROPOSED BY THE CITY ENGINEERS ASSOCIATION OF MINNESOTA 2013, UNLESS DIRECTED

PROJECT DATUM

HORIZONTAL COORDINATES HAVE BEEN REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83), 1996 ADJUSTMENT (NAD83(1996)) ON THE LE SUBUR COUNTY COORDINATE SYSTEM, IN U.S. SURVEY FEET.
ELEVATIONS HAVE BEEN REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVO 88).
BY A GPS METHODS WERE USED TO ESTABLISH HORIZONTAL AND VERTICAL COORDINATES FOR THIS PROJECT.

B.M. ELEVATION=1036.68

NAIL IN UTILITY POLE NEAR PROPERTY LINE APPROXIMATELY 131 FEFT SE OF 400TH STREET APPROXIMATELY 75 FT SE OF DRAINAGE STRUCTUR

TITLE

PROJECT INDEX:

LE SUEUR COUNTY SWCD

MANAGING OFFICE:

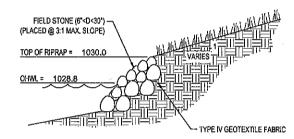
TOPOGRAPHIC SURVEY

THIS PROJECTS TOPOGRAPHIC SURVEY CONSISTS OF DATA COLLECTED ON 5-18-16 BY ISG.

CONSTRUCTION NOTES

- EXTREME CARE SHALL BE TAKEN SO THAT ALL EXISTING STRUCTURES, INCLUDING DRAINAGE TILE, CULVERTS, SHEDS, POSTS, LP TANKS, ANTENNAS, PROPERTY PINS, ETC., ARE NOT REMOVED OR DAMAGED UNLESS NOTED OTHERWISE.
- EXTREME CARE SHALL BE TAKEN SO THAT ALL EXISTING TREES LOCATED WITHIN & ADJACENT TO THE CONSTRUCTION AREAS ARE
 NOT REMOVED OR DAMAGED, UNLESS NOTED OTHERWISE, THE CONTRACTOR SHALL CONTACT THE OWNER WITH ANY POTENTIAL
 CONFLICTS.
- 3. NO EXTRA PAYMENT WILL BE MADE FOR TEMPORARY STOCKPILING OF EXCAVATION, EMBANKMENT AND/OR BORROW MATERIAL.
- 4. CONSTRUCTION ACTIVITY SHALL BE PERFORMED IN SUCH A MANNER THAT ACCESS IS MAINTAINED TO ALL RESIDENCES AND BUSINESSES. WHERE CONSTRUCTION OPERATIONS REQUIRE CLOSURE OF ACCESS TO SITE OR SURROUNDING PROPERTIES, CONTRACTOR SHALL COORDINATE WITH SAID PROPERTY OWNER AT LEAST 24 HOURS BEFORE THE ANTICIPATED ACCESS INTERRUPTION AND ALL ACCESS SHALL BE AT LEAST TEMPORARILY RESTORED EACH NIGHT BEFORE THE END OF THE WORK DAY. NO PROPERTY OWNER SHALL BE LEFT WITHOUT ADEQUATE ACCESS OVERNIGHT OR OVER THE WEEKEND. EMERGENCY VEHICLE ACCESS SHALL BE MAINTAINED AS WELL.
- 5. AS SHOWN ON THE PLANS, VARIOUS UTILITIES ARE LOCATED WITHIN THE PROJECT AREA. THERE ARE ADDITIONAL UTILITIES THAT MAY EXIST AND ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL COCRDINATE THEIR ACTIVITIES WITH THE AFFECTED UTILITY COMPAMIES AND/OR ADJACENT PROPERTY OWNERS AND WILL BE RESPONSIBLE FOR VERIFICATION AND PROTECTION OF ALL UTILITIES IN THEIR EXISTING LOCATION (POWER POLES, PEDESTALS, ETC.). THE CONTRACTOR SHALL COORDINATE WITH THE PRIVATE UTILITIES AND/OR ADJACENT PROPERTY OWNERS TO ARRANGE SUPPORTING/RELOCATE AND/OR REPAIRS TO ALL FACILITIES AS NEEDED FOR ALL UTILITY AND STREET IMPROVEMENTS. THE COUNTY SHALL NOT INCUR ADDITIONAL COSTS IF THE LOCATIONS OF UTILITIES ARE NOT SHOWN ON THE PLANS FOR DELAYS IN CONSTRUCTION CAUSED FROM CONFLICTS WITH PRIVATE UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH LE SUBUR COUNTY AND ALL DRY UTILITY COMPANIES FOR ANY NECESSARY REMOVAL AND RELOCATION OF THEIR FACILITIES. THE CONTRACTOR SHALL PROPER POLES AND GLY WIRES.
- 6. TURF REINFORCEMENT SHORELINE PROTECTION AREA SHALL BE AMERICAN EXCELSIOR RECYCLEX OR APPROVED EQUAL AND INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS AND SHORELINE PROTECTION DETAIL. AN APPROVED EROSION CONTROL BLANKET MAY BE USED LIEU OF CURLEX QUICKGRASS TO PROTECT THE SEEDED AREA. ALL NECESSARY MATERIALS TO CONSTRUCT THE TURF REINFORCEMENT MAT SHORELINE PROTECTION AREA PER MANUFACTURER'S RECOMMENDATIONS SHALL BE INCIDENTAL TO LUMP SUM PAY TIEM.
- SILT CURTAIN AND OTHER EQUIPMENT USED IN THE WATER SHALL BE CLEANED, DRAINED, AND DRIED PRIOR TO TRANSPORTATION ON PUBLIC ROADS IN ORDER TO PREVENT THE TRANSPORTATION OF INVASIVE SPECIES.
- 8. THE CONTRACTOR IS HEREBY REMINDED OF THEIR RESPONSIBILITY UNDER STATE LAW TO CONTACT ALL UTILITIES THAT MAY HAVE FACILITIES IN THIS AREA. CONTACT MUST BE MADE THROUGH GOPHER STATE ONE-CALL.

ITEM NO.	CONSTRUCTION ITEM	UNIT	ESTIMATED QUANTITY
2021.501	MOBILIZATION	LS	1
2511.601	FIELD STONE SHORELINE PROTECTION (W/ FABRIC)	CY	32
2573.505	FLOATATION SILT CURTAIN, TYPE STILL WATER	LF	110
2573.530	STORM DRAIN INLET PROTECTION	EA	1
2573.535	STABILIZED CONSTRUCTION EXIT	LS	1
2575.501	SEEDING, MNDOT 25-151	L\$	1
2575.601	TURF REINFORCEMENT MAT SHORELINE PROTECTION	LS	1



FIELD STONE SHORELINE PROTECTION DETAIL



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

BRYAN M PETZEL

ATE 9/22/16 LIC, NO. 5

THEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT LAM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE_

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LE SUEUR COUNTY
SWCD
LAKE VOLNEY
SHORELINE
PROTECTION

LE SUEUR COUNTY MINNESOTA

REVISION SCHEDULE

NO DATE DESCRIPTION

PROJECT NO. 16-19208

FILE NAME 19208 QUANTIES & DETAILS

DRAWN BY BMP

DESIGNED BY BMP

REVIEWED BY BMP

ORIGINAL ISSUE DATE 9/22/16

CLIENT PROJECT NO. -

TITLE

QUANTITIES NOTES & DETAILS

SHEET

2

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