

MIDDLE ST. CROIX WATERSHED MANAGEMENT ORGANIZATION

455 HAYWARD AVENUE, OAKDALE, MINNESOTA 55082
Phone 651.330.8220 x22 fax 651.330.7747 www.mscwmo.org



Regular Meeting of the Middle St. Croix Watershed Management Organization Bayport Public Library, Bayport, MN Thursday, June 14, 2018 6:00PM

1. Call to Order – 6:00PM
2. Approval of Minutes
 - a. Draft minutes May 10 , 2018 **pages 1-4**
3. Treasurer’s Report
 - a. Report of savings account, assets for June 14, 2018
 - b. Approve payment of bills for June 1, 2018
 - c. Budget Tracker Review
4. Public Comments
5. Old Business
 - a. Washington Conservation District Monitoring Program Update **page 5**
6. New Business
 - a. None
7. Grant and Cost Share Applications
 - a. Perro Creek Native Shoreline Restoration Cost Share Application **pages 6-8**
 - b. Grace Fix Raingarden Application **pages 10-14**
 - c. Lakeland Native Slope Stabilization Application **pages 15-17**
 - d. Meyers Cost Share Reimbursement **pages 18-21**
8. Plan Reviews/Submittals
 - a. Stillwater 2018 Streets Improvements, Stillwater
 - b. CSAH 23 (3rd Street) Reconstruction, Stillwater
9. Administrator’s Report
10. Adjourn

Regular Meeting of the Middle St. Croix Watershed Management Organization
Bayport Public Library, Bayport, MN
Thursday, May 10, 2018
6:00PM

Present: Brian Zellar, Lakeland Shores; Mike Runk, Oak Park Heights; Nancy Karras-Anderson, St. Mary's Point; Annie Perkins, Afton; Tom McCarthy, Lake St. Croix Beach; Patrick McGann, Bayport; Dan Kylo, West Lakeland Township; Richard Glasgow, Lakeland; Cameron Blake, WCD; Administrator Mike Isensee.

Call to Order

The meeting was called to order at 6:00 p.m. by Brian Zeller at 6:00pm.

Approval of Minutes

Brian Zellar moved to correct the minutes from last month's meeting from an address written as 25 Lakeland shores instead of 35 Lakeland Shores. A Motion to approve the April 12, 2018 minutes was made by Mike Runk, seconded by Nancy Karras-Anderson. Motion carried.

Treasurer's Report

Report of savings account, assets for May 10, 2018

Approve payment of bills for May 10, 2018

The treasurer's report was presented by Administrator Isensee. The remaining checking account balance is \$295,594.77. First State Bank CDs are valued at \$32,094.13. The ending balance in the RBC savings account is \$48,725.53.

Bills to be approved this month are: Emmons & Olivier: \$2,661.98; Kathy Warren: \$34.31; Landscape Alternatives: \$1,058.00; Louise Watson: \$44.37; Peterson Company, Ltd.: \$2,100.00; Washington Conservation District (Administration) \$4,795.75; Washington Conservation District (Technical Services) \$7,436.53; Total: \$18,130.94.

Mike Runk moved to approve the treasurer's report and pay the bills presented, Nancy Anderson seconded the motion, and the motion carried.

Budget Tracker Review

Administrator Isensee explained that the administrative bill is running ahead of normal at this time due to many administrative tasks required in the early part of this year. These tasks included: reviewing surface water management plans for local communities, watershed based funding meetings, the biennial evaluation, and the One Watershed One Plan activities.

Public Comments

There was public comment from the City of Stillwater regarding the St. Croix shoreline stabilization project. The approximate scale of this project is 3 million. This is a high priority for the City due to losing shoreline into the St. Croix with wastewater treatment line is at risk as well as public trails.

The City is requesting assistance from the MN legislature and is requesting a letter of support from the watershed stating that the MSCWMO is working with them on this project. Board Manager Kylo asked who is involved with this project and Mike Isensee answered the City has involved the DNR and watershed in preliminary planning meetings. Chair Zeller stated the MSCWMO is in favor of erosion control and stabilization. Manager Perkins asked why BWSR is not involved. Chair Zeller answered it's because BWSR allocates the CWF.

Chair Zeller motioned to send letter of support for the project and Manager McCarthy seconded. This motion carried.

Old Business

One Watershed One Plan Policy Committee Update and Alternate Appointment

Mike Isensee reported that the policy committee met on April 30th and some decisions were made to continue the process. One decision was that alternates need to be local government officials. Last board meeting the decision was to use Doug as the lead representative with Mike Isensee as an alternate but Mike doesn't meet these requirements. Brian Zeller asked if anyone is willing to be an alternate. Brian Zeller stated that he is grateful for Doug and comfortable not having an alternate. Although Doug will not be a government official after November, the MSCWMO can attend meetings without a vote. This was agreed upon. No motion necessary.

2017 Audit

Administrator Isensee presented the Auditor's report on legal compliance. Isensee noted the audit had two findings. The first finding is the MSCWMO has a significant deficiency in segregation of duties. Administrator Isensee contacted the auditor and verified that this deficiency is common to organizations of our size due the limited number of staff. The auditor stated the rules for segregation of duties had become more stringent in the past year and small agencies (less than 10 staff) will not be able to meet this standard. The second deficiency is related to the threshold for a required collateral pledge. Administrator Isensee is working with First State Bank to put in place a collateral pledge for the MSCWMO account.

Isensee also asked the auditor for recommendations to improve the accounting and transparency processes. One recommendation was to synchronize the MSCWMO quick books account with the budget summary Administrator Isensee presents at board meetings. The WCD will work on improving that practice. Chair Zeller asked how often the audit occurs. Isensee said it occurs yearly. Manager Perkins asked who does the audit and how much it costs. Mike Isensee said it is Peterson Company Ltd. for \$2,100. Chair Zeller asked what triggers an annual audit. Isensee stated it was a statute in the MN 8410 rule that governs metro watershed districts. Chair Zeller asked to double check the trigger.

Chair Zeller motioned to approve the 2017 MSCWMO Audit, second by Manager Runk. The motion carried.

First State Bank Collateral Pledge Agreement

Manager Runk moved to approve the First State Bank Collateral Pledge Agreement, Manager Karras-Anderson seconded. This motion carried.

Watershed Based Funding Draft Memorandum of Agreement

This is an agreement between the 10 watershed authorities, WCD Washington County and the 8 WMOs to distribute that funding. The MSCWMO will get an equal share of the funding. Brian Zeller moved to accept, and Dan Kylllo seconded. This motion carried.

Plan Reviews/Submittals

Administrator Isensee presented summaries of the proposed 2nd Street Commercial New Construction project in Lakeland Shores; 2909 Itasca Avenue Residential Redevelopment in St. Mary's Point; and the 1067 Quixote Shoreline Stabilization in Lakeland. No motion was necessary.

Chair Zeller asked if part of the plan was to soil filled rip rap the shoreline. Administrator Isensee confirmed that soil filled rip rap for this project would qualify for cost share. This information had been provided to the contractor. Chair Zeller believes this may be difficult if it is in the floodplain. Manager Perkins inquired if it was possible to put riprap in the flood zone. Chair Zeller stated that multiple permits are involved when a project is in a floodplain including the Army Corps, DNR, and Parks service. Administrator Isensee stated the project is still going through the City permit process.

Manager McGann inquired about the fees associated with the project review process. Administrator Isensee said the fee structure was based on the area of disturbance and area of impervious construction. The MSCWMO fee is less than other watersheds due to the lower hourly rates of the WCD engineer and less time required for review because of MIDS. The fee is posted online under development or builder's tab and a single family residential is a \$350 flat fee.

Administrator Isensee stated it is a busy year for project reviews. There are already 13 this year and there are usually 12-15 for an entire year.

12 Point Road Residential Addition, Bayport

This project was reviewed in 2014 for flood proofing to raise structure above the floodplain to meet FEMA necessary distance. The city was going through approval process and realized MSCWMO hadn't reviewed it. The MSCWMO reviewed the fill and not the new impervious surface and designed a raingarden. Staff recommended approval to the c=City.

Cahanes Farm Development, Baytown

Manager Fellegly inquired about progress of the proposed Cahanes Farms Project. Isensee stated he has met with the landowners and Township Engineer and will be meeting with Washington County within the next week. There are no plans for submittal yet, just discussion.

Administrator's Report

The Greeley gully and Stillwater Jr High projects are wrapping up. They are being planted, watered, and closing grants out.

The Adopt- a-Raingarden (AAR) program is up and running. The website is developed, there were 50 volunteers at the spring raingarden clean up event. Now that the AAR program is established in Stillwater it can be replicated through the rest of the MSCWMO communities down the river.

Three previously approved grant applications were completed. One to the MPCA for monitoring. One to the St. Croix River Association for \$40,000 for water quality projects from south of Bayport to St Mary's point that directly drains to the St. Croix.

Chair Zeller asked about Perro Creek. Isensee stated the PCA is proposing to list Perro Creek as impaired for TSS in addition to its bacterial impairment. The MSCWMO has requested a technical panel evaluation to ensure the evidence is clear prior to listing. The TSS is likely coming from stormwater runoff draining into the 1.8 mile stream as it flows through the City. Isensee reminded the board in 2017 targeted monitoring confirmed stormwater from streets significantly reduced the quality of water discharging from Perro Pond. Administrator Isensee also reminded the board that they requested the PCA to test E.coli genetics to determine if it is human or not as part of the 10 year monitoring cycle for the Lower St. Croix Watershed. Currently the MSCWMO is monitoring for E. coli at 12 locations along Perro Creek. Manager Runk asked about the Bayport storm sewer project. Administrator Isensee confirmed the City provided new digital maps of their storm and sanitary sewer systems that confirmed locations where sanitary pipes run under the creek.

Adjourn

Manager Kylo motioned to adjourn the meeting at 6:41 p.m., and Manger Runk seconded. This motion carried.



MEMORANDUM

TO: MSCWMO Board of Managers
Mikael Isensee, Administrator

FROM: Matt Downing, Senior Water Resource Specialist
Erik Anderson, Senior Water Resource Specialist

DATE: 6/6/2018

RE: 2018 Water Quality Monitoring Monthly Updates

The Washington Conservation District has been partnering with the Watershed Organizations of Washington County for over 20 years to provide high quality and scientifically sound water quality monitoring services. In this time, we have become intimately acquainted with the resources we all strive to protect, knowledgeable of effective monitoring strategies and efficient in carrying out these duties. Because of these strengths, we have inadvertently created a weakness in that the managers and staff of the various Watersheds have become less connected with the actions that are happening on the ground. In an effort to solidify the partnerships we have formed over the last two decades and to reopen the lines of communication between the WCD monitoring program and the Watersheds, we will provide monthly updates to each of the watersheds on the activities that have been performed on their behalf. Our hope is that these updates provide more transparency of what goes into collecting data on the resources as well as be a starting point to foster novel conversations and ideas between organizations.

In these updates, we will provide a summary of the data and tasks that have been completed, make note of interesting observations and provide relevant comments when applicable. In this introductory update, we will summarize all the work that has occurred since the start of field season. Future updates will be shorter and to the point relative to the previous month.

Field work for the Middle St. Croix Watershed Management Organization started on April 25th. In the month of May the following work was completed:

- Elevation gages at Lake McKusick and Lily Lake were successfully installed for the 2018 season. The zero elevations were calculated and submitted to the MNDNR.
- Routine CAMP water quality sampling occurred on Lily and McKusick Lakes in early and late May. Initial observations were in line with what is expected for the early part of the year. Secchi transparency on Lily lake was 11.5 feet in May 21st.
- Streamflow loggers were installed at the Perro Diversion Structure on 5/17. 3 site visits occurred in the month of May, work included collection of 1 water quality sample and general site maintenance/checks.
- The Greeley St. flow logger was installed on 4/25.
- The first of seven *E. coli* sampling runs was conducted on May 22nd. Samples were successfully collected at all 10 monitoring locations.

We hope that you find this information useful. Please let us know if for any reasons you do not want to receive these monthly updates moving forward. We will be providing them to all 8 Watershed Organizations that we partner with, but we acknowledge that some will be much more detailed than others so monthly updates may not be necessary.

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MEMORANDUM

TO: Middle St. Croix WMO Board of Managers
FROM: Mike Isensee, Administrator
DATE: June 14, 2018
RE: 7a) Perro Creek Shoreline Restoration Cost Share Application

The Bayport Girl Scouts Troop 56631 of Bayport are working in partnership with the City of Bayport and the MSCWMO to restore native buffers on both sides of Perro Creek for 100 linear feet along the Southwest side of Perro Park in Bayport. The proposed 5.0' buffer on either side of the shoreline will reduce shoreline erosion, block grass clippings from discharging into the creek, and re-establish native habitat along the creek corridor.

The Girl Scouts have been educating landowners about the event, have raised \$200 toward the purchase of materials, and will be planting the buffer on June 30, 2018 and helping to water the new plants and remove weeds through September 2018.

Technical staff recommend allocating \$2,000 from the cost share budget for the purchase of materials, site preparation (herbicide, hard raking and erosion control blanket installation), native planting event coordination, post planting watering and weed control.

Example Motion

Motion board member 1, second board member 2 to approve expenditures from the MSCWMO Cost Share budget not to exceed \$2,000 for the Perro Creek Native Shoreline Restoration.

Perro Creek Park

Streambank Buffer Planting

GENERAL NOTES

- 1) Plant all plugs at 18" spacing on center
- 2) Plant according to zones on plan, adjust in field as needed
- 3) Install NAG S75 straw erosion control blanket with biodegradable netting on stream banks and slopes. Two rolls at 6.5' wide by 108' long each. Include 2 boxes of 4" metal staples.
- 4) If plugs are root-bound, score roots with box cutter or untwist by hand to loosen root mass before planting.
- 5) Water in plants the day of planting unless rainfall is in the 24-hour forecast

PLANTING NOTES

Stream Zone

(450sf, 192 plugs)

<i>Iris versicolor</i>	qty 48
<i>Carex comosa</i>	qty 36
<i>Carex hystericina</i>	qty 36
<i>Carex stricta</i>	qty 36
<i>Lobelia siphilitica</i>	qty 36

Seedmix Matrix
C scoparia, C sprengelii, J tenuis

Upland Zone

(1100sf, 540 plugs)

<i>Asclepias incarnata (sunny)</i>	qty 36
<i>Aster ericoides</i>	qty 48
<i>Bromus kalmii (or similar)</i>	qty 96
<i>Carex brevior</i>	qty 96
<i>Monarda fistulosa</i>	qty 72
<i>Pycnanthemum virginianum</i>	qty 72
<i>Bouteloua curtipendula</i>	qty 72
<i>Zizia aurea</i>	qty 48

Seedmix Matrix
C brevior, K macrantha, J tenuis

*Culvert Zone (optional)







(250sf, 132 plugs)

<i>Asclepias incarnata</i>	qty 36
<i>Bouteloua curtipendula</i>	qty 96
<i>Nepeta x fassennii</i>	qty 18

↳ (#1 pots Walker's Low Catmint...optional)

MATERIAL LIST

Plugs = 868 plugs
 Seedmix Stream: 0.5 lb
 Seedmix Upland: 1.0 lb
 Erosion Control Blanket = 160sy (2rolls)
 6" Fabric Stables = 1x 1000 ct box
 Seedmix = 1 lb each for 2 mixes
 Catmint (optional) = 18 #1 pots

-  Stream Centerline
-  Stream Edge
-  Upland Zone
-  Stream Zone
-  Culvert Zone
-  Existing Raingarden



1 **Planting Layout**
 Scale: 1" = 10 ft

Cost Estimate

MIDDLE SAINT CROIX WATERSHED DISTRICT MSCWMO Cost-Share

Middle St. Croix Watershed
Management Organization
c/o Washington Conservation District
455 Hayward Ave
Oakdale, MN 55128
phone: 651.275.1136 ext 22



Landowner: City of Bayport
Project Address: Perro Creek Park, 374 2nd St N, Bayport
Mailing Address: Same
Property Pin:
4/25/2018

Job Description	Cost Summary		
1800 sf buffer planting on Perro Creek. Materials-Only budget equals \$1,512. Seedbed prep and deliveries can be coordinated with WCD and MCC.	Project Cost =	\$ 5,970.71	Phosphorus Reduction (lbs/yr)
	Cost Share =	\$ 500.00	TP= 0.50

Job Estimate				
Erosion Control Materials	Qty	Unit	Unit Cost	Amount
Securing Staples (6", 1000/ctn)	1	carton	\$ 68.20	\$ 68.20
EC Blanket S-75BN BioNet	2	roll	\$ 94.77	\$ 189.53
Erosion Control Subtotal				\$ 257.73
Compost, Mulch, and Rock				
Compost, Mulch, and Rock Subtotal				\$ -
Drainage Accessories				
Drainage Subtotal				\$ -
Plants, Shrubs, and Trees				
Native plug	868	each	\$ 1.00	\$ 868.00
#1 Pot	18	each	\$ 8.00	\$ 144.00
Seedmix (sedge blend, custom)	0.05	acre	\$ 1,616.00	\$ 80.80
Seedmix (sedge blend, custom)	0.10	acre	\$ 1,616.00	\$ 161.60
Plants Subtotal				\$ 1,254.40
Excavation and Grading				
Watering	1	job	\$ 500.00	\$ 500.00
Turf Kill and seed bed prep	1	job	\$ 500.00	\$ 500.00
Excavation and Grading Subtotal				\$ 1,000.00
Misc				
Plant Delivery	1	job	\$ 150.00	\$ 150.00
Misc Subtotal				\$ 150.00
ADDITIONAL NOTES			PROJECT SUBTOTALS	
			Materials	\$ 257.73
			Plants	\$ 1,254.40
			Excavation/Grading	\$ 1,000.00
			Misc	\$ 150.00
			Materials Estimate	\$ 1,512.13
			Labor Estimate	\$ 4,174.26
			Contingency 5%	\$ 284.32
			Project Estimate	\$ 5,970.71

COST SHARE ESTIMATE	Cost-Share	\$500.00
MSCWMO Cost-Share		
MSCWMO pays 50% of BMP installation cost (up to \$500 grant award) or a \$250 Blue Thumb Plant Grant		

Summary	Project Cost	Phosphorus Removed	Cost Share Grant
Project Item	\$5,970.71	TP= 0.50	\$500.00

MIDDLE ST. CROIX WATERSHED MANAGEMENT ORGANIZATION

455 Hayward Avenue N. Oakdale, MN 55128
Phone 651.330.8220 x22 fax 651.330.7747 www.mscwmo.org



MEMORANDUM

TO: Middle St. Croix WMO Board of Managers
FROM: Mike Isensee, Administrator
DATE: June 14, 2018
RE: 7b) Fix Raingarden #1 Cost Share Application

Grace Fix is requesting a MSCWMO Water Quality grant to install a 200 square foot raingarden on the west side of her property located along Lake St. Croix at 1975 Quant Avenue in Lakeland.

Staff recommend approval.

Example Motion

Motion Board Manager 1, second Board Manager 2 to approve reimbursement of expenses not to exceed \$500.00 for the Fix Raingaden #1. .

Cost Estimate

MIDDLE SAINT CROIX WATERSHED DISTRICT

MSCWMO Cost-Share

Landowner: Grace Fix
 Project Address: 1975 Quant Ave N, Stillwater
 Mailing Address: Same
 Property Pin:
 4/6/2018



Job Description	Cost Summary		
Raingarden #1: 200 sq ft, 6" depth. This raingarden will infiltrate water from the roof and driveway. This raingarden will be located to the south of the existing raingarden and will utilize the existing drain tile connection.	Project Cost =	\$ 2,061.78	Phosphorus Reduction (lbs/yr)
	Cost Share =	\$ 500.00	TP= 0.19

Job Estimate				
<u>Erosion Control Materials</u>	Qty	Unit	Unit Cost	Amount
Edging (Bullet Paver Edger- Interloc 3.375"x11.75")	60	each	1.12	\$ 67.20
Erosion Control Subtotal				\$ 67.20
<u>Compost, Mulch, and Rock</u>				
Double-Shredded Hardwood Mulch (3" depth)	2.0	cy	\$ 32.00	\$ 64.00
River Rock (1.5"-2.5", bulk)	1.0	ton	\$ 47.00	\$ 47.00
Compost	2.0	cy	\$ 38.00	\$ 76.00
Compost, Mulch, and Rock Subtotal				\$ 187.00
<u>Drainage Accessories</u>				
Grate, Atrium Grate	1	each	\$ 7.00	\$ 7.00
Coupling- 4"	1	each	\$ 2.20	\$ 2.20
Drainage Subtotal				\$ 7.00
<u>Plants, Shrubs, and Trees</u>				
Native plug	110	each	\$ 1.00	\$ 110.00
Plants Subtotal				\$ 110.00
<u>Excavation and Grading</u>				
Turf Kill and Grading	3	hour	\$150.00	\$ 450.00
Excavation and Grading Subtotal				\$ 450.00
<u>Misc</u>				
Soil Delivery	1	job	\$ 100.00	\$ 100.00
Rock Delivery	1	job	\$ 100.00	\$ 100.00
Mulch Delivery (14cy/load)	1	job	\$ 100.00	\$ 100.00
Plant Delivery	1	job	\$ 100.00	\$ 100.00
Misc Subtotal				\$ 400.00
ADDITIONAL NOTES			PROJECT SUBTOTALS	
			Materials	\$ 261.20
			Plants	\$ 110.00
			Excavation/Grading	\$ 450.00
			Misc	\$ 400.00
			Materials Estimate	\$ 371.20
			Labor Estimate	\$ 1,592.40

	Contingency 5%	\$	98.18
	Project Estimate	\$	2,061.78

COST SHARE ESTIMATE	Cost-Share	\$500.00
MSCWMO Cost-Share		
MSCWMO pays 50% of BMP installation cost (up to \$500 grant award) or a \$250 Blue Thumb Plant Grant		

Summary	Project Cost	Phosphorus Removed	Cost Share Grant
Project Item	\$2,061.78	TP= 0.19	\$500.00



KEY TO FEATURES

 Parcels



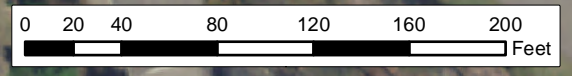
NAME
ADDRESS
CITY

PIN:

2016 Aerial Photo



1 in = 80 ft



- Front Raingarden Catchment
2270 sq ft
- Back Raingarden Catchment
9260 sq ft
- Property Boundary

Project Summary:

To infiltrate stormwater runoff from the surrounding yard and roof, a 400 sq ft raingarden will be installed on the east side of the house. A grass swale will be created to convey water from the downspouts to the raingarden. In the front yard, a 200 sq ft will be installed. A dry creek bed interplanted with native sedges will help carry runoff from the drain tile pop up to the raingarden. As an alternative to the dry creek bed, a grass swale can be substituted.

1 Fix Concept
Scale: 1" = 20 ft



- Raingarden #2: 400 sq ft (6" depth)
Catchment: 9260 sq ft | Impervious Cover: 27%
Load Reduction:
TP = 0.58 lb/yr
TSS = 32.03 lb/yr
- Dry Creek Bed will Convey runoff from existing draintile to RG inlet (Optional)
- Raingarden #1: 200 sq ft (6" depth)
Catchment: 2270 sq ft | Impervious Cover: 72%
Load Reduction:
TP = 0.19 lb/yr
TSS = 17.5 lb/yr



Washington Conservation District
455 Hayward Ave N
Oakdale, MN 55128
(651) 330-8220
www.mnwcd.org

MIDDLE ST. CROIX WATERSHED MANAGEMENT ORGANIZATION
455 Hayward Ave N
Oakdale, MN 55128
(651) 330-8220 xt 22
www.mscwmo.org

Project Address
1975 Quant Ave N, Stillwater
Project Manager
Lauren Haydon
Washington Conservation District

Project Title
Fix Raingarden
Sheet Title
Concept Design

CAD File Name
Fix Concept Design.vwx
Revision
Drawn By
Reviewed By
Date
4/11/2018

Scale
Sheet No.
Sht-1
of
1

MIDDLE ST. CROIX WATERSHED MANAGEMENT ORGANIZATION

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MEMORANDUM

TO: Middle St. Croix WMO Board of Managers
FROM: Mike Isensee, Administrator
DATE: June 14, 2018
RE: 7c) Lakeland Native Slope Stabilization

Sally Arneson has completed the year-long Master Water Steward training and is now working on her Capstone Project. The project is working in partnership with the City of Lakeland to stabilize an eroding slope located on the west side of Quixote Avenue, upgradient of the iron enhanced sand filter. Currently, the toe of the slope is eroding as water flows down along the pavement and the slope.

The capstone project proposes to install native plants and erosion control blanket where needed to more effectively stabilize the 3,500 square foot slope. The City and the Ms. Arneson are requesting the \$500 water quality improvement grant.

Total project costs are estimated at \$1,500, for the purchase of erosion control blanket and 1,300 native plant plugs.

Staff recommend approval of a \$500.00 water quality improvement grant.

Example Motion

Motion Board Manager 1, second Board Manager 2 to approve reimbursement of expenses not to exceed \$500.00 for the Lakeland Native Slope Stabilization Project.

MIDDLE ST. CROIX WATERSHED MANAGEMENT ORGANIZATION

455 Hayward Avenue OAKDALE, MINNESOTA 55128
Phone 651.275.1136 x22 www.mscwmo.org



Landscaping for Habitat and Water Quality Grant Application Form

1. Contact Information

Name <i>SALLY ARNESON</i>			
Address <i>745 N. QUIXOTE / mailing 1004 S. HARRIET</i>			
City <i>Lakeland / Stillwater</i>		State <i>MN</i>	Zip Code <i>55082</i>
Project Location (if different than above)			
Lake or Stream (if applicable) <i>ST. CROIX RIVER</i>		Previous Grant Recipient? What Project?	
Home Phone <i>651-303-3642</i>		Work or Cell Phone	
Email Address <i>sallyarnesons@gmail.com</i>		Other Contact Info	

2. Project Type Raingarden Native Slope Stabilization Native Shoreline

3. Source of Runoff Roof Driveway Other (specify) *city street*

4. Project Measurements

Size of Runoff Area (square feet) <i>1.7 acres</i>	Size of Raingarden / Native Slope Stabilization / Native Shoreline (square feet) <i>1.7 acres</i> <i>3500 SQ. FT</i>
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5. Attach Project Plans and Completed Cost Estimate Worksheet.


I certify to the best of my knowledge that the information included in this application is true, complete, and accurate. I acknowledge that if approved, cost share funding expires on **November 30, 2018**, unless an extension is granted by the MSCWMO prior to the expiration.

Signature of Applicant/Contact <i>Sally Arneson</i>	Date <i>5/25/2018</i>	Signature of Property Owner <i>JAMES R. STANTON</i>	Date <i>5/25/18</i>
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Grants Policy

1. Eligible project types are limited to native slope stabilization, raingardens and native shoreline stabilizations that demonstrate compliance with MSCWMO technical recommendations.
2. Grant applicants must successfully complete an East Metro Watershed Education Program presentation and submit a grant application, project plan and cost estimate for the watershed to review and approval prior to beginning the installation. (Grant is not retroactive)
3. Watershed staff will review applications, select grant recipients, verify completed projects and distribute grants in accordance to program policy.
4. Applications requesting grant approval will be reviewed in two application rounds. Application must be received by a round's start date and awarded grants automatically expire if the project is not completed by the end date of the round it was awarded in.
5. The Landscaping for Habitat Grant amount is limited to \$250.00 per approved application.
6. The Landscaping for Water Quality amount is limited to \$500.00 per approved application. Qualifying projects must be raingardens or native shoreline restorations within the direct discharge areas of Lily Lake, Lake McKusick, Lake St. Croix or Perro Creek.
7. Only one grant allowed per applicant per year. Applications not approved in a preceding round may be resubmitted for review in following rounds.
8. Staff will prioritize grant awards based on watershed location, proximity to water resources and potential to provide water quality benefits.
9. Grants are subject to funding availability and may be discontinued or subject to policy revisions by the Board as it determines to be appropriate.

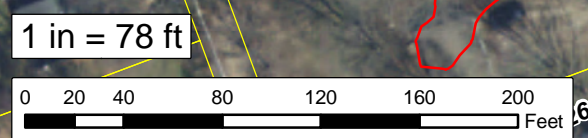
KEY TO FEATURES

-  Parcels
-  2 ft Contours (LiDAR)
-  Wellhead Protection Area
-  MUNICIPALITIES



NAME: Sally Arneson
 ADDRESS
 CITY
 PIN:

2016 Aerial Photo





MEMORANDUM

TO: Middle St. Croix WMO Board of Managers
FROM: Mike Isensee, Administrator
DATE: June 14, 2018

RE: 7d) Meyer Native Prairie Restoration Grant Application, Baytown Township

Chuck Meyer is contracted Prairie Restorations Incorporated to convert 8,000 ft² of turf to prairie at his property located at 3491 Pete Miller Avenue, North in Baytown Township. The total cost for the installation based on submitted receipts was \$4,030.00. Modeling predicts the conversion from turf to prairie will reduce phosphorous loading by 0.15 lbs. per year. This project was awarded a MSCWMO Landscaping for Habitat Grant at the July 13, 2017 Board Meeting.

MSCWMO Technical Staff have certified the installation meets standards and germination of seed was successful. Staff recommend reimbursement of \$250.00.



Meyer Native Prairie Restoration Grant Application, Baytown Township

Motion by Board Member 1, seconded by Board Member 2, to reimburse \$250 for the 8,000 square foot turf to prairie restoration at 3491 Pete Miller Avenue, Baytown Township.



Prairie Restorations, Inc.
31646 128th Street
Princeton MN 55371
United States
763-389-4342

#7835

07/31/2017

Bill To

Charles Meyer
3491 Pete Miller Ave N
Stillwater MN 55082
United States

Amount Due

\$680.00

Ship To

Charles Meyer
3491 Pete Miller Ave N
Stillwater MN 55082
United States

PO #

Terms

Due Date

Net 30

08/30/2017

Sales Rep

Shipping Method

Ship Date

JLW

Internal Shipping

07/31/2017

Project	Quantity	Units	Item	Rate	Amount
PRJ4469 Meyer, Charles 2017 Prairie Install			First & second of 3 site preparation herbicide sprays on about 1/2 acre @ \$340 each. Sprayed on: 6-5-17 & 7-28-17		\$680.00

Subtotal	\$680.00
Shipping and Handling	\$0.00
Tax Total (%)	\$0.00
Amount Paid	-\$0.00
Amount Due	\$680.00

Memo:

Note:

Accounts not paid in full within 30 days of the invoice date will have monthly finance charges added at a rate of 1.5%.

*Down Payment
Applied to this.
No Payment Due*

*Stephanie
8/8/17 10:00am*

Prairie Restorations, Inc.
 31646 128th Street
 Princeton MN 55371
 United States
 763-389-4342

#9990

11/14/2017

Bill To

Charles Meyer
 3491 Pete Miller Ave N
 Stillwater MN 55082
 United States

Amount Due

\$2,897.00

Ship To

Charles Meyer
 3491 Pete Miller Ave N
 Stillwater MN 55082
 United States

PO #

Terms

Due Date

Net 30

12/14/2017

Sales Rep

Shipping Method

Ship Date

JLW

Internal Shipping

7/31/2017

Project	Quantity	Units	Item	Rate	Amount
PRJ4469 Meyer, Charles 2017 Prairie Install			3 ^{ed} site preparation herbicide sprays on about 1/2 acre @ \$340 each Last spray done on October 17, 2017		\$340.00
PRJ4469 Meyer, Charles 2017 Prairie Install	1		Seed, Seeding, mulching, erosion blanket 12,000 square feet prairie 9,300 square feet fescue 300 native plugs installed 18 of 72 native 4" pots installed Seeding, erosion control, & plants completed 11-8-17 through 11-14-17		\$3,277.00
PRJ4469 Meyer, Charles 2017 Prairie Install				(\$200.00)	(\$200.00)

Subtotal	\$3,417.00
Shipping and Handling	\$0.00
Tax Total (%)	\$0.00
Amount Paid	-\$520.00
Amount Due	\$2,897.00

Memo:

Thank you!

CK # 1057

Prairie Restorations, Inc.
 31646 128th Street
 Princeton MN 55371
 United States
 763-389-4342

#11082

5/3/2018

Bill To

Charles Meyer
 3491 Pete Miller Ave N
 Stillwater MN 55082
 United States

Amount Due

\$378.00

Ship To

Charles Meyer
 3491 Pete Miller Ave N
 Stillwater MN 55082
 United States

PO #	Terms	Due Date
	Net 30	6/2/2018

Sales Rep	Shipping Method	Ship Date
JLW	Internal Shipping	11/14/2017

Project	Quantity	Units	Item	Rate	Amount
PRJ4469 Meyer, Charles 2017 Prairie Install	1		Install remaining 54 --4" pots on May 2, 2018 (18 of 72 were installed on 11-14-2017)		\$378.00

Subtotal	\$378.00
Shipping and Handling	\$0.00
Tax Total (%)	\$0.00
Amount Paid	-\$0.00
Amount Due	\$378.00

Memo:

Note:

Accounts not paid in full within 30 days of the invoice date will have monthly finance charges added at a rate of 1.5%.

*ck #1077
5/20/18*