### MIDDLE ST. CROIX WATERSHED MANAGEMENT ORGANIZATION

455 HAYWARD AVENUE, OAKDALE, MINNESTOA 55082 Phone 651.796.2227 fax 651.330.7747 www.mscwmo.org

# Regular Meeting of the Middle St. Croix Watershed Management Organization Remotely held as posted on www.mscwmo.org

Physical location - Washington Conservation District, 455 Hayward Ave N Thursday, May 8<sup>th</sup>, 2025 6:00PM

- 1. Call to Order 6:00PM
  - a. Approval of Agenda
- 2. Approval of Minutes
  - a. Draft minutes April 10<sup>th</sup>, 2025 pg. 1-7
- 3. Treasurer's Report
  - **a.** Report of savings account, assets for May 8<sup>th</sup>, 2025
  - **b.** Approve payment of bills for May 8<sup>th</sup>, 2025
- 4. Public Comment
- 5. Watershed Management Plan Update
  - a. See Staff Report
- 6. Old Business
- 7. New Business
  - a. 2026 Draft Budget pg. 8
- 8. Grant and Cost Share Applications
  - a. Denuei Stewardship Grant Request pg. 9
  - b. Dibble Stewardship Grant Request pg. 10
  - c. Kelly Stewardship Grant Request pg. 11
- 9. Plan Reviews/Submittals
  - a. Plan Review and Submittal Summary pg. 12
    - i. 16670 8<sup>th</sup> St S **pg. 13-16**
    - ii. 850 Quixote Ave N pg. 17-21
    - iii. 16855 21st St S pg. 22-25
    - iv. 13 Point Rd pg. 26-29
  - b. Erosion and Sediment Control Inspection Reports pg. 30-62
- 10. Staff Report pg. 63-65
- 11. 1W1P Updates
  - a. Minor Amendment to LSCWMP pg. 66-74
  - b. LSC FY23 WBIF Work Plan Revision pg. 75-76
- 12. Other
- 13. Adjourn



### **Draft Minutes, Pending Board Approval**

Regular Meeting of the Middle St. Croix Watershed Management Organization Washington Conservation District, 455 Hayward Ave N

Thursday, April 10<sup>th</sup>, 2025
6:00PM

Present: Annie Perkins, Afton; Brian Zeller, Lakeland Shores; Mike Runk, Oak Park Heights; Ryan Collins, Stillwater; Rachel Dana, West Lakeland; Tom Grahek, St. Mary's Point; Dave Millard, Lakeland; Administrator Matt Oldenburg-Downing; Amanda Herbrand, WCD; Erik Anderson, WCD

Audience: Tom McCarthy (remote), Dawn Bulera (remote)

### Call to Order

Manager Perkins called the meeting to order at 6:01PM.

### **Approval of Agenda**

Manager Collins motioned to approve the agenda. Manager Dana seconded the motion.

The motion carried on a roll call vote with all in favor.

### **Approval of Minutes**

Manager Millard motioned to approve the draft February 13<sup>th</sup>, 2025 board meeting minutes, Manager Dana seconded the motion. The motion carried. Manager Runk abstained from the vote.

### **Treasurer's Report**

Manager Perkins presented the treasurer's report. The ending checking account balance for February was \$139,748.99 and the ending balance for March was \$102,344.07. First Bank CD's were valued at \$213,549.15. The ending value on the RBC savings account from February was \$98,315.83. Manager Runk motioned to approve the report of the savings account and assets for April 10<sup>th</sup>, 2025. Manager Collins seconded the motion. The motion carried with all in favor.

Bills to approve are eight bills to the Washington Conservation District for admin (February, March), watershed plan (February, March), EMWREP, water monitoring, and technical services (February, March) totaling \$30,891.71. Additionally, there are bills for the League of MN Cities (\$2,736.00) and Frog Creek Partners, LLC (\$15,920.00). The total for all bills to pay is \$49,547.71. Manager Collins motioned to approve payment of bills for \$49,547.71 for April 10, 2025. Manager Runk seconded the motion. The motion carried with all in favor.

### **Public Comment**

None

### **Watershed Management Plan Update**

None

### **Old Business**

None

### **New Business**

### **Water Quality Monitoring 2024 Summary**

Erik Anderson from the Washington Conservation District (WCD) presented the 2024 Water Quality Monitoring Summary. WCD staff monitor Lily and McKusick lakes, which in 2024 received grades of A and C+ respectively. Macrophyte surveys were conducted on both lakes in 2024. For stream monitoring, the WCD monitors Perro Creek and also monitors the Brown's Creek Diversion Structure in Brown's Creek Watershed District which diverts flow to McKusick Lake. High precipitation in spring and summer led to higher flow and higher total phosphorus and total suspended solids loads. The presentation notes that in 2024 sediment within the diversion structure area raised the streambed.

Manager Zeller asks if any monitoring is conducted on the St. Croix River. Administrator Oldenburg-Downing notes that historically monitoring was done by State agencies, but that he hasn't seen any recent reports. Manager Zeller asks that Administrator Oldenburg-Downing investigate and follow up.

The full 2024 Water Quality Monitoring Report Draft is included in the board packet for board review. Manager Zeller motioned to finalize the 2024 Water Quality Monitoring Report Draft. Manager Collins seconded the motion. The motion carried with all in favor.

### Water Quality Monitoring Equipment Repair Request

Winter testing of water monitoring equipment revealed problems with the Perro Creek Diversion stage and velocity sensor and was deemed not repairable by the manufacturer. Washington Conservation District monitoring staff are requesting approval for equipment replacement expenditures not to exceed \$2,450.00 to the Washington Conservation District for a new sensor with an extended warranty. The equipment will be operated by the Washington Conservation District but will be owned by MSCWMO as was the case with the previous sensor.

Manager Zeller motioned to approve payment of up to \$2,450.00 to the Washington Conservation District for equipment expenditures. Manager Dana seconded the motion. The motion carried with all in favor.

### **Grant and Cost Share Applications**

### ArtReach St. Croix Stewardship Grant Request

Heather Rutledge, Executive Director of ArtReach St. Croix in Stillwater, is applying for a MSCWMO Stewardship Grant to install a 350 square-foot native pollinator garden to provide habitat for birds, pollinators, and other wildlife on the ArtReach St. Croix property located at 224 4th St N, Stillwater, MN 55082. The garden will be open to the public and used as an opportunity to educate visitors on the importance of native landscaping in support of pollinators. Total project estimate is \$2,000.00 and cost share requested is \$500.00.

Manager Collins motioned to approve encumbrance of \$500.00 cost share for the Rutledge/ArtReach St. Croix native pollinator garden. Manager Millard seconded the motion. The motion carried with all in favor.

### Lake St. Croix Beach Stewardship Grant Request

The City of Lake St. Croix Beach is applying for a MSCWMO Stewardship Grant to enhance a 500 sf area of bluffland on the St. Croix in partnership with Natural Shore Technologies. The project will include invasive species removal, seeding, and planting to restore native plant communities within the buffer. The total project estimate is \$1,500.00 and the cost share requested is \$500.00.

Manager Zeller motioned to approve encumbrance of \$500.00 cost share for the Lake St. Croix Beach Bluffland Enhancement Project. Manager Runk seconded the motion. The motion carried with all in favor.

### St. Croix United Water Quality Grant Request

St. Croix United Church is applying for the Landscaping for Water Quality Grant to replace an existing raingarden located in front of St. Croix United Church in Bayport (309 3rd St N, Bayport, MN 55003). The existing raingarden was originally constructed by the MSCWMO in partnership with the City in 2011, and is now evaluated as non-functional by WCD staff due to sediment accumulation and difficulties with the current "online" configuration. The proposed project would expand the garden onto church property, relocate the outlet, and add a more robust pre-treatment system for sediment capture. This project was identified as a priority retrofit location in the MSCWMO BMP Retrofit Analysis completed in 2024. The project will be funded in part by the Washington Conservation District (up to \$40,000) using FY22 Clean Water Fund dollars. The total project estimate is \$45,177.75 and it is anticipated to remove 2.16lbs of phosphorus.

Manager Zeller motioned to approve encumbrance of 50% of the match contributed by St. Croix United Church up to \$5,000.00 from the Water Quality Improvement Grant program for the installation of the St. Croix United Church Bioretention project. Manager Dana seconded the motion. The motion carried with all in favor.

### Plan Reviews/Submittals

Manager Zeller comments that he has received phone calls regarding construction projects along the river south of I-94 and states that there may be some confusion about the MSCWMO's process and involvement regarding project approvals. He reminds board members that the process for project approvals is that MSCWMO reviews the project and then makes a recommendation to the community, and the community then determines whether to approve it. He states communities have sometimes given approval to projects "subject to WMO approval" which is not the proper process. He states again that MSCWMO is not a permitting entity and also emphasizes that the scope of MSCWMO's review is very narrow, and recommendations given by MSCWMO are recommendations based only on the aspects of the project that MSCWMO looks at during the review process, such as bluff setbacks and water quality treatment concerns.

Manager Perkins mentions that City of Afton does often recommend approvals contingent upon approval from other entities. Administrator Oldenburg-Downing clarifies that some communities are entirely in MSCWMO, however some communities like Afton have large portions in other Watershed Districts. In the instance of Afton, most of the community is in Valley Branch

Watershed District, which is a permitting entity unlike MSCWMO, meaning City permits contingent on VBWD approval would be appropriate, versus City permits contingent on MSCWMO approval.

### 10 Point Road - ACTION

Submittal items were received on February 13th, 2025 for the proposed residential reconstruction within the MSCWMO boundaries and the City of Bayport. The proposed project qualifies for full review under the MSCWMO 2015 Watershed Management Plan (WMP) since it involves reconstruction of more than 500 square feet of new impervious surface in the St. Croix Riverway and grading impacts within the bluffline setback. Revised materials were submitted on February 24th, 2025. The proposed project fully complies with MSCWMO volume control performance standards with green roof and pervious pavement for stormwater management. MSCWMO staff recommends approval with two conditions:

- 1. OHWL elevations and setbacks are shown correctly on plans and a variance for the OHWL and bluffline setbacks is approved by the City of Bayport.
- 2. Plans include the type and estimated quantity of stabilizing cover to be used over seeded areas for erosion prevention.

Manager Zeller asks if it makes sense to state more clearly in MSCWMO recommendations what was reviewed and approved, and that other issues such as impervious coverage or building height need to be reviewed further. Manager Perkins states that she thinks it would be helpful. Administrator Oldenburg-Downing states he will do that moving forward.

Manager Zeller motioned to approve the 10 Point Road project with the two conditions. Manager Runk seconded the motion. The motion carried with all in favor.

### West Lakeland Road Improvements – ACTION

Submittal items were received on February 19th, 2025 for street improvements within the MSCWMO boundaries and West Lakeland Township. The proposed project qualifies for full review under the MSCWMO 2015 Watershed Management Plan (WMP) since it involves grading moving more than 100 cubic yards of material or removal of vegetation on greater than 10,000 square feet of land. The project does not create or fully reconstruct impervious surfaces and does not require permanent stormwater management features. The proposed project fully complies with MSCWMO sediment and erosion control performance standards. MSCWMO staff recommends approval.

Manager Perkins motioned to approve the West Lakeland Road Improvements project. Manager Grahek seconded the motion. The motion carried with all in favor.

### 16757 25th St S. - ACTION

Submittal items were received on February 20th, 2025 for the residential reconstruction at 16757 25th St S located within the MSCWMO boundaries and the City of St. Mary's Point. The proposed project qualifies for full review under the MSCWMO 2015 Watershed Management Plan (WMP) since it involves reconstruction of more than 500 square feet of impervious surface in the St. Croix Riverway. Revised materials were submitted on March 31st, 2025. The project

meets MSCWMO volume control performance standards with four proposed raingardens. MSCWMO staff recommends approval with one condition:

1. City floodplain administrator shall confirm vehicular access requirements of the NFIP are met.

Manager Zeller motioned to approve the 16757 25<sup>th</sup> St S. project with the one condition. Manager Dana seconded the motion. The motion carried with all in favor.

### 1045 Quentin Ave S. – ACTION

Submittal items were received on February 27th, 2025 for deck and stairway construction at 1045 Quentin Ave S within the MSCWMO boundaries and the City of Lakeland. The proposed project qualifies for full review under the MSCWMO 2015 Watershed Management Plan (WMP) since it involves a variance from local bluffline setback zoning requirements. The proposed project demonstrates complies with MSCWMO erosion and sediment control performance standards. MSCWMO staff recommends approval with three conditions:

- 1. Redundant rows of perimeter control are planned and provided down gradient of stair removal.
- 2. Downspouts are directed away from blufflines when feasible and do not extend into building setbacks.
- 3. A city variance is approved for the construction of a pervious deck system within the 40' bluffline setback.

Manager Dana motioned to approve the 1045 Quentin Ave S. project with the three conditions. Manager Grahek seconded the motion. The motion carried with all in favor.

### 2025 Stillwater Streets - ACTION

Submittal items were received on February 7th, 2025 for the proposed 2025 Stillwater Street Improvement Project within the MSCWMO boundaries and the City of Stillwater. The proposed project qualifies for full review under the MSCWMO 2015 Watershed Management Plan (WMP) since it creates or fully reconstructs 6000 square feet or more of impervious surface. Revised submittal materials that address initial comments were received on March 11th, 2025. The project complies with MSCWMO volume control performance standards utilizing boulevard tree boxes for volume retention. MSCWMO staff recommends approval.

Manager Zeller motioned to approve the 2025 Stillwater Streets project. Manager Grahek seconded the motion. The motion carried with all in favor.

### 115 Lakeland Shores Rd. - ACTION

Submittal items were received on March 20th, 2025 for a proposed garage, driveway expansion and septic replacement at 115 Lakeland Shores Rd N within the MSCWMO boundaries and the City of Lakeland Shores. The proposed project qualifies for full review under the MSCWMO 2015 Watershed Management Plan (WMP) since it creation of more than 500 square feet of impervious in the St. Croix Riverway. The proposed project demonstrates complies with MSCWMO volume control standards with a proposed raingarden for volume retention. MSCWMO staff recommends approval with three conditions:

- 1. Plans are amended to include required information such as the OHW, blufflines, and floodplains as well as the contact information of person responsible for ESC compliance.
- 2. Infiltration practice is shown to be in compliance with private well setback requirements.
- 3. The specific erosion control blanket is replaced with a product that uses natural netting.

Manager Zeller motioned to approve the project with the three conditions. Manager Grahek seconded the motion. The motion carried with all in favor.

### Stillwater 2<sup>nd</sup> Street Parking Lot – ACTION

Submittal items were received on March 20th, 2025 for the proposed 2025 Stillwater Parking Lots and Trails Project which is partially within the MSCWMO boundaries. The proposed project qualifies for full review under the MSCWMO 2015 Watershed Management Plan (WMP) since it creates or fully reconstructs 6000 square feet or more of impervious surfaces. The majority of the new impervious portions of the project are in Brown's Creek Watershed District (BCWD) and the project is going through the BCWD permitting process. The MSCWMO portions of the project involve less than 6,000 square feet of new/reconstructed impervious and were reviewed for conformance with MSCWMO erosion and sediment control performance standards. MSCWMO staff recommends approval.

Manager Perkins motioned to approve the Stillwater 2<sup>nd</sup> Street Parking Lot project. Manager Collins seconded the motion. The motion carried with all in favor.

### **Erosion and Sediment Control Inspection Reports**

There are two erosion and sediment control reports included in the packet. The first is for the Lakeland Shores Properties, LLC project on 3/18/25 which received a C grade, meaning the site was not in compliance. Inspector noted that the site disturbs more than 1 acre of land and would therefore qualify for a state permit and additional erosion control requirements. Additional practices were discussed on site.

The second report is for the Cheep Storage Lakeland Expansion (CSLXP) Project on 3/17/25 which received an A grade. At the time of inspection construction had not yet begun on site.

### **Staff Report**

Administrator Oldenburg-Downing presented the staff report. Water monitoring is preparing to begin. In addition to the two reports conducted earlier, spring reminders were distributed to active sites for erosion and sediment control activities. The 10-Year Management Plan Update is currently in its review period, the draft was sent to review agencies on February 28, 2025. Administrator Oldenburg-Downing attended several meetings throughout February and March, and conducted project reviews.

### **1W1P Updates**

Next Policy Committee Meeting is April 28<sup>th</sup>. Manager Zeller asks for confirmation that he is no longer the representative. Administrator Oldenburg-Downing states Manager Zeller is now the alternate, and Manager Millard is the representative. Manager Runk reminds Manager Millard he can request mileage reimbursement due to the travel distance for the meetings.

# **Draft Minutes, Pending Board Approval**

## Other

None

## Adjourn

Manager Perkins motioned to adjourn the meeting, Manager Dana seconded the motion. The meeting adjourned at 7:20PM.

MSCWMO 2026 Draft Budget

	202	5 MSCWMO Budget	202	26 MSCWMO Budget	% CHANGE
ADMINISTRATION					
Administration - General	\$	33,000.00	\$	34,000.00	3.03%
Accounting	\$	1,800.00	\$	1,880.00	4.44%
Legal Fees - General	\$	500.00	\$	500.00	0.00%
Audit	\$	5,500.00	\$	5,500.00	0.00%
Insurance & Bonds	\$	2,600.00	\$	2,600.00	0.00%
Office supplies/equipment/postage	\$	400.00	\$	400.00	0.00%
Minutes/Clerical	\$	1,400.00	\$	1,470.00	5.00%
Copying/printing/reproduction/minutes	\$	400.00	\$	400.00	0.00%
Admin Total	\$	45,600.00	\$	46,750.00	2.52%
PROJECT FUNDS					
Project Contingency	\$	2,000.00	\$	2,000.00	0.00%
Engineering - Project	\$	4.000.00		4,000.00	0.00%
Development Plan Reviews	\$	7,000.00	•	7,000.00	0.00%
Erosion Monitoring Program	\$	2,400.00	\$ 2,520.00		5.00%
BMP Cost-Share (general)	\$	15,000.00	\$ 15,000.00		0.00%
BMP TA & Admin		32,000.00	\$	34,000.00	6.25%
Community TA	\$	3,000.00	\$ 3,000.00		0.00%
Water Resource Educator	\$	6,700.00	\$	8,000.00	19.40%
Website	\$	900.00	\$ 900.00		0.00%
Inspections and Tracking Database	\$	900.00	\$ 500.00		-44.44%
Project Total	\$	73,900.00	\$	76,920.00	4.087%
WATER MONITORING					
Water Monitoring	\$	23,000.00	\$	23,000.00	0.00%
Water Monitoring Total		23,000.00	\$	23,000.00	0.000%
water Monitoring Total	T		Ψ		
LONG TERM PROJECT SAVINGS					
Water Monitoring - Set aside for equipment replacement & Monitoring Costs	\$	750.00	\$	750.00	0.00%
WMP Update		5,000.00	\$	5,000.00	0.00%
Savings Total	\$	5,750.00	\$	5,750.00	0.00%
MSCWMO Member Contribution Budget	\$	148,250.00	\$	152,420.00	2.81%
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**TO:** Middle St. Croix Board of Managers

**FROM:** Brett Stolpestad, Landscape Restoration Specialist, Washingon Conservation District

**DATE:** May 1, 2025

**RE:** Deneui Stewardship Grant Request

The City of Lakeland residents Bob and Gail Deneui are applying for a MSCWMO Stewardship Grant to enhance their 0.9-acre parcel at 16344 7th St Ct S with native trees, shrubs and perennial vegetation. The project will include invasive species management, seeding, and planting to enhance native plant diversity.

Project Estimate: \$946.00 (landowner labor @ \$30/hr + materials)

Amount of Phosphorus removed: n/a

Cost Share requested: \$500

**Requested Board Action:** Motion by Board Member 1, seconded by Board Member 2, to approve encumbrance of \$500 cost share for the Deneui Native Landscaping Project.

### **Location & Photos:**

16344 7th St Ct S, Lakeland, MN 55043



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**TO:** Middle St. Croix Board of Managers

**FROM:** Brett Stolpestad, Landscape Restoration Specialist, Washingon Conservation District

**DATE:** May 1, 2025

**RE:** Dibble/Waterford of the St. Croix Stewardship Grant Request

The City of Bayport resident Jim Dibble is applying for a MSCWMO Stewardship Grant to enhance Waterford of the St. Croix HOA property with native trees, shrubs and perennial vegetation. The project will include ash tree replacement and streambank enhancement along Perro Creek.

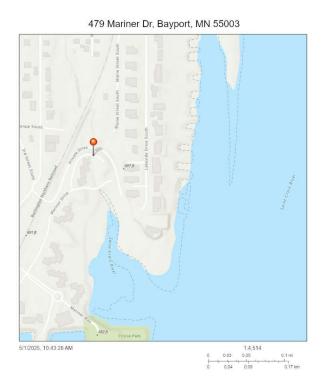
Project Estimate: \$857.00 (landowner labor @ \$30/hr + materials)

Amount of Phosphorus removed: n/a

Cost Share requested: \$500

**Requested Board Action:** Motion by Board Member 1, seconded by Board Member 2, to approve encumbrance of \$500 cost share for the Dibble/Waterford of the St. Croix Native Landscaping Project.

### **Location & Photos:**





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**TO:** Middle St. Croix Board of Managers

**FROM:** Brett Stolpestad, Landscape Restoration Specialist, Washingon Conservation District

**DATE:** May 2, 2025

**RE:** Kelly Stewardship Grant Request

City of Stillwater residents Tara and Colin Kelly are applying for a MSCWMO Stewardship Grant to enhance their landscape at 1323 1<sup>st</sup> St S. The project will include 150 square feet of native garden enhancement through addition of 40 native perennial plants.

**Project Estimate:** \$945 (landowner labor @ \$30/hr + materials)

Amount of Phosphorus removed: n/a

Cost Share requested: \$500

**Requested Board Action:** Motion by Board Member 1, seconded by Board Member 2, to approve encumbrance of \$500 cost share for the Kelly Landscaping Project.

### **Location & Photos:**

1323 1st St S, Stillwater, MN 55082





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**TO:** Matt Oldenburg-Downing, Administrator

FROM: Rebecca Nestingen, PE

**DATE:** April 4, 2025

RE: 9a) Plan Reviews/Submittals

The following is a summary of recent activity on projects submittals which qualify for plan review under the MSCWMO 2015 Watershed Management Plan (WMP):

- **16670** 8<sup>th</sup> **St S.** Submittal items were received on March 10<sup>th</sup>, 2025 for the proposed riprap and slope stabilization at 16670 7<sup>th</sup> St. South within the MSCWMO boundaries and the City of Lakeland. The proposed project qualifies for full review under the MSCWMO 2015 Watershed Management Plan (WMP) since it involves grading within 40' of the bluffline. *MSCWMO staff recommends approval with three conditions*.
- 850 Quixote Ave N. Submittal items were received on March 5<sup>th</sup>, 2025 for home and septic reconstruction at 850 Quixote Ave N within the MSCWMO boundaries and the City of Lakeland. The proposed project qualifies for full review under the MSCWMO 2015 Watershed Management Plan (WMP since it involves reconstruction of more than 500 square feet of impervious surface in the St. Croix Riverway and impacts within the bluffline setback. MSCWMO staff recommends the board discuss the construction within the bluffline setback and staff recommendation to revise and resubmit.
- **16855 21**<sup>st</sup> **St S.** Submittal items were received on March 19<sup>th</sup>, 2025 for the residential reconstruction at 16855 21<sup>st</sup> St S located within the MSCWMO boundaries and the City of Lake St. Croix Beach. The proposed project qualifies for full review under the MSCWMO 2015 Watershed Management Plan (WMP since it involves reconstruction of more than 500 square feet of impervious surface in the St. Croix Riverway and impacts within the bluffline setback. *MSCWMO staff recommends the board discuss the construction within the bluffline setback, a variance to Riverway impervious coverage limits and staff recommendation to revise and resubmit.*
- 13 Point Rd. Submittal items were received on April 15<sup>th</sup>, 2025 for the home reconstruction at 13 Point Road within the MSCWMO boundaries and the City of Bayport. The proposed project qualifies for full review under the MSCWMO 2015 Watershed Management Plan (WMP) since it involves reconstruction of more than 500 square feet of impervious surface in the St. Croix Riverway. The proposed project demonstrates complies with MSCWMO performance standards. MSCWMO staff recommends approval with four conditions.
- **880 Quixote Ave N.** Work was completed without MSCWMO review or a City permit which involved vegetation removal and grading on steep slopes at 880 Quixote Ave N in the City of Lakeland. MSCWMO staff and City of Lakeland staff coordinated on enforcement actions and a restoration plan.

April 18, 2025

Michelle Elsner City of Lakeland 690 Quinnell Ave N PO Box 321 Lakeland, MN 55043

Dear Ms. Elsner,

The Middle St. Croix Watershed Management Organization (MSCWMO) received revised submittal items on March 10<sup>th</sup>, 2025 for riprap installation and slope stabilization at 16670 7th St. South within the MSCWMO boundaries and the City of Lakeland. The proposed project qualifies for full review under the MSCWMO 2015 Watershed Management Plan (WMP) since it involves grading within 40-feet of the bluffline. The MSCWMO board recommends approval for this project with three conditions:

- 1. Ordinary High Water Level (680) and Base Flood Elevation (692) are shown on the plans.
- The plan provides notes for the installation time frames of erosion and sediment control measures, sediment tracking, inspections, and pollutant prevention (see highlighted items in checklist).
- Burial of drain tile is not permitted as an allowable exception of prohibited construction on steep slopes. The plans shall remove drain tile and direct runoff away from the bluff to the maximum extent practicable.

MSCWMO review process information can be downloaded from <a href="www.mscwmo.org">www.mscwmo.org</a>. Please contact me at 651-796-2227 or <a href="moldenburg-downing@mnwcd.org">moldenburg-downing@mnwcd.org</a> if you have any questions or comments regarding this correspondence.

Sincerely,

Matt Oldenburg-Downing | Administrator

Middle St. Croix Watershed Management Organization



# **SLR PROJECT REVIEW CHECKLIST**

MSCWMO Review ID: 25-007

Project Name: Hackman Erosion Control

**Applicant:** Tom Buckley

**Review Date: 4/18/2025** 

Location: 16670 7th St S, Lakeland

Purpose: Remediate the eroding slope

**Recommendation:** Approval with 3 conditions:

1. Ordinary High Water Level (680) and Base Flood Elevation (692) are shown on the plans.

- 2. The plan provides notes for the installation time frames of erosion and sediment control measures, sediment tracking, inspections, and pollutant prevention (see highlighted items in checklist).
- 3. Burial of drain tile is not permitted as an allowable exception of prohibited construction on steep slopes. The plans shall remove drain tile and direct runoff away from the bluff to the maximum extent practicable.

### **Submittal Items:**

- A completed and signed project review application form and \$350 review fee. Grading plan showing grading limits, existing and proposed site contour elevations related to NAVD 1988 datum (preferred) or NGVD, 1929. □ Location of proposed and existing permanent structures. Ordinary High Water (OHW) elevations and location of all existing water bodies. Location of all bluff lines. Construction is prohibited within the bluffline setback and on steep slopes. Exceptions are allowed for stabilization of slopes and installation of riprap. Subgrade installation of drain tile on steep slopes is not permitted. NA Lowest floor elevations of structures built adjacent to stormwater management features and other water bodies must be a minimum of two feet above the regulator flood protection elevation. Delineation of existing wetlands, shoreland, ordinary high water levels, drain tiling, and floodplain areas.
- Details of proposed buffer upslope of water resources including site and vegetation characteristics (when applicable).
- Location of the 100-year flood elevation, natural overflow elevation, and lowest floor elevations.
- ☐ Erosion and sediment control plan demonstrating locations, specifications, and details of the following items:
  - A. Erosion Prevention
    - i. Stabilize all exposed soil areas (including stockpiles) with temporary erosion control (seed and mulch or blanket) within 7 days after construction activities in the area have temporarily or permanently ceased.
    - ii. Identify location, type and quantity of temporary erosion prevention practices.
    - iii. Identify permanent vegetation.

#### B. Sediment Control

- Sediment control practices will be placed down-gradient before up-gradient land disturbing activities begin.
- ii. Identify the location, type and quantity of sediment control practices.
- iii. Vehicle tracking practices must be in place to minimize track out of sediment from the construction site. Streets must be cleaned if tracking practices are not adequate to prevent sediment from being tracked onto the street.
- C. Inspections and Maintenance
  - i. Applicant must inspect all erosion prevention and sediment control practices once every 7 days or after a ½" rain event to ensure integrity and effectiveness. All nonfunctional practices must be repaired, replaced or enhanced the next business day after discovery.
  - ii. Plans shall include contact information including email and a phone number of the person responsible for inspection and compliance with erosion and sediment control.
- D. Pollution Prevention
  - i. Solid waste must be stored, collected and disposed of in accordance with state law.
  - ii. Provide effective containment for all liquid and solid wastes generated by washout operations (concrete, stucco, paint, form release oils, curing compounds).
  - iii. Hazardous materials that have potential to leach pollutants must be under cover to minimize contact with stormwater.
- E. Final Stabilization
  - For residential construction only, individual lots are considered final stabilized if the structures are finished and temporary erosion protection and down gradient sediment control has been completed.
  - ii. Grading and landscape plans shall include soil tillage and soil bed preparation methods that are employed prior to landscape installation to a minimum depth of 8" and incorporate amendments to meet Minnesota State Stormwater Manual predevelopment soil type bulk densities.
    - Observe minimum setbacks for areas within the dripline of existing trees, over utilities within 30 in of the surface, where compaction is required by design and inaccessible slopes.

NA Details of proposed structural stormwater practices (Meets Minnesota Stormwater Manual guidelines)

- A. Stormwater flows are diverted away from bluffs whenever feasible.
- B. Volume control facilities must drain down within 48 hours, as required by the MPCA NPDES Construction Stormwater Permit.
  - i. The period of inundation shall be calculated using the maximum water depth below the surface discharge elevation and the soil infiltration rate.
- C. The maximum water depth for volume control facilities is 1.5 feet.
- D. Planting plan identified vegetation suitable for the hydrology of the basin.
- E. Separation from seasonally saturated soils or bedrock is 3 feet or more for bioretention and infiltration practices.

F. Volume control facilities meet the following setback requirements:

Setback	Minimum Distance (ft.)		
Property line	10		
Building foundation*	10		
Private well	35		
Public water supply well	50		
Septic system tank/leach field	35		

<sup>\*</sup>Minimum with slopes directed away from the building

G. Volume control is provided for the first 1.1" inch of runoff for all impervious:

Volume Retention Required (cu. ft.)	Volume Retention Provided (cu. ft.)
$XX,XXX sq. ft. \times \frac{1.1 in}{12 in/ft} = X,XXX cu. ft.$	BMP Volume  BMP #1 X,XXX cu. ft.  BMP #2 X,XXX cu. ft.
	DIVIF #2 A,AAA CU. IC.
Total Required Volume Retention = X,XXX cu. ft.	Total Provided Volume Retention = X,XXX cu. ft.

### H. Construction Standards

- i. To prevent soil compaction, the proposed volume control facility must be staked off and marked during construction to prevent heavy equipment and traffic from traveling over it.
- ii. Facilities may not be excavated within 2.0 feet of final grade until the contributing drainage area has been constructed and fully stabilized.
- iii. Facilities are in-place during construction activities, all sediment and runoff must be diverted away the facility, using practices such as pipe capping or diversions.
- iv. Facilities installation must occur in dry soil conditions. Excavation, soil placement and rapid stabilization of perimeter slopes must be accomplished prior to the next precipitation event.
- v. Excavation shall be performed by an excavator with a toothed bucket. Use excavator bucket to place materials. Construction equipment shall not be allowed into the basin.
- vi. Prior to the release of any remaining fee or security, the owner must provide documentation that constructed volume control facilities perform as designed.

### I. Details

- Include a standard cross section of the infiltration device similar to those identified in the Minnesota Stormwater Manual (<a href="https://stormwater.pca.state.mn.us/index.php/Bioretention\_plan\_and\_section\_drawings">https://stormwater.pca.state.mn.us/index.php/Bioretention\_plan\_and\_section\_drawings</a>)
- ii. The cross section must detail the infiltration media used in the device. Typically, devices use Mix B as described in the Minnesota Stormwater Manual: A well-blended, homogenous mixture of 70 to 85 percent washed construction sand; and 15 to 30 percent MnDOT Grade 2 compost.



455 Hayward Ave N
Oakdale, MN 55128
651-796-2227
www.mscwmo.org

May 1, 2025

Michelle Elsner City of Lakeland 690 Quinnell Ave N PO Box 321 Lakeland, MN 55043

Dear Ms. Elsner,

The Middle St. Croix Watershed Management Organization (MSCWMO) received revised submittal items on March 5<sup>th</sup>, 2025 for the reconstruction of the home and septic at 850 Quixote Ave N within the MSCWMO boundaries and the City of Lakeland. The proposed project qualifies for full review under the MSCWMO 2015 Watershed Management Plan (WMP). The MSCWMO board recommends the applicant revise and resubmit to address the following comments:

- 1. Construction is not permitted within the 40' bluffline setback. Currently proposed parking, walkways and septic will be constructed within the bluffline setback.
- 2. Identify type/quantity of erosion prevention measures (blanket or mulch) and permanent vegetation.

In addition, the State's Lower St. Croix Riverway Rules (Minnesota Rules, part 6105.0300 through 6105.0550) are enforced through the local land use zoning regulations. Per §155.041 of Lakeland City Ordinance a substandard lot can be deemed a buildable lot provided it can be demonstrated that a proper and adequate sewage disposal system can be installed and that pre-existing lot dimensions meet or exceed 60% of the requirement for a new lot in the same district.

The minimum lot area above the OHW in the urban district of the Lower St. Croix Riverway is 1 acre (§ 155.016). The pre-existing lot area does not meet 60% (43,560 sf/acre x 60% = 26,136 sf) at only 16,900 sf and it has not been demonstrated that a proper and adequate sewage disposal system can be installed. The sewage disposal system as proposed would not be considered a proper and adequate system because it violates the minimum 40' bluffline setback.

MSCWMO review process information can be downloaded from <a href="www.mscwmo.org">www.mscwmo.org</a>. Please contact me at 651-796-2227 or <a href="moldenburg-downing@mnwcd.org">moldenburg-downing@mnwcd.org</a> if you have any questions or comments regarding this correspondence.

Sincerely,

Matt Oldenburg-Downing | Administrator

Middle St. Croix Watershed Management Organization



# SLR PROJECT REVIEW CHECKLIST

**MSCWMO Review ID: 25-006** 

**Review Date:** 5/1/2025

Project Name: Ashford Residence

Location: 850 Quixote Ave N, Lakeland

**Applicant: Bruce Lenzen** 

Purpose: Reconstruct home and septic

**Recommendation:** Revise and resubmit:

1. Construction is not permitted within the 40' bluffline setback. Currently proposed parking, walkways and septic will be constructed within the bluffline setback.

2. Identify type/quantity of erosion prevention measures (blanket or mulch) and permanent vegetation.

#### **Submittal Items:**

$\boxtimes$	A completed and signed project review application form and \$350 review fee.
	Grading plan showing grading limits, existing and proposed site contour elevations related to NAVD 1988 datum (preferred) or NGVD, 1929.
$\boxtimes$	Location of proposed and existing permanent structures.
$\boxtimes$	Ordinary High Water (OHW) elevations and location of all existing water bodies.

- □ Location of all bluff lines. Construction is prohibited within the 40' bluffline setback and on steep slopes. As proposed parking, walkways, and septic will be constructed within the 40' setback and an additional stair/ramp access will be constructed on the steep slope.
- △ Lowest floor elevations of structures built adjacent to stormwater management features and other water bodies must be a minimum of two feet above the regulator flood protection elevation. Low floor elevation 696.48' is above the RFPE (694.0') however the house is elevated on an enclosed foundation with flood openings and piers requiring a conditional use permit. We recommend that the City require a deed-restricted non-conversion agreement to limit improvements to the proposed lower enclosed area of the building.
- Delineation of existing wetlands, shoreland, ordinary high water levels, drain tiling, and floodplain areas.
- Details of proposed buffer upslope of water resources including site and vegetation characteristics (when applicable).
- □ Location of the 100-year flood elevation, natural overflow elevation, and lowest floor elevations.

### ☐ Erosion and sediment control plan demonstrating locations, specifications, and details of the following items:

### A. Erosion Prevention

- i. Stabilize all exposed soil areas (including stockpiles) with temporary erosion control (seed and mulch or blanket) within 7 days after construction activities in the area have temporarily or permanently ceased.
- ii. Identify location, type and quantity of temporary erosion prevention practices.
- iii. Identify permanent vegetation.

### B. Sediment Control

- i. Sediment control practices will be placed down-gradient before up-gradient land disturbing activities begin.
- ii. Identify the location, type and quantity of sediment control practices.
- iii. Vehicle tracking practices must be in place to minimize track out of sediment from the construction site. Streets must be cleaned if tracking practices are not adequate to prevent sediment from being tracked onto the street.

### C. Inspections and Maintenance

- i. Applicant must inspect all erosion prevention and sediment control practices once every 7 days or after a ½" rain event to ensure integrity and effectiveness. All nonfunctional practices must be repaired, replaced or enhanced the next business day after discovery.
- ii. Plans shall include contact information including email and a phone number of the person responsible for inspection and compliance with erosion and sediment control.

### D. Pollution Prevention

- i. Solid waste must be stored, collected and disposed of in accordance with state law.
- ii. Provide effective containment for all liquid and solid wastes generated by washout operations (concrete, stucco, paint, form release oils, curing compounds).
- iii. Hazardous materials that have potential to leach pollutants must be under cover to minimize contact with stormwater.

### E. Final Stabilization

- For residential construction only, individual lots are considered final stabilized if the structures are finished and temporary erosion protection and down gradient sediment control has been completed.
- ii. Grading and landscape plans shall include soil tillage and soil bed preparation methods that are employed prior to landscape installation to a minimum depth of 8" and incorporate amendments to meet Minnesota State Stormwater Manual predevelopment soil type bulk densities.
  - Observe minimum setbacks for areas within the dripline of existing trees, over utilities within 30 in of the surface, where compaction is required by design and inaccessible slopes.

### ☑ Details of proposed structural stormwater practices (Meets Minnesota Stormwater Manual guidelines)

- A. Stormwater flows are diverted away from bluffs whenever feasible.
- B. Volume control facilities must drain down within 48 hours, as required by the MPCA NPDES Construction Stormwater Permit.
  - i. The period of inundation shall be calculated using the maximum water depth below the surface discharge elevation and the soil infiltration rate.
- C. The maximum water depth for volume control facilities is 1.5 feet.
- D. Planting plan identified vegetation suitable for the hydrology of the basin.

- E. Separation from seasonally saturated soils or bedrock is 3 feet or more for bioretention and infiltration practices.
- F. Volume control facilities meet the following setback requirements:

Setback	Minimum Distance (ft.)
Property line	10
Building foundation*	10
Private well	35
Public water supply well	50
Septic system tank/leach field	35

<sup>\*</sup>Minimum with slopes directed away from the building

G. Volume control is provided for the first 1.1" inch of runoff for all impervious:

Volume Retention Required (cu. ft.)	Volume Retention Provided (cu. ft.)
$2,383 \ sq. ft. \times \frac{1.1 \ in}{12 \ in/ft} = 180 \ cu. ft.$	BMP Volume
$\frac{12^{ln}}{ft}$	BMP #1 125 cu. ft.
	BMP #2 125 cu. ft.
Total Required Volume Retention = 180 cu. ft.	Total Provided Volume Retention = 250 cu. ft.

### H. Construction Standards

- i. To prevent soil compaction, the proposed volume control facility must be staked off and marked during construction to prevent heavy equipment and traffic from traveling over it.
- ii. Facilities may not be excavated within 2.0 feet of final grade until the contributing drainage area has been constructed and fully stabilized.
- iii. Facilities are in-place during construction activities, all sediment and runoff must be diverted away the facility, using practices such as pipe capping or diversions.
- iv. Facilities installation must occur in dry soil conditions. Excavation, soil placement and rapid stabilization of perimeter slopes must be accomplished prior to the next precipitation event.
- v. Excavation shall be performed by an excavator with a toothed bucket. Use excavator bucket to place materials. Construction equipment shall not be allowed into the basin.
- vi. Prior to the release of any remaining fee or security, the owner must provide documentation that constructed volume control facilities perform as designed.

### I. Details

- Include a standard cross section of the infiltration device similar to those identified in the Minnesota Stormwater Manual (<a href="https://stormwater.pca.state.mn.us/index.php/Bioretention\_plan\_and\_section\_drawings">https://stormwater.pca.state.mn.us/index.php/Bioretention\_plan\_and\_section\_drawings</a>)
- ii. The cross section must detail the infiltration media used in the device. Typically, devices use Mix B as described in the Minnesota Stormwater Manual: A well-blended, homogenous mixture of 70 to 85 percent washed construction sand; and 15 to 30 percent MnDOT Grade 2 compost.

May 1, 2025

Dave Engstrom
City of Lake St. Croix Beach
16455 20rh Street S
Lake St. Croix Beach, MN 55043

Dear Mr. Engstrom,

The Middle St. Croix Watershed Management Organization (MSCWMO) received revised submittal items on March 19<sup>th</sup>, 2025 for a residential reconstruction at 16855 21<sup>st</sup> St S within the MSCWMO boundaries and the City of Lake St. Croix Beach. The proposed project qualifies for full review under the MSCWMO 2015 Watershed Management Plan (WMP. The MSCWMO board recommends the applicant revise and resubmit to address the following comments:

- 1. Construction is prohibited within the bluffline setback. Portions of the proposed reconstructed structure is within the bluffline setback. MSCWMO standards prohibit any construction within the bluffline setback.
- 2. The total impervious lot coverage exceeds the 20% allowed by City ordinance. Variances shall only be issued when there are unique circumstances to the property not created by the landowner. It is the proposed building plans itself that create the circumstances necessary for a variance rather than unique physical characteristics of the property. Since complete reconstruction is being proposed staff recommends that a variance to the impervious coverage limit is not issued and the lot is brought into conformance with the City ordinance and Lower St. Croix Riverway state rules.

MSCWMO review process information can be downloaded from <a href="www.mscwmo.org">www.mscwmo.org</a>. Please contact me at 651-796-2227 or <a href="moldenburg-downing@mnwcd.org">moldenburg-downing@mnwcd.org</a> if you have any questions or comments regarding this correspondence.

Sincerely,

200

Matt Oldenburg-Downing | Administrator

Middle St. Croix Watershed Management Organization



# **SLR PROJECT REVIEW CHECKLIST**

**MSCWMO Review ID: 25-010** 

Project Name: Marzlof and Bausch home

reconstruction

**Applicant:** Michael Koch, PMI Homes

**Recommendation:** Revise and resubmit:

**Review Date: 5/1/2025** 

Location: 16855 21st St S, Lake St. Croix Beach

**Purpose:** Reconstruct home and septic

- 1. Discuss the implementation of the 40' bluffline setback with regards to the natural versus presumed modified bluffline. Staff recommends following the natural bluffline (parallel to the river) interpretation.
- 2. Construction is prohibited within the bluffline setback. Contingent up on item 1 portions of the proposed reconstructed structure is within the bluffline setback. MSCWMO standards prohibit any construction within the bluffline setback.
- 3. The total impervious lot coverage exceeds the 20% allowed by City ordinance. Variances shall only be issued when there are unique circumstances to the property not created by the landowner. It is the proposed building plans itself that create the circumstances necessary for a variance rather than unique physical characteristics of the property. Since complete reconstruction is being proposed staff recommends that a variance to the impervious coverage limit is not issued and the lot is brought into conformance with the City ordinance and Lower St. Croix Riverway state rules.

### **Submittal Items:**

- A completed and signed project review application form and \$350 review fee. ☐ Grading plan showing grading limits, existing and proposed site contour elevations related to NAVD 1988 datum (preferred) or NGVD, 1929. Location of proposed and existing permanent structures. Ordinary High Water (OHW) elevations and location of all existing water bodies. ☐ Location of all bluff lines. Construction is prohibited within 40' of the top of the bluffline and the proposed structure is within the 40' bluffline setback.
- Lowest floor elevations of structures built adjacent to stormwater management features and other water bodies must be a minimum of two feet above the 100-year flood elevation.
- ☑ Delineation of existing wetlands, shoreland, ordinary high water levels, drain tiling, and floodplain areas.
- Details of proposed buffer upslope of water resources including site and vegetation characteristics (when applicable).
- Location of the 100-year flood elevation, natural overflow elevation, and lowest floor elevations.

### ☑ Erosion and sediment control plan demonstrating locations, specifications, and details of the following items:

### A. Erosion Prevention

- Stabilize all exposed soil areas (including stockpiles) with temporary erosion control (seed and mulch or blanket) within 7 days after construction activities in the area have temporarily or permanently ceased.
- ii. Identify location, type and quantity of temporary erosion prevention practices.
- iii. Identify permanent vegetation.

### B. Sediment Control

- i. Sediment control practices will be placed down-gradient before up-gradient land disturbing activities begin.
- ii. Identify the location, type and quantity of sediment control practices.
- iii. Vehicle tracking practices must be in place to minimize track out of sediment from the construction site. Streets must be cleaned if tracking practices are not adequate to prevent sediment from being tracked onto the street.

### C. Inspections and Maintenance

- i. Applicant must inspect all erosion prevention and sediment control practices once every 7 days or after a ½" rain event to ensure integrity and effectiveness. All nonfunctional practices must be repaired, replaced or enhanced the next business day after discovery.
- ii. Plans shall include contact information including email and a phone number of the person responsible for inspection and compliance with erosion and sediment control.

### D. Pollution Prevention

- i. Solid waste must be stored, collected and disposed of in accordance with state law.
- ii. Provide effective containment for all liquid and solid wastes generated by washout operations (concrete, stucco, paint, form release oils, curing compounds).
- iii. Hazardous materials that have potential to leach pollutants must be under cover to minimize contact with stormwater.

### E. Final Stabilization

- For residential construction only, individual lots are considered final stabilized if the structures are finished and temporary erosion protection and down gradient sediment control has been completed.
- ii. Grading and landscape plans shall include soil tillage and soil bed preparation methods that are employed prior to landscape installation to a minimum depth of 8" and incorporate amendments to meet Minnesota State Stormwater Manual predevelopment soil type bulk densities.
  - Observe minimum setbacks for areas within the dripline of existing trees, over utilities within 30 in of the surface, where compaction is required by design and inaccessible slopes.
- Details of proposed structural stormwater practices (Meets Minnesota Stormwater Manual guidelines)
  - A. Stormwater flows are diverted away from bluffs whenever feasible. Volume control facilities must drain down within 48 hours, as required by the MPCA NPDES Construction Stormwater Permit.
    - i. The period of inundation shall be calculated using the maximum water depth below the surface discharge elevation and the soil infiltration rate.
  - B. The maximum water depth for volume control facilities is 1.5 feet.
  - C. Planting plan identified vegetation suitable for the hydrology of the basin.

- D. Separation from seasonally saturated soils or bedrock is 3 feet or more for bioretention and infiltration practices.
- E. Volume control facilities meet the following setback requirements:

Setback	Minimum Distance (ft.)
Property line	10
Building foundation*	10
Private well	35
Public water supply well	50
Septic system tank/leach field	35

<sup>\*</sup>Minimum with slopes directed away from the building

F. Volume control is provided for the first 1.1" inch of runoff for all impervious:

Volume Retention Required (cu. ft.)	Volume Retention Provided (cu. ft.)		
$2,483 \ sq. ft. \times \frac{1.1 \ in}{12 \ in/ft} = 228 \ cu. ft.$	BMP Volume Rain Garden #1 146 cu. ft. Rain Garden #1 156 cu. ft.		
Total Required Volume Retention = 228 cu. ft.	Total Provided Volume Retention = 302 cu. ft.		

### G. Construction Standards

- i. To prevent soil compaction, the proposed volume control facility must be staked off and marked during construction to prevent heavy equipment and traffic from traveling over it.
- ii. Facilities may not be excavated within 2.0 feet of final grade until the contributing drainage area has been constructed and fully stabilized.
- iii. Facilities are in-place during construction activities, all sediment and runoff must be diverted away the facility, using practices such as pipe capping or diversions.
- iv. Facilities installation must occur in dry soil conditions. Excavation, soil placement and rapid stabilization of perimeter slopes must be accomplished prior to the next precipitation event.
- v. Excavation shall be performed by an excavator with a toothed bucket. Use excavator bucket to place materials. Construction equipment shall not be allowed into the basin.
- vi. Prior to the release of any remaining fee or security, the owner must provide documentation that constructed volume control facilities perform as designed.

### H. Details

- Include a standard cross section of the infiltration device similar to those identified in the Minnesota Stormwater Manual (<a href="https://stormwater.pca.state.mn.us/index.php/Bioretention\_plan\_and\_section\_drawings">https://stormwater.pca.state.mn.us/index.php/Bioretention\_plan\_and\_section\_drawings</a>)
- ii. The cross section must detail the infiltration media used in the device. Typically, devices use Mix B as described in the Minnesota Stormwater Manual: A well-blended, homogenous mixture of 70 to 85 percent washed construction sand; and 15 to 30 percent MnDOT Grade 2 compost.



455 Hayward Ave N
Oakdale, MN 55128
651-796-2227
www.mscwmo.org

April 18, 2025

Matt Kline City of Bayport 294 N Third St. Bayport, MN 55003

Dear Mr. Kline,

The Middle St. Croix Watershed Management Organization (MSCWMO) received revised submittal items on April 15<sup>th</sup>, 2025 for the reconstruction of the home at 13 Point Road within the MSCWMO boundaries and the City of Bayport. The proposed project qualifies for full review under the MSCWMO 2015 Watershed Management Plan (WMP). The MSCWMO board recommends approval with the following four conditions:

- 1. Show the DNR OWHL 680 (MSL 1912) on plans.
- 2. Construction limits and silt fence shall be outside of the 40' bluffline setback.
- 3. Regulatory flood protection elevation of 694.5' is shown correctly on the plans.
- 4. Discrepancies between plan contours for rain gardens and labels are corrected.

MSCWMO review process information can be downloaded from <a href="www.mscwmo.org">www.mscwmo.org</a>. Please contact me at 651-796-2227 or <a href="moldenburg-downing@mnwcd.org">moldenburg-downing@mnwcd.org</a> if you have any questions or comments regarding this correspondence.

Sincerely,

Matt Oldenburg-Downing | Administrator

Middle St. Croix Watershed Management Organization



# SLR PROJECT REVIEW CHECKLIST

MSCWMO Review ID: 25-011

**Review Date:** 4/18/2025

Project Name: Hamiel Home Reconstruction

Location: 13 Point Rd, Bayport

**Applicant:** Bruce Lenzen

Purpose: Home reconstruction/elevation

**Recommendation:** Approval with the following four conditions:

- 1. Show the DNR OWHL 680 (MSL 1912) on plans.
- 2. Construction limits and silt fence shall be outside of the 40' bluffline setback.
- 3. Regulatory flood protection elevation of 694.5' is shown correctly on the plans.
- 4. Discrepancies between plan contours for rain gardens and labels are corrected.

### **Submittal Items:**

- A completed and signed project review application form and \$350 review fee.
- ☐ Grading plan showing grading limits, existing and proposed site contour elevations related to NAVD 1988 datum (preferred) or NGVD, 1929.
- □ Location of proposed and existing permanent structures.
- ☑ Ordinary High Water (OHW) elevations and location of all existing water bodies. Also show MNDNR OHWL elevation of 680 (MSL 1912).
- □ Location of all bluff lines. Construction is prohibited within the bluffline setback. Construction limits, including silt fence should stay outside of the 40' setback.
- □ Lowest floor elevations of structures built adjacent to stormwater management features and other water bodies must be a minimum of two feet above the base flood elevation. Regulatory flood protection elevation should be listed as 694.5' (BFE+2').
- ☑ Delineation of existing wetlands, shoreland, ordinary high water levels, drain tiling, and floodplain areas.
- ☑ Details of proposed buffer upslope of water resources including site and vegetation characteristics (when applicable).
- □ Location of the 100-year flood elevation, natural overflow elevation, and lowest floor elevations.
- Erosion and sediment control plan demonstrating locations, specifications, and details of the following items:
  - A. Erosion Prevention
    - Stabilize all exposed soil areas (including stockpiles) with temporary erosion control (seed and mulch or blanket) within 7 days after construction activities in the area have temporarily or permanently ceased.
    - ii. Identify location, type and quantity of temporary erosion prevention practices.
    - iii. Identify permanent vegetation.

#### B. Sediment Control

- i. Sediment control practices will be placed down-gradient before up-gradient land disturbing activities begin.
- ii. Identify the location, type and quantity of sediment control practices.
- iii. Vehicle tracking practices must be in place to minimize track out of sediment from the construction site. Streets must be cleaned if tracking practices are not adequate to prevent sediment from being tracked onto the street.

### C. Inspections and Maintenance

- i. Applicant must inspect all erosion prevention and sediment control practices once every 7 days or after a ½" rain event to ensure integrity and effectiveness. All nonfunctional practices must be repaired, replaced or enhanced the next business day after discovery.
- ii. Plans shall include contact information including email and a phone number of the person responsible for inspection and compliance with erosion and sediment control.

### D. Pollution Prevention

- i. Solid waste must be stored, collected and disposed of in accordance with state law.
- ii. Provide effective containment for all liquid and solid wastes generated by washout operations (concrete, stucco, paint, form release oils, curing compounds).
- iii. Hazardous materials that have potential to leach pollutants must be under cover to minimize contact with stormwater.

#### E. Final Stabilization

- For residential construction only, individual lots are considered final stabilized if the structures are finished and temporary erosion protection and down gradient sediment control has been completed.
- ii. Grading and landscape plans shall include soil tillage and soil bed preparation methods that are employed prior to landscape installation to a minimum depth of 8" and incorporate amendments to meet Minnesota State Stormwater Manual predevelopment soil type bulk densities.
  - Observe minimum setbacks for areas within the dripline of existing trees, over utilities within 30 in of the surface, where compaction is required by design and inaccessible slopes.
- Details of proposed structural stormwater practices (Meets Minnesota Stormwater Manual guidelines)
  - A. Stormwater flows are diverted away from bluffs whenever feasible.
  - B. Volume control facilities must drain down within 48 hours, as required by the MPCA NPDES Construction Stormwater Permit.
    - i. The period of inundation shall be calculated using the maximum water depth below the surface discharge elevation and the soil infiltration rate.
  - C. The maximum water depth for volume control facilities is 1.5 feet. RG #1 bottom contour shown at 685.0 exceeds 2' depth correct contour label to 685.5. RG #3 area and volume values are incorrect and need updating to match plan contours.
  - D. Planting plan identified vegetation suitable for the hydrology of the basin.
  - E. Separation from seasonally saturated soils or bedrock is 3 feet or more for bioretention and infiltration practices.

F. Volume control facilities meet the following setback requirements:

Setback	Minimum Distance (ft.)
Property line	10
Building foundation*	10
Private well	35
Public water supply well	50
Septic system tank/leach field	35

<sup>\*</sup>Minimum with slopes directed away from the building

G. Volume control is provided for the first 1.1" inch of runoff for all impervious:

Volume Retention Required (cu. ft.)	Volume Retention Provided (cu. ft.)
12,982 $sq. ft. \times \frac{1.1 in}{12 in/ft} = 1,190 cu. ft.$	BMP Volume  RG #1 580 cu. ft.  RG #2 271 cu. ft.  RG #3 345 cu. ft.
Total Required Volume Retention = 1,190 cu. ft.	Total Provided Volume Retention = 1,196 cu. ft.

### H. Construction Standards

- i. To prevent soil compaction, the proposed volume control facility must be staked off and marked during construction to prevent heavy equipment and traffic from traveling over it.
- ii. Facilities may not be excavated within 2.0 feet of final grade until the contributing drainage area has been constructed and fully stabilized.
- iii. Facilities are in-place during construction activities, all sediment and runoff must be diverted away the facility, using practices such as pipe capping or diversions.
- iv. Facilities installation must occur in dry soil conditions. Excavation, soil placement and rapid stabilization of perimeter slopes must be accomplished prior to the next precipitation event.
- v. Excavation shall be performed by an excavator with a toothed bucket. Use excavator bucket to place materials. Construction equipment shall not be allowed into the basin.
- vi. Prior to the release of any remaining fee or security, the owner must provide documentation that constructed volume control facilities perform as designed.

#### I. Details

- Include a standard cross section of the infiltration device similar to those identified in the Minnesota Stormwater Manual (<a href="https://stormwater.pca.state.mn.us/index.php/Bioretention\_plan\_and\_section\_drawings">https://stormwater.pca.state.mn.us/index.php/Bioretention\_plan\_and\_section\_drawings</a>)
- ii. The cross section must detail the infiltration media used in the device. Typically, devices use Mix B as described in the Minnesota Stormwater Manual: A well-blended, homogenous mixture of 70 to 85 percent washed construction sand; and 15 to 30 percent MnDOT Grade 2 compost.

### MIDDLE ST. CROIX WATERSHED MANAGEMENT ORGANIZATION

 455
 Hayward
 Avenue,
 Oakdale,
 MN
 55128

 Phone
 651.330.8220
 x22
 fax
 651.330.7747

 www.mscwmo.org

# Erosion & Sediment Control Compliance Summary & Corrective Action Notice

Inspector Name: Aaron DeRusha Inspection Date: 04/17/2025						
Project Name: Jason Ruff		Project Address: 1411 Old Toll Bridge Rd				
Site is within one mile of and discharges to an impaired or special water?  ☐ Yes ☑ No						
Inspecti	<b>on Type:</b> $\square$ Pre-construction	☑ Routine ☐ Rainfall ☐ Post-construction				
Overall	Overall Site Grade:					
☑ A	The site is <b>in full compliance</b> . All pr	actices are in place and the site is well maintained.				
□в	The site is <b>in compliance</b> , but norm	nal maintenance activities are required.				
□с	The site is <b>not in compliance</b> . Maintenance or supplemental practices are required.					
□ D						
□ F	_	resite impacts are likely.  ce. Controllable water quality or off-site impacts have occurred.  nitiated unless immediate corrective actions are taken.				
Correcti	ve Action(s) Required:					

### **General Comments or Potential Areas of Future Concern:**

Garage slab and frame matches site plan. Perimeter controls in place around work. Driveway removal and rain garden work to come. When roof is constructed, biologs will need to be extended where the dumpster currently sits to fully contain site. Water will flow west towards the road at that time.

Were any discharges observed during this inpection? ✓ No ☐ Yes

	Compliant	Non-compliant	Under Review	Not Inspected
Erosion Prevention Requirements:				
Soils are stabilized where no construction activity has occurred for 14 days (including stockpiles)				
Disturbance of steep slopes has been minimized or stabilization practices designed for steep slopes are used				$\overline{\mathbf{V}}$
Ditches/swales are stabilized 200' back from point of discharge				$\overline{\mathbf{V}}$
Pipe outlets have energy dissipation (within 24 hours of connection)				$\overline{\mathbf{V}}$
Construction phasing in accordance with the approved plan is being followed				
Areas not to be disturbed are marked off (flags, signs, ect.)				
Sediment Control Requirements:				
Perimeter sediment controls are installed properly on all down gradient perimeters				
Appropriate BMPs are installed protecting inlets, catch basins, and culvert inlets				$\overline{\mathbf{V}}$
Erodible stockpiles have perimeter control in place				$\checkmark$
Temporary sediment basin is built as shown on approved construction plans				
Soil compaction is minimized where applicable	$\square$			
Maintenance and Inspection Requirements:				
Previously stabilized areas are maintaining ground cover				
Perimeter controls are maintained and functioning properly	V			
Inlet protection devices are maintained and adequately protecting inlets				
Temporary sediment basins are being maintained and properly functioning				$\overline{\mathbf{V}}$
Vehicle tracking BMPs are in place at site exits and are maintained/functioning properly	V			
Tracked sediment is being removed within 24 hours	V			
Surface waters, ditches, conveyances, and discharge points have been inspected				
Other Requirements:				

Pollution prevention management measures for solid waste, hazardous materials, concrete and truck washing are in place	V		
If dewatering is occurring, BMPs are being used to ensure clean water is leaving the site and discharge is not causing erosion			$\overline{\mathbf{V}}$
If being utilized, infiltration/filtration systems are marked and protected from compaction and sediment			$\overline{\mathbf{V}}$
If required buffers are preserved around all streams, rivers, lakes, and wetlands during construction			$\overline{\mathbf{V}}$
If required, buffer monumentation has been installed			V

Images of non-compliant items, concerns, or general conditions:



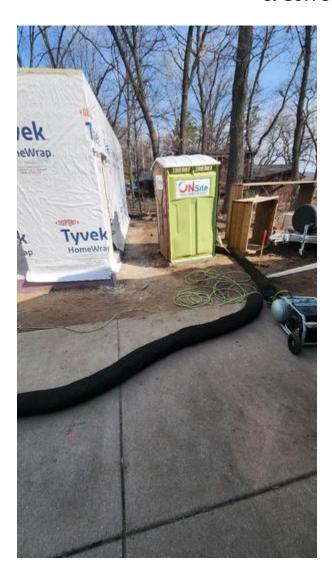












### MIDDLE ST. CROIX WATERSHED MANAGEMENT ORGANIZATION

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### Erosion & Sediment Control Compliance Summary & Corrective Action Notice

Inspecto	or Name: Aaron DeRusha Inspection Date: 04/17/2025
Project I	Name: Lakeland Shores Properties, LLC. Project Address: 16530 ? 1st St S
Site is w	ithin one mile of and discharges to an impaired or special water? ☑ No
Inspecti	on Type: ☐ Pre-construction ☑ Routine ☐ Rainfall ☐ Post-construction
Overall :	Site Grade:
✓ A	The site is <b>in full compliance</b> . All practices are in place and the site is well maintained.
□в	The site is <b>in compliance</b> , but normal maintenance activities are required.
С	The site is <b>not in compliance</b> . Maintenance or supplemental practices are required.
□ D	The site is <b>not in compliance</b> . Erosion and sediment control practices are in poor condition and controllable water resources or off-site impacts are likely.
□F	The site is in <b>severe non-compliance</b> . Controllable water quality or off-site impacts have occurred. Enforcement proceedings will be initiated unless immediate corrective actions are taken.
Correcti	ve Action(s) Required:
Met Bob	Comments or Potential Areas of Future Concern:  and Michael Lind on site. Perimeter controls installed, and state training and state coverage obtained. Discussed future perimeter control or soil back cut on north

property line of needed. Rock construction entrance scheduled. Confirmed use of future

of final grade to protect against compaction.

Were any discharges observed during this inpection? ✓ No ☐ Yes

infiltration as temporary sediment depression, as long as excavation does not come within 2ft

	Compliant	Non-compliant	Under Review	Not Inspected
Erosion Prevention Requirements:				
Soils are stabilized where no construction activity has occurred for 14 days (including stockpiles)	$\overline{\checkmark}$			
Disturbance of steep slopes has been minimized or stabilization practices designed for steep slopes are used				$\overline{\mathbf{V}}$
Ditches/swales are stabilized 200' back from point of discharge				
Pipe outlets have energy dissipation (within 24 hours of connection)				$\overline{\mathbf{V}}$
Construction phasing in accordance with the approved plan is being followed	$\checkmark$			
Areas not to be disturbed are marked off (flags, signs, ect.)				
Sediment Control Requirements:				
Perimeter sediment controls are installed properly on all down gradient perimeters	$\overline{\checkmark}$			
Appropriate BMPs are installed protecting inlets, catch basins, and culvert inlets	$\checkmark$			
Erodible stockpiles have perimeter control in place				
Temporary sediment basin is built as shown on approved construction plans				
Soil compaction is minimized where applicable	V			
Maintenance and Inspection Requirements:				
Previously stabilized areas are maintaining ground cover				
Perimeter controls are maintained and functioning properly	V			
Inlet protection devices are maintained and adequately protecting inlets	$\checkmark$			
Temporary sediment basins are being maintained and properly functioning				
Vehicle tracking BMPs are in place at site exits and are maintained/functioning properly	$\checkmark$			
Tracked sediment is being removed within 24 hours	$\overline{\mathbf{V}}$			
Surface waters, ditches, conveyances, and discharge points have been inspected	$\checkmark$			
Other Requirements:				

Pollution prevention management measures for solid waste, hazardous materials, concrete and truck washing are in place	$\overline{\mathbf{V}}$		
If dewatering is occurring, BMPs are being used to ensure clean water is leaving the site and discharge is not causing erosion			$\overline{\mathbf{V}}$
If being utilized, infiltration/filtration systems are marked and protected from compaction and sediment	$\square$		
If required buffers are preserved around all streams, rivers, lakes, and wetlands during construction			V
If required, buffer monumentation has been installed			V

Images of non-compliant items, concerns, or general conditions:









### MIDDLE ST. CROIX WATERSHED MANAGEMENT ORGANIZATION

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### Erosion & Sediment Control Compliance Summary & Corrective Action Notice



<b>Inspector Name:</b> Aaron DeRusha	Inspe	ection Date: 04/24/2025
Project Name: 880 Quixote Bluff Viol	ation	Project Address: 880 Quixote

Site is within one mile of and discharges to an impaired or special water?

$\checkmark$	No
	$\checkmark$

Inspection <sup>1</sup>	<b>Type:</b> ☑ Pre-consti	ruction $\square$ Routine	e ☑ Rainfall ☑	Post-construction
-------------------------	---------------------------	---------------------------	----------------	-------------------

#### **Overall Site Grade:**

	4	The site is <b>in full compliance</b> . All practices are in place and the site is well maintained.
☑ E	3	The site is <b>in compliance</b> , but normal maintenance activities are required.
☑ (	2	The site is <b>not in compliance</b> . Maintenance or supplemental practices are required.
Пг	<u> </u>	The site is <b>not in compliance</b> . Erosion and sediment control practices are in poor condition and
		controllable water resources or off-site impacts are likely.
✓ F	=	The site is in <b>severe non-compliance</b> . Controllable water quality or off-site impacts have occurred.
		Enforcement proceedings will be initiated unless immediate corrective actions are taken.

### Corrective Action(s) Required:

- 1. Stabilize or cover all unprotected slopes
- 2. Install double row perimeter control adjacent to natural resource areas
- 3. Properly trench in silt fence.

#### General Comments or Potential Areas of Future Concern:

Cover all exposed soils with temporary stabilization such as hydromulch, poly sheeting, erosion control blanket, or other methods. Single row of silt fence with small amount of soil holding bottom flap down. Install double row of silt fence, and improve anchoring of silt fence by properly trenching flap in, or adding more material to bury flap.

Were any discharges observed during this inpection?  $\square$  No  $\boxtimes$  Yes

	Compliant	Non-compliant	Under Review	Not Inspected
Erosion Prevention Requirements:				
Soils are stabilized where no construction activity has occurred for 14 days (including stockpiles)				☑
Disturbance of steep slopes has been minimized or stabilization practices designed for steep slopes are used	$\overline{\mathbf{V}}$			$\overline{\mathbf{V}}$
Ditches/swales are stabilized 200' back from point of discharge		$\overline{\checkmark}$		
Pipe outlets have energy dissipation (within 24 hours of connection)	$\overline{V}$	$\checkmark$		
Construction phasing in accordance with the approved plan is being followed	ightharpoons	$\overline{\checkmark}$	$\overline{\mathbf{V}}$	
Areas not to be disturbed are marked off (flags, signs, ect.)				$\square$
Sediment Control Requirements:				
Perimeter sediment controls are installed properly on all down gradient perimeters				$\square$
Appropriate BMPs are installed protecting inlets, catch basins, and culvert inlets	$\overline{\mathbf{V}}$	V		
Erodible stockpiles have perimeter control in place	$\checkmark$			
Temporary sediment basin is built as shown on approved construction plans				
Soil compaction is minimized where applicable	<b>V</b>	$\checkmark$		
Maintenance and Inspection Requirements:				
Previously stabilized areas are maintaining ground cover		$\overline{\checkmark}$		
Perimeter controls are maintained and functioning properly				$\square$
Inlet protection devices are maintained and adequately protecting inlets	$\overline{\mathbf{V}}$	$\overline{\checkmark}$		
Temporary sediment basins are being maintained and properly functioning	V	V		
Vehicle tracking BMPs are in place at site exits and are maintained/functioning properly	$\overline{\mathbf{V}}$	V		
Tracked sediment is being removed within 24 hours	V	V	V	
Surface waters, ditches, conveyances, and discharge points have been inspected				
Other Requirements:				

Pollution prevention management measures for solid waste, hazardous materials, concrete and truck washing are in place	$\checkmark$	V	
If dewatering is occurring, BMPs are being used to ensure clean water is leaving the site and discharge is not causing erosion	$\checkmark$		
If being utilized, infiltration/filtration systems are marked and protected from compaction and sediment	$\checkmark$		
If required buffers are preserved around all streams, rivers, lakes, and wetlands during construction	<b>√</b>	✓	
If required, buffer monumentation has been installed			

Images of non-compliant items, concerns, or general conditions:



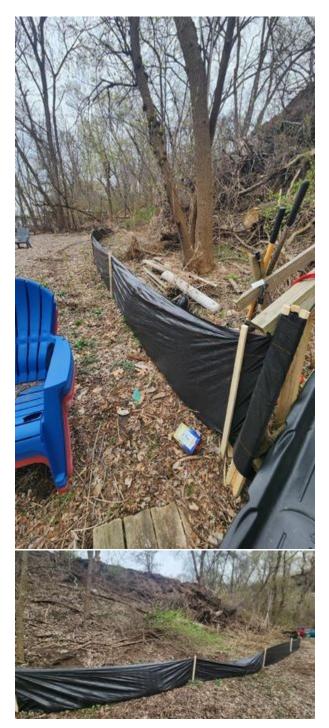


















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### **Erosion & Sediment Control Compliance Summary** & Corrective Action Notice

Inspecto	or Name: Aaron DeRusha Inspection Date: 04/28/2025				
Project	Name: 880 Quixote Bluff Violation Project Address: 880 Quixote				
Site is within one mile of and discharges to an impaired or special water?					
Inspection Type:  Pre-construction  Routine  Rainfall  Post-construction					
<b>☑</b> A	The site is <b>in full compliance</b> . All practices are in place and the site is well maintained.				
<b>☑</b> B	The site is <b>in compliance</b> , but normal maintenance activities are required.				

The site is **not** in **compliance**. Maintenance or supplemental practices are required.

The site is **not** in **compliance**. Erosion and sediment control practices are in poor condition and

Enforcement proceedings will be initiated unless immediate corrective actions are taken.

The site is in **severe non-compliance**. Controllable water quality or off-site impacts have occurred.

### Corrective Action(s) Required:

 $\sqcup$  c

√ F

 $\square$ 

- Stabilize or cover all unprotected slopes
- 2. Soils on the bluff must be stabilized within 7 days using hydromulch, poly sheeting, erosion control blanket, or other methods.

#### General Comments or Potential Areas of Future Concern:

controllable water resources or off-site impacts are likely.

Double row of silt fence is now properly trenched in. Crest of bluff will need temporary stabilization to protect from material being eroded to bottom of bluff. Discussed using tarps or poly sheeting to cover the slope to protect from rain events. Discussed removal of material using excavator from top of the bluff- skidsteer at bottom of bluff may not disturb any more soil or vegetation. Discussed removal of stumps and other woody debris that were pushed over edge north of stairs. This area also will need to be restored and the root wads removed.

Were any discharges observed during this inpection? ☐ No ☑ Yes

	Compliant	Non-compliant	Under Review	Not Inspected
Erosion Prevention Requirements:				
Soils are stabilized where no construction activity has occurred for 14 days (including stockpiles)	$\overline{\checkmark}$			
Disturbance of steep slopes has been minimized or stabilization practices designed for steep slopes are used	$\checkmark$			$\overline{\mathbf{V}}$
Ditches/swales are stabilized 200' back from point of discharge	$\overline{\checkmark}$	$\checkmark$	$\overline{\checkmark}$	
Pipe outlets have energy dissipation (within 24 hours of connection)	$\checkmark$	V	$\overline{\mathbf{V}}$	
Construction phasing in accordance with the approved plan is being followed	$\checkmark$	$\checkmark$	$\checkmark$	
Areas not to be disturbed are marked off (flags, signs, ect.)	V	<b>√</b>		
Sediment Control Requirements:				
Perimeter sediment controls are installed properly on all down gradient perimeters		$\checkmark$		
Appropriate BMPs are installed protecting inlets, catch basins, and culvert inlets	$\overline{\mathbf{V}}$	V		
Erodible stockpiles have perimeter control in place	$\checkmark$	$\checkmark$		
Temporary sediment basin is built as shown on approved construction plans		$\checkmark$		
Soil compaction is minimized where applicable	V	V		
Maintenance and Inspection Requirements:				
Previously stabilized areas are maintaining ground cover	$\overline{\checkmark}$	$\checkmark$		
Perimeter controls are maintained and functioning properly		V		
Inlet protection devices are maintained and adequately protecting inlets	$\checkmark$	V		
Temporary sediment basins are being maintained and properly functioning	$\overline{\mathbf{V}}$	V		
Vehicle tracking BMPs are in place at site exits and are maintained/functioning properly	$\checkmark$	V		
Tracked sediment is being removed within 24 hours	$\checkmark$	V	$\overline{\mathbf{V}}$	
Surface waters, ditches, conveyances, and discharge points have been inspected	$\checkmark$	V		
Other Requirements:				

Pollution prevention management measures for solid waste, hazardous materials, concrete and truck washing are in place	V	$\overline{\mathbf{V}}$	
If dewatering is occurring, BMPs are being used to ensure clean water is leaving the site and discharge is not causing erosion	$\overline{\mathbf{V}}$		
If being utilized, infiltration/filtration systems are marked and protected from compaction and sediment	$\overline{\mathbf{V}}$		
If required buffers are preserved around all streams, rivers, lakes, and wetlands during construction	$\overline{\mathbf{V}}$		$\overline{\mathbf{V}}$
If required, buffer monumentation has been installed	V	V	

Images of non-compliant items, concerns, or general conditions:

















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### Staff Report- April 2025

#### Administration

- Prepared May meeting materials
- Participated in Lower St. Croix Partnership meetings
- 2024 Audit preparation and data submission
- Permit review coordination with communities

#### **Project Reviews**

- 16670 8<sup>th</sup> Street S. **ACTION**
- 850 Quixote Ave N. **DISCUSS**
- 16855 21<sup>st</sup> Street S **DISCUSS**
- 13 Point Road **ACTION**
- 880 Quixote Ave N. **INFORM**

#### **10-Year Management Plan Update**

**Description:** The Board of Water and Soil Resources (BWSR) requires watersheds to have a management plan and MSCWMO's current management plan expires in 2025, as such a management plan update is underway. This plan will meet BWSR's various requirements and is on track to be completed by the end of 2025.

Activities This Month: Task 1 - stakeholder engagement portion of the plan is complete. Task – 2 Implementation, Prioritization, and Actions is complete. An inventory and assessment of existing BMPs and mapping of MSCWMO's features has been completed and the report is an appendix of the plan. A detailed inspection protocol has been developed. Updates to the cost share program and performance standards have been made and reviewed by the Board. Task 3 – Plan Composition is draft is complete and was sent out to review agencies on February 28, 2025. The 60-day Review Period has closed, 164 total comments were received.

Staff: Rebecca Oldenburg-Downing, WCD

#### **Water Monitoring Program**

**Description:** The MSCWMO water monitoring program includes the monitoring of flow at three sites. These sites have that equipment serves to collect data on the total volume of water flowing into Lily Lake at the Greeley Street Inlet, through Perro Creek at the Diversion Structure, as well as, the Perro Creek Diversion Structure Overflow. Water quality is also collected at the Greeley Street Inlet and the Perro Creek Diversion Structure on a monthly basis, as well as during storm events.

Additionally, the MSCWMO monitors two lakes, Lily and McKusick for several parameters from April-October. Data is collected on both lakes on a biweekly basis and includes: water level, clarity, pH, temperature and dissolved oxygen profiles, an aesthetics and user profile, and field conditions. Additionally, water quality samples are collected from the surface of the lakes and analyzed for total phosphorus, total Kjeldahl nitrogen, and chlorophyll.

**Activities This Month:** Equipment has been installed at the Perro Diversion and Perro Diversion Overflow sites. No samples have yet been collected. Lake monitoring has begun with one sample having been collected on Lily and McKusick Lakes. Lake elevation gages have been reinstalled for the year on Lily Lake, McKusick Lake, and Brick Pond. A volunteer will be collecting elevations on Brick Pond.

Staff: Rebecca Oldenburg-Downing, WCD

#### **Erosion and Sediment Control Inspections**

**Description:** The MSCWMO has contracted with the WCD to conduct erosion and sediment control inspections for construction projects that have been reviewed and recommended for permit approval by partner communities. The WCD also maintains an ArcGIS Online based database for project plan review tracking, erosion control inspection, and BMP implementation and maintenance activities.

Activities This Month: Inspections occurred at the Lakeland Shores Properties and 1411 Old Toll Bridge Road- Ruff Garage projects. Both projects were found to be in compliance and well maintained. State permit coverage and required erosion control training were obtained for the Cheep Storage and Lakeland Shores Properties applicants. A preconstruction meeting for the West Lakeland 2025 Street Improvements project was attended and erosion control reminders discussed. Two inspections and a site meeting to investigate and provide guidance for perimeter control installation and soil stabilization at the 880 Quixote- Simones Bluff Violation site were completed.

Staff: Aaron DeRusha, WCD

#### **BMP Maintenance**

**Description:** The MSCWMO has a maintenance obligation for its Capital Improvement Projects and projects funded by Clean Water Fund grants. The MSCWMO partners with the Washington Conservation District to fulfill this maintenance requirement.

**Activities this month:** Site evaluation of the Lily Lake Basin and coordination of spring maintenance activities.

Staff: Cameron Blake, WCD

#### **Small Scale Habitat & Water Quality Enhancement Projects**

**Description:** In 2024 the WCD received Conservation Corps crew time on behalf of the WMO under FY24 Clean Water Funding to continue small-scale habitat and water quality enhancement projects in throughout the District. Identified projects included a vegetative buffer enhancement along Perro Creek in Bayport, support for a 215-foot buffer expansion between

Riviera Avenue S and the St. Croix River in Lake St. Croix Beach under the WCD FY23 Habitat Enhancement Landscape Program (HELP) Grant, and continued support for private shoreline enhancement.

Activities This Month: None.

**Staff:** Brett Stolpestad, WCD

#### Meetings:

- Lily Lake Basin management planning April 16<sup>th</sup>
- LSC Steering Team April 23<sup>rd</sup>
- 16855 21<sup>th</sup> St S April 25<sup>th</sup>
- 880 Quixote On-site April 28<sup>th</sup>
- Curve Crest Commercial Pre-app April 29<sup>th</sup>
- Baytown Engineer Coordination April 29<sup>th</sup>
- Project Review Status Check May 1<sup>st</sup>

# LOWER ST. CROIX WATERSHED PARTNERSHIP

### **MEMORANDUM**

To: Lower St. Croix Watershed Partnership Member Boards From: Lower St. Croix Watershed Partnership Policy Committee

Date: April 28, 2025

RE: Minor Amendment to Lower St. Croix River Comp. Watershed Management Plan

The Lower St. Croix Watershed Partnership (LSCWP) Policy Committee met on April 28th and recommends that the LSCWP local governing boards approve the following minor amendments to the Lower St. Croix River Comprehensive Watershed Management Plan (Plan). These amendments are not expected to increase the overall cost to administer or implement the Plan.

#### **Proposed Minor Plan Amendments**

- 1) Adjust language to priority location descrptions found within Table 5-1 (Part C #43) of the Plan to expand the priority areas for forest management or woodland stewardship plans:
  - Areas located along bluffland or adjacent to publicly owned forest land such as state parks and trails and parcels eligible for a DNR woodland stewardship plan that drain to regionally significant rivers and streams for pollutant reductions (Table 5-2) or regionally significant lakes for pollutant reductions or protection (Table 5-3).

By making this adjustment to further define priority areas for woodland stewardship plans, the Plan will better address protection of private forested acres in regions of the watershed that still have substantial forested areas. Intact and productive forest lands provide an expansive array of ecosystem services, including water storage, surface water infiltration, groundwater protection, and reduction of velocity of surface water flow. By working towards private forest land protection, the Plan will help protect water quality benefits. An eligible property for a DNR woodland stewardship plan is one that is 20 to 5,000 acres where at least 10 acres have or will have trees. The size of properties that are eligible is one of the reasons why an expansion of priority areas is recommended. The scale at which the watershed needs to look at properties of that size should be increased in order for the watershed to successfully accomplish related protection goals laid out in the Plan. Priority waterbodies that would benefit from this can be found on Table 5-2 and Table 5-3.

[This space left intentionally blank.]

2) Modify Table 5-2 (Regionally Significant Rivers and Streams for Pollutant Reductions) as follows:

Table 5-2. Regionally Significant Rivers and Streams for Pollutant Reductions (See Figure 5-2)

Stream Name	Lake St. Croix TMDL Total Phosphorus Reduction Goal (lbs/yr) <sup>1</sup>	10-year TP Reduction Goal (lbs/yr) <sup>2</sup>
Sunrise River and Tributaries	18,306	2,256
Lawrence Creek <sup>3</sup>	1,177	118
Browns Creek <sup>4</sup>	848	85
Valley Branch (includes Valley Creek and Kelle's Creek)	968	97
Trout Brook <sup>3</sup>	1,419	142
Small Streams Draining to St. Croix River (south of Lawrence Cr & north of Valley Br.)	<del>6,450</del>	645
Rock Creek	3,512	351
Rush Creek	2,451	245
Goose Creek	2,980	298
St. Croix River (including small stream and direct drainage areas and excluding local landlocked basin areas)	9,839	984
TOTAL	<del>38,111</del> <b>41,500</b>	4 <del>,237</del> <b>4,576</b>
(1) Table B-7 2012 Lake St. Craix Tot	al Maximum Daily Load Study	

<sup>(1)</sup> Table B-7, 2012 Lake St. Croix Total Maximum Daily Load Study

3) Modify Figure 5-2 (Regionally Significant Rivers and Streams) as attached to include subwatershed boundaries of the areas identified in the amended Table 5-2, consistent with the existing definition of "Direct drainage and direct catchments" on page 59 of the Plan:

Direct drainage and direct catchments: The stream, river, or land area that drains directly to the St. Croix River or Lake St. Croix and that is downstream of a pollutant-mitigating feature such lake, impoundment, pond, or large wetland. (Does not apply in Sunrise River due to the significant pollution contributions from the entire subwatershed and the complex nature of wetlands, impoundments, and connected drainage areas throughout the subwatershed.)

- 4) Adjust language to priority location descriptions found within Table 5-1 (Part A #2, Part B #14, and Part D #55) to reflect the changes made in items #2 and #3 above:
  - Direct drainage areas to St. Croix River <u>including</u> through Rock, Rush, Goose, Lawrence, and Browns Creeks and Trout Brook and other small streams shown in Figure 5-2. <u>excluding</u> <u>local landlocked basins</u>.

<sup>(2) 10%</sup> per stream + 425 lbs for stream restoration projects in Sunrise River Watershed

<sup>(3)</sup> According to Lake St. Croix TMDL: Actual phosphorus load reduction goals in Lawrence Creek, Valley Branch, and Trout Brook may be smaller than shown (possibly even zero) due to substantial landlocked portions resulting in smaller drainage areas than those used to calculate load reductions.

<sup>(4)</sup> Browns Creek reduction goal based on Implementation Plan for Lake St. Croix Nutrient TMDL (2013), App B.

Making the minor changes in items #2 through #4 above will correct an ongoing situation whereby the Plan, as currently written, does not recognize its titular waterbody as a regionally significant waterbody worth protecting through implementation of pollutant reductions as otherwise prescribed within the Plan. The modified load reduction goals for direct drainage areas in Table 5-2 are pulled directly from the Lake St. Croix TMDL. The amendment further clarifies the specific exclusion of local land-locked basins consistent with the original intent of the Plan.

#### **LSCWP Policy Committee Recommendation**

The LSCWP Policy Committee recommends that all LSCWP local governing boards approve the proposed minor amendments as shown in the attached markup plan pages (Pages 61, 66, 75, 78, 81, and Figure 5-2).

#### **Next Steps**

The local governing boards must act on Policy Committee recommendations within 60 days after the day on which the Policy Committee formally adopted such a recommendation. The decisions of the various governing boards of the Lower St. Croix Watershed Partnership will be deemed approved for purposes of this Agreement when 2/3rds of the governing bodies have adopted formal action on the respective recommendation. Upon local board action, please notify Craig Mell (Chisago SWCD), Angie Hong (Washington SWCD), and Kyle Axtell (South Washington WD) via email of the local board's decision pertaining to this agenda item. The South Washington WD will then proceed with minor plan amendment procedures consistent with the Plan and BWSR operating procedures, including a 30-day notice and comment period and public hearing, to be held at a future LSCWP Policy Committee meeting.

### B. 2021 – 2030 Implementation Table: Table 5-1

Table 5-1 Part A. Implementation Actions for Agricultural Lands

Table 5-1 Pa	rt A. Implementation Actions for Agricultural La	inds											
	Table 5-1 Part A: Implementation for	Agricultural Lands	Years 1 - 2	Years 3 - 4	Years 5 - 6	Years 7 - 8	Years 9 - 10	10-year Estimated Cost	10-year Estimated Local Funds	10-year Existing Stable External Funding	Add't External Funds Needed	Imp. Entity	Support Agency
	Implementation Actions				Estimated Co	sts							
读	(A) Shared Services: Hire or contract with agricultural conservationist and agronomist for basin wide assistance with agronomy, outreach, and technical assistance to agricultural producers including conservation planning and nutrient management plans. [Approximately 80% of this position's time will be directly working with agricultural producers in the LSC Watershed to identify economical farming practices with water quality benefits to make them a routine part of farm operations. A target is to interact with operators of >3,000 acres. 20% of the position will be support of implementation of BMPs led by others.]			\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000	\$0	\$0	\$1,250,000	LSC Partne rship	BWSR MDA NRCS U of M Ext
	(A) Provide cost share for installing or implementing both structural and non-structural (e.g. soil health (etc.)). Projects to be chosen through targeting and particles.	BMPs, feedlot improvements, buffers, swales,	\$690,000	\$940,000	\$1,190,000	\$1,190,000	\$1,190,000	\$5,200,000	A \$20,000 C \$200,000 I P \$5,000 W \$250,000 \$475,000	C \$200,000 I \$40,000 P	\$4,335,000	SWCD WMO WD CLLID	BWSR NRCS MDA MDH
O ÌA	<b>(C)</b> Provide conservation planning, technical assista management practices through existing local staff a	and local initiatives	\$547,800	\$547,800	\$547,800	\$547,800	\$547,800	\$2,739,000	A C I P \$15,000 W \$1,700,000 \$1,715,000	A	\$0	SWCD WMO WD	BWSR NRCS MDA U of M Ext
	Priority Location	Measurable Output		Ou	tput by Bienni	um							
1. GW Quality (Table 3-1 GW1A, 2B)	Basin Wide Priority - Agricultural lands where:  1) DWSMA vulnerability is moderate, high, or very high; or  2) Pollution sensitivity to wells is high or very high; or  3) Pollution sensitivity to near surface materials is karst or high; or  4) Well testing show ≥ 5 mg/L nitrate  See Figure 5-1	Install BMPs on 2,200 acres that improve soil health and/or reduce nitrogen and pesticide pollution to groundwater	300 ac	400 ac	500 ac	500 ac	500 ac						
2. Rivers & Streams + St. Croix River WQ (Table 3-1 R&S 1A; STC 1B, C)	<ul> <li>Regionally Significant Rivers and Streams:         <ul> <li>All streams and tributaries in Sunrise River</li> <li>Watershed (whole watershed regardless of direct drainage)</li> <li>Direct drainage areas to St. Croix River including through Rock, Rush, Goose, Lawrence, and Browns Creeks and Trout</li> <li>Brook and other small streams shown in Figure 5-2, excluding local landlocked basins</li> </ul> </li> <li>See Table 5-2 for streams and total phosphorus reduction goals; see Figure 5-2</li> </ul>	Reduce total phosphorus by 3,300 lbs/year (install approximately 220 BMPs @ estimated 15 lbs/BMP) and reduce TSS, bacteria, and nitrogen as secondary benefit	450 lbs TP (approx. 30 BMPs)	600 lbs TP (approx. 40 BMPs)	750 lbs TP (approx. 50 BMPs)	750 lbs TP (approx. 50 BMPs)	750 lbs TP (approx. 50 BMPs)						

	Table 5-1 Part B: Implementation for De	eveloped and Developing Lands	Years 1 - 2	Years 3 - 4	Years 5 - 6	Years 7 - 8	Years 9 - 10	10-year Estimated Cost	10-yr Estimated Local Funds	10-year Existing Stable External Funding	Add't External Funds Needed	Imp. Entity	Support Agency
12. GW recharge & stream flow (Table 3-1 GW 2B, R&S 3A)	In critical groundwater recharge areas as identified in existing or future maps or studies	Retrofit 20 existing developments with infiltration, recharge and reuse projects	4 projects	4 projects	4 projects	4 projects	4 projects						
13. St. Croix River flows (Table 3-1 STC 3A)	Direct catchments to the St. Croix River and Lake St. Croix	Evaluate and update small storm volume control and large storm rate control ordinances in 4 communities			2 LGUs	2 LGUs							
14. St. Croix River + Rivers & streams WQ (Table 3-1 STC 1B; R&S 1A)	Regionally Significant Rivers and Streams:  - All streams and tributaries in Sunrise River Watershed (whole watershed regardless of direct drainage)  - Direct drainage areas to St. Croix River including through Rock, Rush, Goose, Lawrence, and Browns Creeks and Trout Brook and other small streams shown in Figure 5-2, excluding local landlocked basins  See Table 5-2 for streams and total phosphorus reduction goals; See Figure 5-2	Reduce TP by 100 lbs. (approximately 100 BMPs) and reduce TSS, bacteria, and nitrogen as secondary benefit [Assume 1 lb/BMP; typical reduction for raingarden or similar BMP]	20 lbs TP (approx. 20 BMPs)										
15. Lake WQ (Table 3-1 LK 1B)	Regionally Significant Lakes for Urban BMPs See <u>Table 5-3</u> for lakes and total phosphorus reduction goals; See <b>Figure 5-3</b>	Reduce TP by 100 lbs. (approximately 100 BMPs) and reduce TSS, bacteria, and nitrogen as secondary benefit [Assume 1 lb/BMP; typical reduction for raingarden or similar BMP]	20 lbs TP (approx. 20 BMPs)										
16. St. Croix River chlorides (Table 3-1 STC 1D)	Basin wide	75% of all cities have staff certified in MPCA's Level 1 and Level 2 Smart Salting Training	Total of 15% of cities	Total of 30% of cities	Total of 45% of cities	Total of 60% of cities	Total of 75% of cities						
	Implementation Action				Estimated Co	osts							
O.A.	(C) Contact highest urban/suburban groundwirrigation technologies	ater consumers; provide cost share to install smart	\$0	\$290,000	\$290,000	\$0	\$0	\$580,000	A C I P \$100,000 \$100,000		\$470,000	COS SWCDS WDS WMOS	MDNR U of M Ext

	Table 5-1 Part C: Implementation	n for Ecosystem Services	Years 1 - 2	Years 3 - 4	Years 5 - 6	Years 7 - 8	Years 9 - 10	10-year Estimated Cost	10-yr Estimated Local Funds	10-year Existing Stable External Funding	Add't External Funds Needed	Imp. Entity	Support Agency
41. Land protection (Table 3-1 UP 1C, LK 1B)	First priority: Areas where upland habitat is fractured and shoreline areas where there is high to moderate development or land under future development pressure  Second priority: Basin wide	Create 20 new Landscape Stewardship Plans	4 new plans	4 new plans	4 new plans	4 new plans	4 new plans						
42. Habitat improve (Table 3-1 UP 2C)	Basin wide based on prioritized mapping including MLCCS maps and other critical habitat mapping	1,000 new acres managed for better habitat, or as recommended in Landscape Stewardship Plans	200 new acres managed										
43. Protected lands (Table 3-1 UP 2B)	Areas located along bluffland or adjacent to publicly owned forest land such as state parks and trails and parcels eligible for a DNR woodland stewardship plan that drain to regionally significant rivers and streams for pollutant reductions (Table 5-2) or regionally significant lakes for pollutant reductions or protections (Table 5-3)	Increase acres under private Forest Management Plans or Woodland Stewardship Plans by 20% [23 plans over 10 years]	4 new plans developed	4 new plans developed	4 new plans developed	4 new plans developed	7 new plans developed						
	TOTAL "B" Secondary Priorities for WBIF \$2,650,000 \$140,000 \$90,000 \$2,42  TOTAL "C" Local Priorities \$5,035,000 \$2,061,900 \$1,582,000 \$1,582,000										\$2,743,500* \$2,420,000* \$1,391,100 \$6,554,600		

<sup>\*</sup>This total may not reflect the true additional external funding need given significant variation in existing local and stable external funds between counties and LSC Partners.

Tab	le 5-1 I	Part D. Implementation for F	Prioritization and Analysis												
ls	als & sues ole 3-1	Priority Locations	Measurable Outputs	Implementation Actions	Years 1 - 2	Years 3 - 4	Years 5 - 6	Years 7 - 8	Years 9 - 10	10-year Estimated Cost	10-yr Estimated Local Funds	10-year Existing Stable External Funding	Add't External Funds Needed	Imp. Entity	Support Agency
	R&S 1A, STC 4B	Regionally Significant Rivers and Streams:  - Streams and tributaries in Sunrise R. Watershed  - Direct drainage areas to St. Croix River including through Rock, Rush, Goose, and Browns  Creeks and Trout Brook and other small streams as shown in Table 5-2 and Figure 5-2, excluding local landlocked basins	20 subwatershed project targeting analyses are completed (estimated \$10,000 - \$50,000/SWA or \$30,000 ave)	mapping, modeling, cost benefit analyses, or other data-driven targeting activities. See Section VII.B. for further description.	\$150,000 (5 SWAs)	\$150,000 (5 SWAs)	\$120,000 (4 SWAs)	\$90,000 (3 SWAs)	\$90,000 (3 SWAs)						
56	STC 4A, 4C	Tributaries to the St. Croix	Coordinated hydrologic, chemical, and biological monitoring of the St. Croix River and its tributaries; nutrient loading data of major tributaries to the St. Croix River is evaluated.	Operate up to 10 new monitoring stations that lack data (quality and quantity) to evaluate progress toward achieving the TMDL and to identify priority subwatersheds. @ \$10,000/year/station	\$100,000	\$200,000	\$200,000	\$200,000	\$200,000	\$900,000	A C I P W \$100,000 \$100,000	A C I P W \$0	\$800,000	Counties SWCDs WDs WMOS CLLID	MPCA SCRA Met Council USGS St. Cr Res Station Basin Team
57	STC 3A	Land use authorities in the St. Croix Riverway.	Evaluate the floodplain and zoning ordinances for consistency and effectiveness in protecting the floodplain function and preventing flood damages. Include impacts of variances in the evaluation.	Work with land use authorities along St. Croix River and MnDNR Area Hydrologists to evaluate floodplain and zoning ordinances and update where appropriate.	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	A C \$50,000 I P W \$50,000	P W	\$150,000	Counties SWCDs WDs WMOS	MDNR SCRA
58	STC 4B & UP 2A	Intermittent and perennial tributaries and watercourses flowing directly to St. Croix River	Inventory and prioritize active erosion sites.	Identify, evaluate, and rank active gullies directly discharging into the St. Croix or its tributaries [LIDAR to identify gully locations; RUSLE & BWSR pollution reduction calculator to determine pollution reduction numbers]	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	A C I P W	A C \$25,000 I P W \$25,000	\$225,000	Counties SWCDs WDs WMOS	MDNR BWSR
59	STC 2B, 4C UP 1A	Basin wide	Map priority restoration and protection areas for acquisition, easements, and voluntary stewardship	Complete level 4/5 MLCCS basin wide. Expand the Washington County Natural Resource Framework and use their methodology in Anoka, Chisago, Isanti, and Pine Counties. (MLCCS = \$1,000/sq mi * 640 sq miles)	\$240,000	\$200,000	\$200,0000	\$0	\$0	\$640,000	\$0	\$0	\$640,000	Counties SWCDs	MDNR BWSR MPCA

Table 5-2. Regionally Significant Rivers and Streams for Pollutant Reductions (See Figure 5-2)

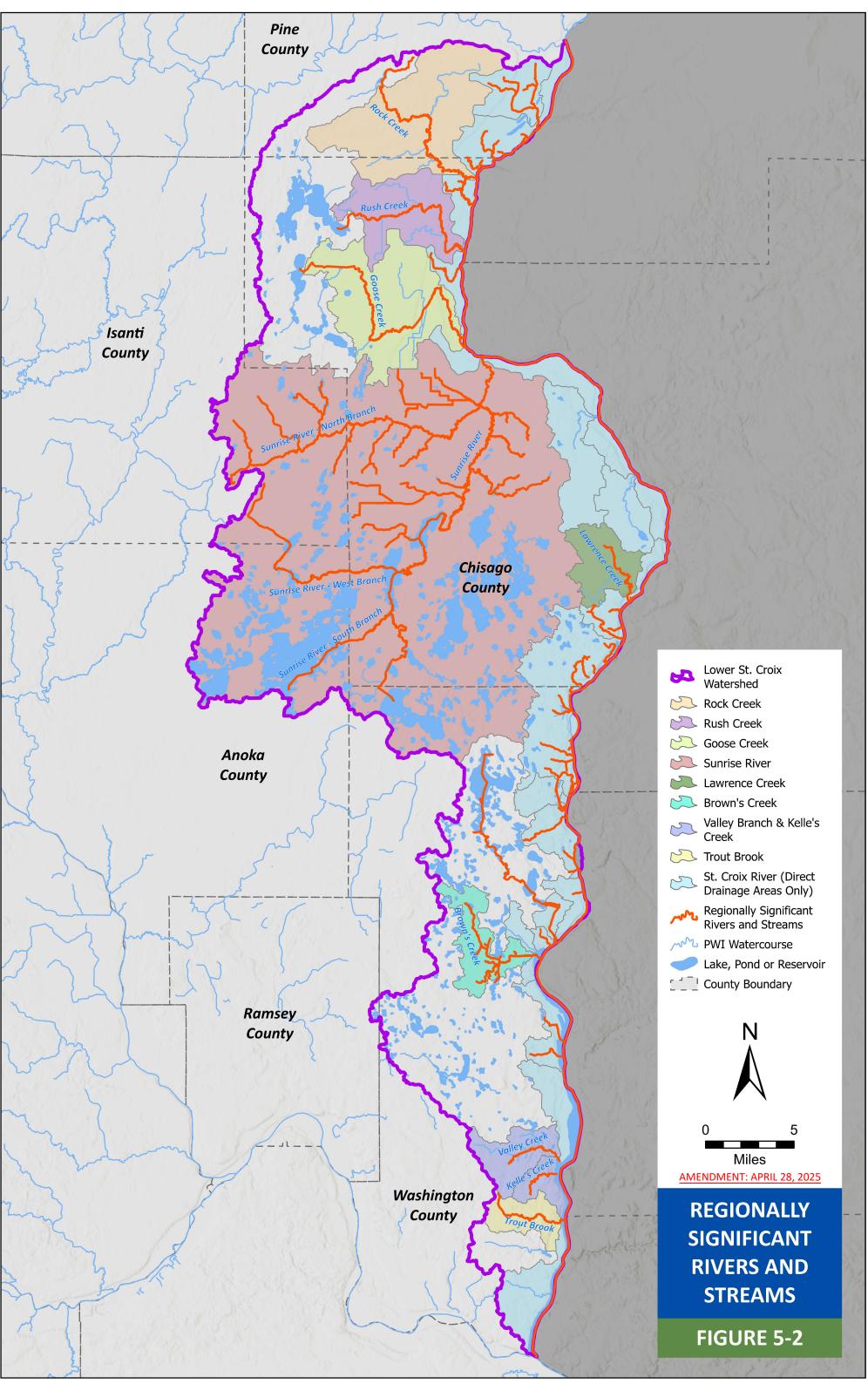
Stream Name	Lake St. Croix TMDL Total Phosphorus Reduction Goal (lbs/yr) <sup>1</sup>	10-year TP Reduction Goal (lbs/yr) <sup>2</sup>
Sunrise River and Tributaries	18,306	2,256
Lawrence Creek <sup>3</sup>	1,177	118
Browns Creek <sup>4</sup>	848	85
Valley Branch (includes Valley Creek and Kelle's Creek)	968	97
Trout Brook <sup>3</sup>	1,419	142
Small Streams Draining to St. Croix River (south of Lawrence Cr & north of Valley Br.)	<del>6,450</del>	645
Rock Creek	3,512	351
Rush Creek	2,451	245
Goose Creek	2,980	298
St. Croix River (including small stream and direct drainage areas and excluding local landlocked basin areas)	9,839	984
TOTAL	<del>38,111</del> 41,500	<del>4,237</del> <u>4,576</u>

<sup>(1)</sup> Table B-7, 2012 Lake St. Croix Total Maximum Daily Load Study

<sup>(2) 10%</sup> per stream + 425 lbs for stream restoration projects in Sunrise River Watershed

<sup>(3)</sup> According to Lake St. Croix TMDL: Actual phosphorus load reduction goals in Lawrence Creek, Valley Branch, and Trout Brook may be smaller than shown (possibly even zero) due to substantial landlocked portions resulting in smaller drainage areas than those used to calculate load reductions.

<sup>(4)</sup> Browns Creek reduction goal based on Implementation Plan for Lake St. Croix Nutrient TMDL (2013), App B.





To: Lower St. Croix Watershed Partnership member boards

From: Lower St. Croix Watershed Partnership Policy Committee

Date: April 28, 2025

Re: LSC FY23 WBIF Work Plan Revision and Budget Amendment

The Policy Committee met on April 28<sup>th</sup> and recommends to the Lower St. Croix Watershed Partnership local boards the following work plan revision and budget amendment to the LSC FY23 WBIF grant work plan and budget.

### Proposed LSC FY23 WBIF grant work plan revision.

#### Item #1: add Forest Management Plans or Woodland Stewardship Plans as an eligible activity

elink Activity Category: Targeting Analyses

Lead Agency: Washington Conservation District, Jay Riggs

**Co-lead Agency**: Chisago SWCD, Craig Mell (subcontracts with local partners for each subwatershed project)

**Staff Qualifications**: This task will be completed by existing qualified staff members of LSC Partner organizations.

Activity Description: This Activity includes two three general types of analyses: 1) Subwatershed Assessment (or similar analysis, not necessarily SWA protocols), and 2) Targeted Street Sweeping Analysis, and 3) Forest Management Plans or Woodland Stewardship Plans.

All priority waterbodies are listed in tables 5.2 and 5.3 Regionally Significant Lakes, Rivers and Streams for Pollutant Reductions. Subwatershed analysis requests will be reviewed by the Steering Committee and other committees as appropriate.

Communities or roadways draining to the waterbodies listed in Table 5-2 and Table 5-3 of the LSC CWMP are priorities for Targeted Street Sweeping Studies. Studies will follow the Tree Canopy Assessment Protocol which is available at <a href="https://www.lsc1w1p.org">www.lsc1w1p.org</a>.

All areas identified in Table 5-1 Part C # 43 of the LSC CWMP are priorities for Forest Management Plans or Woodland Stewardship Plans. Plans will follow the MN DNR Forest Stewardship Program.

Item #2: Budget revision to several work plan activities.

FY23 WBIF - Lower St. Croix Watershed Partner	rs Grant - Steerir	ng Committee Recomme	nded Work Plan Budget	Revision (03/26/20	025)
A	В	С	D E		F
WBIF GRANT WORK PLAN ACTIVITY	CURRENT WBIF GRANT ACTIVITY BUDGET	WRIE GRANT WORK	PR RECOMMENDED WBIF BALANCE WITH WORK PLAN BUDGET REVISION (04/28/2025)	AMOUNT WBIF's ENCUMBERED (04/28/2025)	WBIF BALANCE REMAINING WITH PC RECOMMENDED REVISIONS
A1 Structural Ag BMP Implementation	\$ 260,000.00	\$ 85,472.03	\$ 345,472.03	\$ 345,472.03	\$ -
A2 Structural Urban BMP Implementation	\$ 148,054.00	\$ (18,054.00)	\$ 130,000.00	\$ 130,000.00	\$ -
A3 Non-Structural Ag/Urban BMP Implementation	\$ 122,025.00	\$ (20,000.00)	\$ 102,025.00	\$ 102,025.00	\$ -
A4 Wetland Restoration Implementation	\$ 255,000.00	\$ (15,009.84)	\$ 239,990.16	\$ 239,990.16	\$ -
A5 Agronomy Outreach Specialist	\$ 125,000.00	\$ -	\$ 125,000.00	\$ 125,000.00	\$ -
A6 Shared Services Educator	\$ 270,500.00	\$ (12,660.00)	\$ 257,840.00	\$ 227,840.00	\$ 30,000.00
A7 Technical/Engineering	\$ 112,615.00	\$ (36,059.44)	\$ 76,555.56	\$ 76,555.56	\$ -
A8 Internal Analyses	\$ 18,000.00	\$ 27,000.00	\$ 45,000.00	\$ 45,000.00	\$ -
A9 Targeting Analyses	\$ 45,000.00	\$ (6,000.00)	\$ 39,000.00	\$ 19,000.00	\$ 20,000.00
A10 Administration/Coordination	\$ 90,000.00	\$ (4,688.75)	\$ 85,311.25	\$ 85,311.25	\$ -
PROJECT BALANCE:	\$ 1,446,194.00	\$ -	\$ 1,446,194.00	\$ 1,396,194.00	\$ 50,000.00

#### **Item #3: Grant Agreement Expiration Date extension request.**

• Current: December 31, 2025

• Recommended: December 31, 2026

### Lower St. Croix Watershed Partnership Policy Committee Recommendation

Recommend that the Lower St. Croix Watershed Partnership local boards approve the proposed LSC FY23 WBIF grant work plan revisions to

- 1. Add Forest Management Plans or Woodland Stewardship Plans as an eligible activity under the Targeted Analyses activity.
- 2. Amend the budget as recommended by the LSC WP Policy Committee on April 28, 2025
- 3. Extend the grant agreement expiration date from December 31, 2025 to December 31, 2026.

#### Next steps

The local governing boards must act on Policy Committee recommendations within 60 days after the day on which the Policy Committee formally adopted such a recommendation. The decisions of the various governing boards of the Lower St. Croix Watershed Partnership will be deemed approved for purposes of this Agreement when 2/3rds of the governing bodies have adopted formal action on the respective recommendation. Upon local board action, please notify both Craig Mell and Angie Hong via email of the local boards decision pertaining to this agenda item. The Chisago SWCD, acting as the Fiscal Agent, will then submit a work plan revision request to the Board of Water and Soil Resources for consideration and approval.