

MIDDLE ST. CROIX WATERSHED MANAGEMENT ORGANIZATION

455 HAYWARD AVENUE, OAKDALE, MINNESOTA 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, August 8th, 2024

6:00PM

1. Call to Order – 6:00PM
 - a. Approval of Agenda
2. Approval of Minutes
 - a. Draft minutes – July 11th, 2024 **pg. 1-5**
3. Treasurer’s Report
 - a. Report of savings account, assets for August 8th, 2024
 - b. Approve payment of bills for August 8th, 2024
4. Public Comment
5. Watershed Management Plan Update
6. Old Business
 - a. WMO Legal Services **pg. 6**
7. New Business
 - a. 2024 Second Half Contribution Requests **pg. 7-14**
8. Grant and Cost Share Applications
 - a. Seigler Raingarden Planting **pg. 15**
9. Plan Reviews/Submittals
 - a. Plan Review and Submittal Summary **pg. 16**
 - i. Mister Car Wash– **INFORM**
 - ii. Centerpoint Utility Work – **ACTION pg. 17-24**
 - b. Erosion and Sediment Control Inspection Reports **pg. 25-32**
10. Staff Report **pg. 33-35**
11. 1W1P Updates
12. Other
13. Adjourn

Middle St. Croix Watershed Management Organization Member Communities

Afton, Bayport, Baytown, Lakeland, Lakeland Shores, Lake St. Croix Beach, Oak Park Heights, St. Mary’s Point, Stillwater, & West Lakeland

Regular Meeting of the Middle St. Croix Watershed Management Organization
Washington Conservation District, 455 Hayward Ave N
Thursday, July 11th, 2024
6:00PM

Present: Tom McCarthy, Lake St. Croix Beach; Ryan Collins, Stillwater; Avis Peters, Baytown;
Rachel Dana, West Lakeland; Dave Millard, Lakeland; Carly Johnson, Oak Park Heights;
Administrator Matt Oldenburg-Downing; Amanda Herbrand, WCD
Audience: Tim Schneider, Chas Salmen (remote), Deb (remote)

Call to Order

Manager McCarthy called the meeting to order at 6:00PM.

Approval of Agenda

Manager McCarthy motioned to approve the agenda. Manager Collins seconded the motion. The motion carried with all in favor.

Approval of Minutes

Manager McCarthy motioned to approve the draft May 9th, 2024 board meeting minutes, Manager Dana seconded the motion. The motion carried with all in favor.

Treasurer's Report

Administrator Oldenburg-Downing presented the treasurer's report. The remaining checking account balance on July 11th was \$159,393.72. First Bank CD's were valued at \$213,549.15. The ending value on the RBC savings account from June was \$95,178.98. Manager McCarthy motioned to approve the report of the savings account and assets for July 11th, 2024. Manager Collins seconded the motion. The motion carried with all in favor.

Bills to approve this month are six bills to the Washington Conservation District and one bill to the League of MN Cities totaling \$23,092.25. Manager McCarthy motioned to approve payment of bills for \$23,092.25 for July 11th, 2024. Manager Peters seconded the motion. The motion carried with all in favor.

Public Comment

None

Watershed Management Plan Update

None

Old Business

2025 Draft Budget Finalization

Administrator Oldenburg-Downing states he received no comments after sending out the 2025 Draft Budget and is seeking approval to finalize the 2025 Budget. Manager McCarthy motioned to approve the 2025 Draft Budget, manager Collins seconded the motion. The motion carried with all in favor.

New Business

Lakeland Local Surface Water Management Plan Review

The City of Lakeland's consultant notified the WMO of their submittal of the City Comprehensive Plan on May 21st. They also included their Local Surface Water Management Plan (LSWMP). By rule the WMO and Metropolitan Council need to be notified of review at the same time and complete their respective reviews in 60 and 45 days. Also by rule, any comments made by Metropolitan Council need to be incorporated in the WMO comments.

The LSWMP should have been updated within 180 days of the adoption of the 2015-2025 WMO Watershed Management Plan (WMP). The City of Lakeland never submitted a LSWMP for WMO review; the first record that the WMO had seen it was the May 21st notice.

Acknowledging that the City has already responded to and submitted to Met Council comment, and the current WMP is about to expire, it is Administrator Oldenburg-Downing's recommendation that the WMO approve the LSWMP without providing comment. When the 2025-2035 WMP is adopted, the City will need to prepare a LSWMP that meets those new requirements. We would also strongly suggest the City meet 2050 Comp Plan requirements, as those are likely to be due in 2028.

Manager McCarthy motioned to approve the Lakeland Local Surface Water Management Plan without comment. Manager Johnson seconded the motion. The motion carried with all in favor.

2024 Children's Water Festival Sponsorship

The Metro Children's Water Festival is seeking sponsors for the 2024 Children's Water Festival.

Manager Peters motions to approve sponsorship in the amount of \$500.00. Manager Johnson seconded the motion. The motion carried with all in favor.

2023 Audit

Administrator Oldenburg-Downing presented the 2023 Audit for approval.

Manager Peters motioned to approve the 2023 Audit, Manager McCarthy seconded the motion. The motion carried with all in favor.

WMO Legal Services

Administrator Oldenburg-Downing informs the board that it was brought to his attention that MSCWMO's legal counsel, Troy Gilchrist, is no longer with Kennedy & Graven. Administrator Oldenburg-Downing is seeking direction on how to proceed and offers some potential options:

- Continue engagement with Kennedy & Graven, assuming they have the capacity and expertise to do so
- Reach out to Troy Gilchrist at his new firm and request continued service
- Solicit for services from other firms

Manager Johnson motioned to proceed with the bidding process for legal services and reach out to both Kennedy & Graven and Troy Gilchrist to express interest in continued service, if legally

possible under bidding rules. Manager Millard seconded the motion. The motion carried with all in favor.

Grant and Cost Share Applications

Miller Raingarden Planting

On May 9th the MSCWMO board approved cost share encumbrance of up to \$500 for the Miller/Sunnyside 2 Raingarden Enhancement project located at 6201 St. Croix Trail N in Oak Park Heights. The designated HOA representative has submitted receipts for work (installation of native perennials) completed in May of 2024, totaling \$562.59 in material costs.

Manager McCarthy motioned to approve reimbursement of \$500.00 cost share for the installation of the Miller/Sunnyside 2 Raingarden Enhancement project. Manager Dana seconded the motion. The motion carried with all in favor.

Swanson Pollinator Planting

On May 9th the MSCWMO board approved cost share encumbrance of up to \$250 for the Swanson Landscaping for Habitat project located at 4425 Odegard Ave N in Baytown Township. The landowner has submitted receipts for work (installation of native perennials) completed in May of 2024, totaling \$903.13 in material costs.

Manager Collins motioned to approve reimbursement of \$250.00 cost share for the installation of the Swanson Landscaping for Habitat project, Manager McCarthy seconded the motion. The motion carried with all in favor.

Paulson Pollinator Planting

On April 11th the MSCWMO board approved cost share encumbrance of up to \$250 for the Paulson Landscaping for Habitat project located at 16681 16th St S in Lake St. Croix Beach, MN. The landowner has submitted receipts for work (installation of native perennials) completed in April and May of 2024, totaling \$251.62 in material costs.

Manager McCarthy motioned to approve reimbursement of \$250.00 cost share for the installation of the Paulson Landscaping for Habitat project, Manager Dana seconded the motion. The motion carried with all in favor.

LSCB Bluff Stabilization

The City of Lake St. Croix Beach is applying for the Landscaping for Water Quality Grant to stabilize a 90 linear-foot stretch of riverbank immediately north of the LSCB levee where recent flooding & tree mortality has caused substantial soil loss. The City has received two quotes for riprap toe installation and bank stabilization from Max Todo Marine Services and Tri-County Services ranging from \$28,000 to \$32,250.

Manager McCarthy motioned to approve encumbrance of \$5,000.00 in cost share for the installation of the Lake St. Croix Beach shoreline stabilization project. Manager Peters seconded the motion. The motion carried with all in favor.

Plan Reviews/Submittals

Mister Car Wash – ACTION

An application for project review was received on April 2nd, 2024 and revised materials were received May 23rd, 2024 for the proposed Mister Car Wash located at 14100 60th St. N in Stillwater. The project involves creation of approximately 0.77 acres of new impervious for the parking lot, sidewalks, and building. Stormwater management is provided with an underground filtration system and Bayfilter structure. Volume control is not provided because the site is in a high vulnerability DWSMA. The proposed system has demonstrated compliance with the flexible treatment options for the annual TP removal estimate.

MSCWMO staff recommends approval with three conditions:

1. Drainage easements covering land adjacent to ponding areas, wetlands, and waterways up to their 100-year flood levels and covering all ditches and storm sewers are recorded. Access easements to these drainage easements and to other stormwater management facilities shall also be recorded.
2. A proposed maintenance agreement, which may be in the format of Appendix K, or other form approved by the city is executed.
3. Prior to the release of any remaining fee or security, the permit holder must provide documentation that constructed volume control facilities perform as designed.

This project was administratively approved in June. Now that conditions for the project have been met, Administrator Oldenburg-Downing is requesting board action.

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

Garelick Addition – ACTION

An application for project review and complete materials were received on July 1st, 2024 for the proposed home and driveway addition at 75 Lakeland Shores Rd N in Lakeland Shores. The project involves creation of approximately 1,400 square feet of new impervious in the St. Croix Riverway. Stormwater management is provided with a rain garden receiving stormwater runoff routed from the new addition and concrete parking pad. The project will require a variance from Lakeland Shores for the more restrictive 50' bluffline setback and exceedance of the 20% impervious surface lot coverage.

MSCWMO staff recommends approval with one condition:

1. A variance to the City of Lakeland Shores Riverway Shoreland and Bluffland ordinance is granted for exceeding the impervious surface coverage limit and more restrictive 50' bluffline setback.

Manager Peters motioned to approve the project with the one condition. Manager Johnson seconded the motion. The motion carried with all in favor.

Ruff Garage Addition – ACTION

An application for project review and complete materials were received on July 1st, 2024 for the proposed detached garage and driveway reconstruction at 1411 Old Toll Bridge Rd in Lakeland. The project involves creation of approximately 2,500 square feet of new/reconstructed

impervious in the St. Croix Riverway. Stormwater management is provided with a rain garden receiving stormwater runoff routed from the garage and driveway.

MSCWMO staff recommends approval with three conditions:

1. Add 100-year flood elevation (692) to site plan.
2. Add erosion prevention, sediment control, inspection/maintenance, and pollution prevention narrative to site plan.
3. Correct contour labels to meet maximum volume control depth of 1.5' and add cross section detail and construction standard narrative to site plan.

Manager McCarthy motioned to approve the project with the three conditions, Manager Millard second the motion. The motion carried with all in favor.

Erosion and Sediment Control Inspection Reports

Five erosion and sediment control inspection reports were conducted and submitted by Washington Conservation District staff. Of the reports, two received an “A” grade, two received a “B” grade, and one received a “C” grade. A grade of C means the site is not in compliance and maintenance or supplemental practices are required to bring the site into compliance.

Staff Report

Administrator Oldenburg-Downing presented the staff report. Work is ongoing on the 10-Year Management Plan Update. Water monitoring and BMP maintenance continue as normal for the season. For small scale habitat and water quality enhancement project work, work will commence in July to restore buffer areas along the St. Croix in Lake St. Croix Beach and to stabilize eroding shoreline on Lake McKusick.

1W1P Updates

Representative Appointments

Manager Zeller has been acting as the MSCWMO representative to the 1W1P meetings since former Manager Runk withdrew from the board. Administrator Oldenburg-Downing asks the board if they want to appoint a new representative. This item was tabled last meeting due to Manager Zeller not being in attendance.

Manager Johnson motioned to appoint Manager Zeller long-term as the MSCWMO 1W1P representative. Manager Peters seconded the motion. The motion carried with all in favor.

Other

None

Adjourn

Manager Peters motioned to adjourn the meeting, Manager Johnson seconded the motion. The meeting adjourned at 6:36.

July 26, 2024

Middle St. Croix Watershed Management Organization
c/o Matt Downing, Administrator

VIA EMAIL ONLY

Re: Proposal to Continue to Serve as the WMO's Attorney

Dear Matt:

I am writing to express my interest in continuing to represent the Middle St. Croix Watershed Management Organization. As you noted, I left Kennedy & Graven to start my own firm with another former partner. I have refocused my practice as part of my new firm and watersheds are among those entities that I am continuing to represent. I have not reached out to all of the WMOs I have represented in the past, but Shingle Creek, West Mississippi, Sunrise River, Upper Rum River, Lower Rum River, Vadnais Lakes Area, and the Rum River Watershed Partnership have all formally acted to have me continue to represent them.

I would stay with the \$200 an hour rate I previously quoted you in the proposal for 2023-2024. If you go out for proposals again for 2025-2026 I will be happy to submit a new proposal.

Feel free to let me know if there are any questions.

Thank you.

Sincerely,



Troy Gilchrist

MIDDLE ST. CROIX WATERSHED MANAGEMENT ORGANIZATION

455 Hayward Avenue, Oakdale MN 55128
Phone 651.330.8220 x2227 fax 651.330.7747 www.mscwmo.org



July 31, 2024

Chair John Hall
Baytown Township
4020 McDonald Dr. N
Stillwater MN 55082

RE: 2024 Second Half Contribution Request

Honorable Chair Hall:

The Middle St. Croix Watershed Management Organization's (MSCWMO) 2024 budget was set at \$146,325.00. We are sending this letter to remind you that second half contribution payments are due on October 1, 2024.

The MSCWMO approved their 2024 budget on July 13th, 2023. Based on the funding formula in the Joint Powers Agreement, your 2024 annual contribution will be \$16,686.95.

Based on the funding formula in the Joint Powers Agreement, your community's **second-half payment, due October 1st is \$8,343.48.**

The MSCWMO Board of Managers thanks your community for its continued support of the watershed management organization. If you have any questions or comments regarding the budget, please contact Matt Oldenburg-Downing at 651-330-8220 ext. 2227 or at moldenburg-downing@mnwcd.org.

Sincerely,

A handwritten signature in black ink, appearing to read "Matt Oldenburg-Downing".

Matt Oldenburg-Downing, Administrator
Middle St. Croix Watershed Management Organization

cc: MSCWMO Board Member Avis Peters

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July 26, 2024

Honorable Mayor Tom McCarthy
City of Lake St. Croix Beach
16455 20th St S
Lake St. Croix Beach MN 55043

RE: 2024 Second Half Contribution Request

Honorable Mayor McCarthy:

The Middle St. Croix Watershed Management Organization’s (MSCWMO) 2024 budget was set at \$146,325.00. We are sending this letter to remind you that second half contribution payments are due on October 1st, 2024.

The MSCWMO approved their 2024 budget on July 13th, 2023. Based on the funding formula in the Joint Powers Agreement, your 2024 annual contribution will be \$4,345.64.

Based on the funding formula in the Joint Powers Agreement, your community’s **second-half payment, due October 1st is \$2,172.82.**

The MSCWMO Board of Managers thanks your community for its continued support of the watershed management organization. If you have any questions or comments regarding the budget, please contact Matt Oldenburg-Downing at 651-330-8220 ext. 2227 or at moldenburg-downing@mnwcd.org.

Sincerely,

Matt Oldenburg-Downing, Administrator
Middle St. Croix Watershed Management Organization

cc: MSCWMO Board Member Tom McCarthy

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455 Hayward Avenue, Oakdale MN 55128
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July 26, 2024

Honorable Mayor Robert Craggs
City of Lakeland
690 Quinnell Ave
Lakeland MN 55043

RE: 2024 Second Half Contribution Request

Honorable Mayor Craggs:

The Middle St. Croix Watershed Management Organization's (MSCWMO) 2024 budget was set at \$146,325.00. We are sending this letter to remind you that second half contribution payments are due on October 1st, 2024.

The MSCWMO approved their 2024 budget on July 13th, 2023. Based on the funding formula in the Joint Powers Agreement, your 2024 annual contribution will be \$13,443.55.

Based on the funding formula in the Joint Powers Agreement, your community's **second-half payment, due October 1st is \$6,721.77.**

The MSCWMO Board of Managers thanks your community for its continued support of the watershed management organization. If you have any questions or comments regarding the budget, please contact Matt Oldenburg-Downing at 651-330-8220 ext. 2227 or at moldneburg-downing@mnwcd.org.

Sincerely,

A handwritten signature in black ink, appearing to read "Matt Oldenburg-Downing".

Matt Oldenburg-Downing, Administrator
Middle St. Croix Watershed Management Organization

cc: MSCWMO Board Member Dave Millard

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July 26, 2024

Honorable Mayor John Bischoff
City of Lakeland Shores
P.O. Box 246
Lakeland MN 55043

RE: 2024 Second Half Contribution Request

Honorable Mayor Bischoff:

The Middle St. Croix Watershed Management Organization's (MSCWMO) 2024 budget was set at \$146,325.00. We are sending this letter to remind you that second half contribution payments are due on October 1st, 2024.

The MSCWMO approved their 2024 budget on July 13th, 2023. Based on the funding formula in the Joint Powers Agreement, your 2024 annual contribution will be \$2,476.86.

Based on the funding formula in the Joint Powers Agreement, your community's **second-half payment, due October 1st is \$1,238.43.**

The MSCWMO Board of Managers thanks your community for its continued support of the watershed management organization. If you have any questions or comments regarding the budget, please contact Matt Oldenburg-Downing at 651-330-8220 ext. 2227 or at moldenburg-downing@mnwcd.org.

Sincerely,

A handwritten signature in black ink, appearing to read "Matt Oldenburg-Downing".

Matt Oldenburg-Downing, Administrator
Middle St. Croix Watershed Management Organization

cc: MSCWMO Board Member Brian Zeller

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July 26, 2024

Honorable Mayor Mary McComber
City of Oak Park Heights
14168 Oak Park Blvd North
Oak Park Heights MN 55082

RE: 2024 Second Half Contribution Request

Honorable Mayor McComber:

The Middle St. Croix Watershed Management Organization's (MSCWMO) 2024 budget was set at \$146,325.00. We are sending this letter to remind you that second half contribution payments are due on October 1st, 2024.

The MSCWMO approved their 2024 budget on July 13th, 2023. Based on the funding formula in the Joint Powers Agreement, your 2024 annual contribution will be \$23,625.47.

Based on the funding formula in the Joint Powers Agreement, your community's **second-half payment, due October 1st is \$11,812.73.**

The MSCWMO Board of Managers thanks your community for its continued support of the watershed management organization. If you have any questions or comments regarding the budget, please contact Matt Oldenburg-Downing at 651-330-8220 ext. 2227 or at moldenburg-downing@mnwcd.org.

Sincerely,

A handwritten signature in black ink, appearing to read "Matt Oldenburg-Downing".

Matt Oldenburg-Downing, Administrator
Middle St. Croix Watershed Management Organization

cc: MSCWMO Board Member Carly Johnson

MIDDLE ST. CROIX WATERSHED MANAGEMENT ORGANIZATION

455 Hayward Avenue, Oakdale MN 55128
Phone 651.330.8220 x2227 fax 651.330.7747 www.mscwmo.org



July 26, 2024

Honorable Mayor Jay Roettger
City of St. Mary's Point
16491 St. Mary's Drive
St. Mary's Point MN 55043

RE: 2024 Second Half Contribution Request

Honorable Mayor Rottger:

The Middle St. Croix Watershed Management Organization's (MSCWMO) 2024 budget was set at \$146,325.00. We are sending this letter to remind you that second half contribution payments are due on October 1st, 2024.

The MSCWMO approved their 2023 budget on July 13th, 2023. Based on the funding formula in the Joint Powers Agreement, your 2024 annual contribution will be \$2,055.48.

Based on the funding formula in the Joint Powers Agreement, your community's **second-half payment, due October 1st is \$1,027.74.**

The MSCWMO Board of Managers thanks your community for its continued support of the watershed management organization. If you have any questions or comments regarding the budget, please contact Matt Oldenburg-Downing at 651-330-8220 ext. 2227 or at moldenburg-downing@mnwcd.org.

Sincerely,

Matt Oldenburg-Downing, Administrator
Middle St. Croix Watershed Management Organization

cc: MSCWMO Board Member Beth Olfelt-Nelson

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July 31st, 2024

Honorable Mayor Ted Kozolowski
City of Stillwater
216 North 4th Street
Stillwater MN 55082

RE: 2024 Second Half Contribution Request

Honorable Mayor Kozolowski:

The Middle St. Croix Watershed Management Organization’s (MSCWMO) 2024 budget was set at \$146,325.00. We are sending this letter to remind you that second half contribution payments are due on October 1, 2024.

The MSCWMO approved their 2024 budget on July 13th, 2023. Based on the funding formula in the Joint Powers Agreement, your 2024 annual contribution will be \$41,406.87.

Based on the funding formula in the Joint Powers Agreement, your community’s **second-half payment, due October 1st is \$20,703.43.**

The MSCWMO Board of Managers thanks your community for its continued support of the watershed management organization. If you have any questions or comments regarding the budget, please contact Matthew Oldenburg-Downing at 651-330-8220 ext. 2227 or at moldenburg-downing@mnwcd.org.

Sincerely,

A handwritten signature in black ink, appearing to read "Matt Oldenburg-Downing".

Matt Oldenburg-Downing, Administrator
Middle St. Croix Watershed Management Organization

cc: MSCWMO Board Member Ryan Collins

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July 31, 2024

Chair Philip Moosbrugger
West Lakeland Township
PO Box 447
Lake Elmo MN 55042

RE: 2024 Second Half Contribution Request

Honorable Chair Moosbrugger:

The Middle St. Croix Watershed Management Organization's (MSCWMO) 2024 budget was set at \$146,325.00. We are sending this letter to remind you that second half contribution payments are due on October 1, 2024.

The MSCWMO approved their 2024 budget on July 13th, 2023. Based on the funding formula in the Joint Powers Agreement, your 2024 annual contribution will be \$21,853.05.

Based on the funding formula in the Joint Powers Agreement, your community's **second-half payment, due October 1st is \$10,926.52.**

The MSCWMO Board of Managers thanks your community for its continued support of the watershed management organization. If you have any questions or comments regarding the budget, please contact Matt Oldenburg-Downing at 651-330-8220 ext. 2227 or at moldenburg-downing@mnwcd.org.

Sincerely,

A handwritten signature in black ink, appearing to read "Matt Oldenburg-Downing".

Matt Oldenburg-Downing, Administrator
Middle St. Croix Watershed Management Organization

cc: MSCWMO Board Member Rachel Dana



TO: Middle St. Croix Board of Managers
 FROM: Brett Stolpestad, Landscape Restoration Specialist, Washington Conservation District
 DATE: July 26, 2024
 RE: Request for Reimbursement – Siegler Shoreline Enhancement

On April 11th the MSCWMO board approved cost share encumbrance of up to \$375 to stabilize 60 linear feet of eroding shoreline on Lake McKusick, located at 1410 Meadowlark Dr., Stillwater. The landowner completed the project in July of 2024 with assistance from WCD staff and Conservation Corps crew labor with a total materials cost of \$1,081.58.

Project Estimate: \$735.00
Actual Expenditure: \$1,081.58
Cost Share Encumbered: \$375.00

Requested Board Action: Motion by Board Member 1, seconded by Board Member 2, to approve reimbursement of \$375.00 cost share for the installation of the Siegler Shoreline Enhancement.

Location & Photos:





TO: Matt Oldenburg-Downing, Administrator
FROM: Rebecca Nestingen, PE
DATE: August 2, 2024
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):

- **Quixote CenterPoint Pipeline.** Submittal items were received on August 1st, 2024 for proposed relocation of approximately 460 linear feet of CenterPoint natural gas pipeline along 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 construction within the 40-foot bluffline setback. Minimal grading and surface disturbance is expected since the proposed project will utilize horizontal bore methods for pipeline and service installation. Minor excavations will occur at service tie in points that are within 40' bluffline setback and is viewed as an allowable exception to the prohibition of construction within the bluffline setback since it is an essential public utility and all other erosion and sediment control standards have been satisfied. *The MSCWMO staff recommends approval for this project.*



August 2, 2024

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 August 1st, 2024 for proposed relocation of approximately 460 linear feet of CenterPoint natural gas pipeline along 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 construction within the 40-foot bluffline setback. Minimal grading and surface disturbance is expected since the proposed project will utilize horizontal bore methods for pipeline and service installation. Minor excavations will occur at service tie in points that are within 40' bluffline setback and is viewed as an allowable exception to the prohibition of construction within the bluffline setback since it is an essential public utility and all other erosion and sediment control standards have been satisfied. The MSCWMO board recommends approval for this project.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Matt Oldenburg-Downing".

Matt Oldenburg-Downing | Administrator
Middle St. Croix Watershed Management Organization



MSCWMO Review ID: 24-006

Review Date: 8/2/2024

Project Name: Quixote Ave N

Location: Lakeland

Applicant: CenterPoint Energy

Purpose: Relocate natural gas main pipeline

Recommendation: Approve. The trigger for the project review is construction within 40-feet of the bluffline therefore only the erosion and sediment control standards are applicable. Minimal grading and surface disturbance is expected since the proposed project will utilize horizontal bore methods for pipeline and service installation. Minor excavations will occur at service tie in points that are within 40' bluffline setback and is viewed as an allowable exception to the prohibition of construction within the bluffline setback since it is an essential public utility and all other erosion and sediment control standards have been satisfied.

Applicability:

- Any project undertaking grading, filling, or other land alteration activities which involve movement of 100 cubic yards of earth or removal of vegetation on greater than 10,000 square feet of land.
- Any project that creates or fully reconstruct 6,000 square feet or more of impervious surface.
- All major subdivisions or minor subdivisions that are part of a common plan of development. Major subdivisions are defined as subdivisions with 4 or more lots.
- Any project with wetland impacts, grading within public waters, grading within buffers or **within 40-feet of the bluff line.**
- Development projects that impact 2 or more of the member communities.
- New or redevelopment projects within the St. Croix Riverway that require a building permit that add 500 square feet of additional impervious surface.
- Any project requiring a variance from the current local impervious surface zoning requirements for the property.
- Any land development activity, regardless of size, that the City determines is likely to cause an adverse impact to an environmentally sensitive area or other property, or may violate any other erosion and sediment control standard set by the member community.

Submittal Items:

- A completed and signed project review application form and review fee.
- Grading Plan/Mapping Exhibits:
 - Property lines and delineation of lands under ownership of the applicant.
 - Delineation of existing on-site wetlands, shoreland and/or floodplain areas (including any buffers).
 - Ordinary High Water (OHW) elevations and datum, as determined by the MDNR (if applicable).

- Existing and proposed site contour elevations related to NAVD 1988 datum (preferred) or NGVD, 1929. Datum must be noted on exhibits.
- Drainage easements covering land adjacent to ponding areas, wetlands, and waterways up to their 100-year flood levels and covering all ditches and storm sewers. Access easements to these drainage easements and to other stormwater management facilities shall also be shown. (Not required for sites within public right-of-way)
- Minimum building elevation for each lot.
- Identification of downstream water body.
- Delineation of the subwatersheds contributing runoff from off-site, proposed and existing on-site subwatersheds, and flow directions/patterns.
- Location, alignment, and elevation of proposed and existing stormwater facilities.
- Existing and proposed normal water elevations and the critical (the highest) water level produced from the 100-year 24-hour storms.
- Location of the 100-year flood elevation, natural overflow elevation, and lowest floor elevations.
- A Stormwater Pollution Prevention Plan in compliance with the requirements of the NPDES SDS Construction Stormwater Permit.

NA Permanent Stormwater Management System in compliance with the requirements of the NPDES SDS Construction Stormwater Permit and MSCWMO Performance Standards.

- Impervious areas (Pre- and Post-Construction).

NA Construction plans and specifications for all proposed stormwater management facilities.

NA Location(s) of past, current or future onsite well and septic systems (if applicable).

NA Other exhibits required to show conformance to these Performance Standards.

NA Hydrologic/Hydraulic Design Exhibits:

- All hydrologic and hydraulic computations completed to design the proposed stormwater management facilities shall be submitted. Model summaries must be submitted. The summaries shall include a map that corresponds to the drainage areas in the model and all other information used to develop the model.
- A table (or tables) must be submitted showing the following:
 - A listing of all points where runoff leaves the site and the existing and proposed stormwater runoff rates and volumes.
 - A listing of the normal water levels under existing and proposed conditions and the water levels produced from the storm and runoff events listed above for all on-site wetlands, ponds, depressions, lakes, streams, and creeks.

NA A proposed maintenance agreement, which may be in the format of Appendix K, or other form approved by the city.

- This site drains to, and is within one mile of special or impaired water and complies NPDES CSW additional requirements.

STORMWATER MANAGEMENT PERFORMANCE STANDARDS

NA Water quality treatment is provided prior to direct discharge of stormwater to wetlands and all other water bodies.

Rate and Flood Control Standards

NA The peak rate of stormwater runoff from a newly developed or redeveloped site shall not exceed the 2-, 10-, and 100-year 24-hour storms with respective 2.8, 4.2, and 7.3-inch rainfall depths with MSCWMO approved time distribution based on Atlas 14 for existing and proposed conditions. The runoff curve number for existing agriculture areas shall be less than or equal to the developed condition curve number. The newly developed or redeveloped peak rate shall not exceed the existing peak rate of runoff for all critical duration events, up to and including the 100-year return frequency storm event for all points where discharges leave a site during all phases of development.

NA Predevelopment conditions assume “good hydrologic conditions” for appropriate land covers as identified in TR-55 or an equivalent methodology. Runoff curve numbers have been increased where predevelopment land cover is cropland:

Hydrologic Soil Group A	Runoff Curve Number 56
Hydrologic Soil Group B	Runoff Curve Number 70
Hydrologic Soil Group C	Runoff Curve Number 79
Hydrologic Soil Group D	Runoff Curve Number 83

NA Computer modeling analyses includes secondary overflows for events exceeding the storm sewer systems level-of-service up through the critical 100-year event.

NA In sub-areas of a landlocked watershed, the proposed project does not increase the predevelopment volume or rate of discharge from the sub-area for the 10-year return period event.

NA Flowage easements up to the 100-yr flood level have been secured for stormwater management facilities (such as ditches and storm sewers).

NA Lowest floor elevations of structures built adjacent to stormwater management features and other water bodies are a minimum of two feet above the 100-year flood elevation and a minimum of two feet above the natural overflow of landlocked basins.

Volume Control Standards

NA Calculations/computer model results indicate stormwater volume is controlled for new development and redevelopment requirements per the MSCWMO Design Standards.

Volume Retention Required (cu. ft.)	Volume Retention Provided (cu. ft.)
$XX,XXX \text{ sq. ft.} \times \frac{1.1 \text{ in}}{12 \text{ in/ft}} = X,XXX \text{ cu. ft.}$	BMP Volume
$XX,XXX \text{ sq. ft.} \times \frac{0.55 \text{ in}}{12 \text{ in/ft}} = X,XXX \text{ cu. ft.}$	BMP #1 X,XXX cu. ft.
	BMP #2 X,XXX cu. ft.
Total Required Volume Retention = X,XXX cu. ft.	Total Provided Volume Retention = X,XXX cu. ft.

Flexible Treatment Options (when applicable)

- NA Applicant demonstrated qualifying restrictions as defined in Section 7.2.2 (4) of the 2015 MSCWMO Watershed Management Plan that prohibits the infiltration of the entire required volume.
- NA FTO #1: MIDS calculator submission removes 75% of the annual total phosphorous.
- NA FTO #2: MIDS calculator submission removes 60% of the annual total phosphorous.
- NA FTO #3: Offsite mitigation equivalent to the volume reduction standard is provided.

Infiltration/Filtration Design Standards

- NA Proposed stormwater management features meet or exceed NPDES General Construction Permit requirements are designed in conformance with the most recent edition of the State of Minnesota Stormwater Manual.
- NA None of the following conditions exist that prohibit infiltration of stormwater on the site
 - a. Areas where vehicle fueling and maintenance occur.
 - b. Areas where contaminants in soil or groundwater will be mobilized by infiltrating stormwater.
 - c. Areas where soil infiltration rates are field measured at more than 8.3 inches per hour unless amended to slow the infiltration rate below 8.3 inches per hour.
 - d. Areas with less than three (3) feet of separation distance from the bottom of the infiltration system to the elevation of the seasonally saturated soils or the top of bedrock.
 - e. Areas of Hydrologic Soil Group D (clay) soils
 - f. Areas within DSWMAs and ERAs unless infiltration is deemed appropriate based on Minnesota Stormwater Manual Guidance
 - g. Areas within 1,000 feet up-gradient, or 100 feet down-gradient of active karst features unless allowed by a local unit of government with a current MS4 permit.
 - h. Areas that receive runoff from industrial facilities not authorized to infiltration stormwater under the NPDES stormwater permit for industrial activities.

NA Minimum setbacks from the Minnesota Department of Health for infiltration practices are met

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

*Minimum with slopes directed away from the building

- NA Pretreatment devices(s) remove at least 50% of sediment loads. If downstream from a potential hot spot, a skimmer is in place to facilitate cleanup.
- NA Water quality volume will be discharged through infiltration or filtration media in 48 hours or less.
- NA For bioretention (biofiltration and bioinfiltration) volume control management facilities above ground with vegetation the period of inundation shall be calculated using the maximum water depth below the surface discharge elevation and the soil infiltration rate.
- NA For infiltration basin volume control management facilities the period of inundation shall be calculated using the maximum water depth below the surface discharge elevation and the soil infiltration rate.

- NA Appropriate soil borings have been conducted that meet the minimum standards.
- A minimum of one boring was conducted at the location of the infiltration facility for facilities up to 1,000 ft²; between 1,000 and 5,000 ft², two borings; between 5,000 and 10,000 ft², three borings; and greater than 10,000 ft², 4 borings plus an additional boring for every 2,500 ft² beyond 12,500 ft².
 - Soil borings extend a minimum of five feet below the bottom of the infiltration practice. If fractured bedrock is suspected, the soil boring goes to a depth of at least ten feet below the proposed bottom of the volume control facility.
 - A minimum of three feet of separation to the seasonal water table and/or bedrock.
 - Identify unified soil classification.
- NA The least permeable soils horizon identified in the soil boring dictated the infiltration rate.
- NA Additional flows are bypassed and are routed through stabilized discharge points.
- NA Filtration basin demonstrates a basin draw down between 24 hours and 48 hours.
- NA Filtration system Iron Enhanced Sand Filter is sized to bind soluble phosphorous removal for 30 year functional life of the system using the published value of 17lbs.phosphorous removal per 20 yards of 5% by weight iron filings to 95% sand.
- NA Identify as build survey and method to demonstrate infiltration or filtration basin is functioning.
- NA Construction plans provide adequate construction guidance to prevent clogging or compaction and demonstrate performance.
- Excavation within 2.0 feet of final grade for infiltration/filtration systems is prohibited until contributing drainage areas are constructed and fully stabilized.
 - Rigorous sediment and erosion controls planned to divert runoff away from the system.
 - Installation of volume control facilities must occur in dry soil conditions. Excavation, soil placement and rapid stabilization of perimeter slopes must be accomplished prior to the next precipitation event.
 - 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.
 - Prior to the release of any remaining fee or security, the permit holder must provide documentation that constructed volume control facilities perform as designed.
- NA There is a way to visually verify the system is operating as designed.
- NA A minimum 8.0' maintenance access is provided to all stormwater facilities.

EROSION AND SEDIMENT CONTROL PERFORMANCE STANDARDS

- A Stormwater Pollution Prevention Plan (SWPPP) that meets the National Pollutant Discharge Elimination System (NPDES) requirements.

Narrative

- Identify the person knowledgeable and experienced who will oversee the implementation of the SWPPP; the installation, inspection, and maintenance of the BMPs.
- Identifies the person who will oversee the BMP inspection and maintenance.
 - Identify the training requirements are satisfied.
 - Inspections performed once every 7 days.
 - Inspections performed within 24 hours of a rain event greater than 0.5 in/24 hours.

- e. Inspection and Maintenance records include:
 - i. Date and time of inspection.
 - ii. Name of person(s) conducting inspections.
 - iii. Finding of inspections, including the specific location where corrective actions are needed.
 - iv. Corrective actions taken (including dates, times, and party completing maintenance activities).
 - v. Date and amount of rainfall events greater than 0.5 in/24 hours.
 - vi. Rainfall amounts must be obtained by a properly maintained rain gauge installed onsite, or by a weather station that is within one mile or by a weather reporting system.
 - vii. Requirements to observe, describe, and photograph any discharge that may be occurring during the inspection.
 - viii. All discovered nonfunctional BMPs must be repaired, replaced, or supplemented with functional BMPs within 24 hours after discovery, or as soon as field conditions allow.
- Describes procedures to amend the SWPPP and establish additional temporary ESC BMPs as necessary for site conditions.
- Describes the installation timing for all Erosion Sediment Control (ESC) Best Management Practices (BMPs).
- Describes final stabilization methods for all exposed areas.
- Methods used to minimize soil compaction and preserve topsoil must be described.
- NA Describes dewatering technique to prevent nuisance conditions, erosion, or inundation of wetlands.
- NA Identifies any specific chemicals and the chemical treatment systems that may be used for enhancing the sedimentation process on the site, and how compliance will be achieved with the permit requirements.
- Describes the following pollution prevention management measures:
 - a. Storage, handling, and disposal of construction products, materials, and wastes.
 - b. Fueling and maintenance of equipment or vehicles; spill prevention and response.
 - c. Vehicle and equipment washing.
 - d. No engine degreasing allowed on site.
 - e. Containment of Concrete and other washout waste.
 - f. Portable toilets are positioned so that they are secure.

Plan Sheets

- NA Temporary Sediment Basins required (10 acres draining to common location or 5 acres App. A) and design meets the following criteria:
 - a. Adequately sized – 2-year, 24-hour storm, minimum 1,800 feet/acre; or no calculative minimum 3,600ft³/acre.
 - b. Designed to prevent short circuiting.
 - c. Outlets designed to remove floating debris.
 - d. Outlets designed to allow complete drawdown.
 - e. Outlets designed to withdraw water from the surface
 - f. Outlets have energy dissipation.
 - g. Have a stabilized emergency spillway.
 - h. Situated outside of surface waters and any natural buffers.
- Locations and types of all temporary and permanent Erosion Control BMPs.

- a. Exposed soils have erosion protection/cover initiated immediately and finished within 7 days.
 - b. Wetted perimeters of ditches stabilized within 200 feet of surface water within 24 hours.
 - c. Pipe outlets have energy dissipation within 24 hours of connecting.
- Locations and types of all temporary and permanent Sediment Control BMPs.
 - a. Sediment control practices established on down gradient perimeters and upgradient of any buffer zones.
 - b. All inlets are protected.
 - c. Stockpiles have sediment control and placed in areas away from surface waters or natural buffers.
 - d. Construction site entrances minimize street tracking?
 - e. Plans minimize soil compaction and, unless infeasible to preserve topsoil.
 - f. Fifty foot natural buffers preserved or (if not feasible) provide redundant sediment controls when a surface water is located within 50 feet of the project's earth disturbances and drains to the surface water.
 - Tabulated quantities of all erosion prevention and sediment control BMPs.
 - Stormwater flow directions and surface water divides for all pre- and post-construction drainage areas.
- NA Locations of areas not to be disturbed (buffer zones).
- NA Location of areas where construction will be phased to minimize duration of exposed soil areas.
- Blufflines are protected from construction activities in urban (40 foot buffer) areas and rural areas (100-foot buffer).

WETLAND PERFORMANCE STANDARDS

- NA Direct discharge of stormwater to wetlands and all other water bodies without water quality treatment is prohibited.
- NA Any potential changes to the hydrology of the wetland (i.e. changes to the outlet elevation or contributing drainage area) must be reviewed to evaluate the impact of both the existing and proposed wetland conditions and approved by the MSCWMO.
- NA Land-altering activities shall not increase the bounce in water level or duration of inundation from a 2.0-inch 24-hour storm for any downstream wetland beyond the limit specified in Table 7.2 for the individual wetland susceptibility class.

LAKE, STREAM AND WETLAND BUFFER PERFORMANCE STANDARDS

- NA A buffer zone of unmowed natural vegetation is maintained or created upslope of all water bodies (wetlands, streams, lakes).
- NA A 50 foot natural buffer or (if a buffer is infeasible) provide redundant sediment controls when a surface water is located within 50 feet of the project's earth disturbances and stormwater flows to the surface water.
- NA If adjacent to a Special or Impaired Water an undisturbed buffer zone of not less than 100 linear feet from the special water is maintained both during construction and as a permanent feature post construction.



Erosion & Sediment Control Compliance Summary & Corrective Action Notice

Inspector Name: Aaron DeRusha **Inspection Date:** 08/01/2024

Project Name: Kleinart Residence **Project Address:** 1935 Quant Ave N

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

Yes No

Inspection Type: Pre-construction Routine Rainfall Post-construction

Overall Site Grade:

<input checked="" type="checkbox"/> A	The site is in full compliance . All practices are in place and the site is well maintained.
<input type="checkbox"/> B	The site is in compliance , but normal maintenance activities are required.
<input type="checkbox"/> C	The site is not in compliance . Maintenance or supplemental practices are required.
<input type="checkbox"/> D	The site is not in compliance . Erosion and sediment control practices are in poor condition and controllable water resources or off-site impacts are likely.
<input type="checkbox"/> F	The site is in severe non-compliance . Controllable water quality or off-site impacts have occurred. Enforcement proceedings will be initiated unless immediate corrective actions are taken.

Corrective Action(s) Required:

General Comments or Potential Areas of Future Concern:

Sod has been installed on disturbed soils, excluding small area where seed is taking. Rain garden size and function confirmed in previous inspection. Project is complete.

Were any discharges observed during this inspection? No Yes

Erosion & Sediment Control Compliance Summary & Corrective Action Notice

	Compliant	Non-compliant	Under Review	Not Inspected
Erosion Prevention Requirements:				
Soils are stabilized where no construction activity has occurred for 14 days (including stockpiles)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Disturbance of steep slopes has been minimized or stabilization practices designed for steep slopes are used	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ditches/swales are stabilized 200' back from point of discharge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Pipe outlets have energy dissipation (within 24 hours of connection)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Construction phasing in accordance with the approved plan is being followed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Areas not to be disturbed are marked off (flags, signs, ect.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sediment Control Requirements:				
Perimeter sediment controls are installed properly on all down gradient perimeters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Appropriate BMPs are installed protecting inlets, catch basins, and culvert inlets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Erodible stockpiles have perimeter control in place	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Temporary sediment basin is built as shown on approved construction plans	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Soil compaction is minimized where applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Maintenance and Inspection Requirements:				
Previously stabilized areas are maintaining ground cover	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Perimeter controls are maintained and functioning properly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Inlet protection devices are maintained and adequately protecting inlets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Temporary sediment basins are being maintained and properly functioning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Vehicle tracking BMPs are in place at site exits and are maintained/functioning properly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tracked sediment is being removed within 24 hours	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Surface waters, ditches, conveyances, and discharge points have been inspected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other Requirements:				
Pollution prevention management measures for solid waste, hazardous materials, concrete and truck washing are in place	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If dewatering is occurring, BMPs are being used to ensure clean water is leaving the site and discharge is not causing erosion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If being utilized, infiltration/filtration systems are marked and protected from compaction and sediment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If required buffers are preserved around all streams, rivers, lakes, and wetlands during construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If required, buffer monumentation has been installed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Erosion & Sediment Control Compliance Summary & Corrective Action Notice

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



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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:** 08/01/2024

Project Name: Baylon Residence **Project Address:** 165 Lakeland Shores Rd

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

Yes No

Inspection Type: Pre-construction Routine Rainfall Post-construction

Overall Site Grade:

<input type="checkbox"/> A	The site is in full compliance . All practices are in place and the site is well maintained.
<input checked="" type="checkbox"/> B	The site is in compliance , but normal maintenance activities are required.
<input type="checkbox"/> C	The site is not in compliance . Maintenance or supplemental practices are required.
<input type="checkbox"/> D	The site is not in compliance . Erosion and sediment control practices are in poor condition and controllable water resources or off-site impacts are likely.
<input type="checkbox"/> F	The site is in severe non-compliance . 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. Repair and/or replace damaged perimeter control

General Comments or Potential Areas of Future Concern:

Repair silt fence in two locations in back of project. Driveway recently poured. Roof downspouts directed to underground stormwater features.

Were any discharges observed during this inspection? No Yes

Erosion & Sediment Control Compliance Summary & Corrective Action Notice

	Compliant	Non-compliant	Under Review	Not Inspected
Erosion Prevention Requirements:				
Soils are stabilized where no construction activity has occurred for 14 days (including stockpiles)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Disturbance of steep slopes has been minimized or stabilization practices designed for steep slopes are used	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>
Ditches/swales are stabilized 200' back from point of discharge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Pipe outlets have energy dissipation (within 24 hours of connection)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Construction phasing in accordance with the approved plan is being followed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Areas not to be disturbed are marked off (flags, signs, ect.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Sediment Control Requirements:				
Perimeter sediment controls are installed properly on all down gradient perimeters	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Appropriate BMPs are installed protecting inlets, catch basins, and culvert inlets	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>
Erodible stockpiles have perimeter control in place	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>
Temporary sediment basin is built as shown on approved construction plans	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>
Soil compaction is minimized where applicable	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>
Maintenance and Inspection Requirements:				
Previously stabilized areas are maintaining ground cover	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>
Perimeter controls are maintained and functioning properly	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>
Inlet protection devices are maintained and adequately protecting inlets	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>
Temporary sediment basins are being maintained and properly functioning	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>
Vehicle tracking BMPs are in place at site exits and are maintained/functioning properly	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Tracked sediment is being removed within 24 hours	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface waters, ditches, conveyances, and discharge points have been inspected	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Other Requirements:				
Pollution prevention management measures for solid waste, hazardous materials, concrete and truck washing are in place	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>
If dewatering is occurring, BMPs are being used to ensure clean water is leaving the site and discharge is not causing erosion	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>
If being utilized, infiltration/filtration systems are marked and protected from compaction and sediment	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
If required buffers are preserved around all streams, rivers, lakes, and wetlands during construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
If required, buffer monumentation has been installed	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>

Erosion & Sediment Control Compliance Summary & Corrective Action Notice

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



Erosion & Sediment Control Compliance Summary & Corrective Action Notice



Erosion & Sediment Control Compliance Summary & Corrective Action Notice



MIDDLE ST. CROIX WATERSHED MANAGEMENT ORGANIZATION

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



Staff Report- July 2024

Administration

- Prepared August meeting materials
- Participated in Lower St. Croix Partnership meetings
- Coordinated WMP Update Process
- Participated in EMWREP Funding Structure Meetings

Project Reviews

- Mister Car Wash – **INFORM**
- Centerpoint Utility Project - **ACTION**

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 pending another TAC meeting being held. The community survey closed and received sixty-six responses. Task – 2 Implementation, Prioritization, and Actions is in progress. An inventory and assessment of existing BMPs and mapping of MSCWMO's features has been completed and is being compiled into a report for an appendix of the plan. Preliminary ideas and concept for capital improvement projects have been drafted and will be presented to the Board. MSCWMO performance standards have been reviewed and preliminary suggested revisions have been presented to the Administrator. Task 3 – Plan Composition is underway with drafting of the management plan started. All require figures and tables completed, as well as the introduction and inventory and assessment of resources and the public involvement and development of issues. The regulatory framework section is in progress.

Staff: Rebecca Oldenburg-Downing, WCD

Lake St. Croix Small Communities Phosphorus Reduction Grant – PHASE II

Description: \$158,000 grant for stormwater quality improvement south of Bayport (2021-2023). Implement practices in the LSCD South SWA area to achieve a load reduction of up to 7lbs of TP/yr.

Activities This Month: Minor repairs were made to the Lakeland Beach post June flood. Final planting of the Lakeland Beach project will be completed in the coming weeks.

Staff: Brett Stolpestad - WCD; Matt Oldenburg-Downing - MSCWMO

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

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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 deployed to monitor the Perro Diversion and Perro Diversion Overflow sites. Three base grabs and three storm samples have been collected at Perro Creek Diversion Structure. Lake monitoring is underway with the eight samples having been collected on Lily and McKusick. Lake elevation gages have been set and surveyed in Lily and McKusick Lakes, and Brick Pond to be read by a citizen volunteer. The macrophyte surveys on Lily and McKusick are complete. The data is being compiled into a report currently.

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: Erosion control inspections were conducted at the 165 Lakeland Shores Rd- Baylon, 1935 Quant- Kleinart, and 2767 Itasca Ave- Whitney Garage projects. Minor repairs to perimeter controls were needed at the Baylon project, and the underground stormwater treatment features have been installed. The Kleinart project is complete, and final vegetation and function of the rain garden were confirmed. Direction and capture of stormwater in depressional areas was confirmed with a laser level at the Whitney Garage project, and soils have been sodded. This project is also complete. A status check on the 75 Lakeland Shores Rd- Garelick project was done, but no work has started.

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: Vegetative maintenance at SCC and Ozark. Golden creeper treatment in the Mulberry Ravine.

Staff: Cameron Blake, WCD

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Small Scale Habitat & Water Quality Enhancement Projects

Description: The WCD has applied for 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 Pilot (HELP) Grant, and continued support for private shoreline enhancement.

Activities This Month: CCM crew time has been awarded. Work will commence in July to restore buffer areas along the St. Croix in Lake St. Croix Beach and to stabilize eroding shoreline on Lake McKusick.

Staff: Brett Stolpestad, WCD

Meetings

- 297 Lake Drive Pre-App – July 23rd
- LSC Steering Team– July 24th
- DNR Coordination Meeting – July 25th
- EMWREP Funding Structure – July 31st