

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, September 14th, 2023

6:00PM

1. Call to Order – 6:00PM
 - a. Approval of Agenda
2. Approval of Minutes
 - a. Draft minutes – July 13th, 2023 **pg. 1-4**
3. Treasurer’s Report
 - a. Report of savings account, assets for September 14th, 2023
 - b. Approve payment of bills for September 14th, 2023
4. Public Comment
5. Old Business
 - a. Lakeland Beach Change Order Authorization **pg. 4-5**
6. New Business
 - a. Water Management Plan Proposal **pg. 6-10**
 - b. Lake St. Croix Beach Reimbursement Request **pg. 11-13**
 - c. MIDS Update Discussion – **Barbara Heitkamp**
7. Grant and Cost Share Applications
 - a. D. Bulera Native Planting Reimbursement **pg. 14**
 - b. D. Peterson Native Planting Reimbursement **pg. 15**
 - c. Gallandat Native Planting Reimbursement **pg. 16**
 - d. K. Peterson Native Planting Request **pg. 17**
 - e. Russell-Torseth Woodland Restoration Request **pg. 18**
 - f. Thiets Native Planting Request **pg. 19**
8. Plan Reviews/Submittals
 - a. Plan Review and Submittal Summary **pg. 20**
 - i. Cates Fine Homes Office–**INFORM**
 - ii. Picard Shoreline–**INFORM**
 - b. Erosion and Sediment Control Inspection Reports **pg. 21-60**
9. Staff Report **pg. 61-63**
10. 1W1P Updates
11. Other
12. 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 13th, 2023
6:00PM

Present: Brian Zeller, Lakeland Shores; Mike Runk, Oak Park Heights; Tom McCarthy, Lake St. Croix Beach; Ryan Collins, Stillwater; Avis Peters, Baytown; Beth Olfelt-Nelson, St. Mary's Point; Administrator Matt Downing; Amanda Herbrand, WCD

Call to Order

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

Approval of Agenda

Administrator Downing requested two additions under "Other": Workshop on the Water, and Watershed Management Plan Update. Manager Zeller motioned to approve the agenda with the two additions, Manager McCarthy seconded the motion. The motion carried with all in favor.

Approval of Minutes

Manager Runk motioned to approve the draft June 8th, 2023 draft minutes, Manager Collins seconded the motion. Manager Olfelt-Nelson abstained. The motion carried.

Treasurer's Report

Administrator Downing presented the treasurer's report. The remaining checking account balance on July 13th was \$96,765.38. First Bank CD's were valued at \$38,549.15. The ending value on the RBC savings account from January was \$90,534.61. Manager Zeller motioned to approve the report of the savings account and assets for July 13th, 2023.

Bills to approve this month are \$1,437.00 to Emmons & Olivier Resources and five bills to the Washington Conservation District totaling 22,835.24.

Manager Runk motioned to accept the Treasurer's Report and approve payment of bills totaling \$24,272.24. Manager McCarthy seconded the motion, the motion carried with all in favor.

Public Comment

None

Old Business

2022 Financial Audit

Manager Runk motioned to approve the 2022 Financial Audit, Manager Zeller seconded. The motion carried with all in favor.

New Business

2024 Draft Budget

Administrator Downing presented the 2024 Draft Budget. The budget shows a 2.79% increase to \$146,325.00. The 2023 budget was \$142,348.00. This is the first proposed increase in budget in a number of years.

Manager Runk requested a breakdown for each community, Administrator Downing confirmed he would provide that.

Manager Zeller motioned to approve the 2024 Draft Budget, Manager McCarthy seconded. The motion carried with all in favor.

2nd Half Contribution Letters

Administrator Downing is requesting approval to send out reminders to the member communities for their 2nd half contributions. Manager Runk motions to authorize Administrator Downing to send the reminders, Manager McCarthy seconded the motion. The motion carried with all in favor.

Manager Zeller voiced concerns regarding construction along the bluff line and the lack of review from MSCWMO and the member communities. Manager Zeller and the board discussed options to address this, including a letter of concern to member communities from Administrator Downing, attending member community council meetings, and reaching out to local realtors. Manager Zeller suggests Administrator Downing reach out to the DNR representative for the area and ask them what they think would be most effective. Manager Olfelt-Nelson raised additional concerns about overly complicated language with ordinances and suggests the DNR provide a “Good, Better, Best” practices guide like the one provided from the river association. Administrator Downing states that the first step should be figuring out a way to get communities and home owners to reach out to MSCWMO.

Lakeland Beach Bid Award

Administrator Downing presented a memo showing the bids for the Lakeland Beach project. MSCWMO staff recommends selecting U.S. SiteWork for \$73,739.20. Administrator Downing states bids for the project did come in higher than anticipated. Manager Zeller asks where the funds for the project are coming from. Administrator Downing states there are approximately \$30,000.00 remaining in a grant that will expire at the end of the year that will be used for the project. In addition, the City of Lakeland has indicated that they have \$25,000.00-30,000.00 to contribute. Administrator Downing recommends the remainder be paid for using the remaining cost share funds from MSCWMO.

Manager Zeller motioned to approve the bid and use the remaining grant funds of approximately \$30,000.00, ensure \$30,000.00 from the City of Lakeland, and use remaining cost share funds from MSCWMO to cover the approximate remainder of \$13,000.00. Manager Olfelt-Nelson seconded the motion. The motion carried with all in favor.

Grant and Cost Share Applications

Gallandat Native Planting

Lake St. Croix Beach resident Lynn Gallandat is applying for the Landscaping for Habitat Grant

to establish a 1,200 square-foot pollinator garden at 16851 Upper 18th St S, Lake St. Croix Beach, MN 55043. This project is further supplemented by the Washington Conservation District's FY22 "Lawns to Legumes Demonstration Neighborhood" grant in the amount of \$1,000. Total project estimate is \$1,330.00 and the cost share requested is \$250.00.

Manager McCarthy motioned to approve encumbrance of \$250.00 cost share for the installation of the Gallandat Pollinator Pocket Planting, Manager Collins seconded the motion. The motion carried with all in favor.

Plan Reviews/Submittals

Whitney Garage Addition – ACTION

An application for project review was received on June 21st, 2023 for a proposed garage addition and partial driveway replacement at 2767 Itasca Ave S. The proposed project creates 2914 sf of new/reconstructed impervious surfaces. Stormwater management is achieved with volume control provided by two shallow bioretention basins.

MSCWMO staff recommend approval with four conditions:

1. Low floor elevation of garage is 693', only one foot above the flood protection level. Ensure any openings into livable space are at 694'. Ensure that proper floodproofing (venting etc.) of garage structure is completed.
2. Plans are updated to include contact information for party responsible for inspection and compliance of erosion and sediment control actions.
3. Correct the discrepancy of bottom contour of BMP #1 and volume calculations.
4. BMP #2 is repositioned or resized to comply with 10 ft property line setback.

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

Cates Fine Homes Office

A partial application for construction of an office building was received on June 23rd. The applicant has been provided with information for required submittal items and informed of deadlines for review.

McGuigan Riprap

A partial application for shoreline stabilization on the St. Croix River was received on June 27th. The applicant has been provided with information for required submittal items and informed of deadlines for review.

Erosion and Sediment Control Inspection Reports

Administrator Downing presented the Erosion and Sediment Control Inspection Reports from June. All sites inspected in June had an overall site grade of "A" indicating they were all in full compliance.

Staff Report

Administrator Downing went over the staff report. Administrative items included preparation for the June meeting, coordination of Grant and Permit Program, attendance of meetings, 2022 Audit items, coordination with MSCWMO communities, and project reviews. Programs and work

conducted by WCD staff continue as normal. Administrator Downing mentions that he is still working with Jay Riggs from the WCD to ensure street sweeping funds for MSCWMO.

1W1P Updates

Manager Runk will be stepping down from his position as representative for the City of Oak Park Heights on the MSCWMO Board due to being appointed to the BWSR Board. He will remain the alternate for Oak Park Heights. Due to his stepping down, he will no longer be able to represent MSCWMO for the 1W1P policy committee.

Manager Zeller states Administrator Downing should put a message out for all board members to see if anyone is interested. Manager Zeller is currently the alternate for the policy committee and will attend the upcoming meeting in place of Manager Runk.

Other

Workshop on the Water

Administrator Downing reminds board members that the Workshop on the Water is scheduled for July 25th, final headcount for the boat company is due July 18th although tickets can be purchased up to the day of the event.

Watershed Management Plan Update

MSCWMO will be contracting with the WCD to complete the new Watershed Management Plan. Administrator Downing states to the board that he has been advised by MSCWMO legal counsel that he must disclose that one of the individuals at the WCD writing the plan will be his fiancée and that if the board has no concerns, the process can move forward.

Manager Zeller motions to approve the use of WCD staff for the Watershed Management Plan update. Manager Runk seconded the motion. The motion carried with all in favor.

Adjourn

Manager Collins motioned to adjourn the meeting, Manager McCarthy seconded the motion. The meeting adjourned at 6:42PM.



TO: Middle St. Croix Board of Managers
FROM: Brett Stolpestad, Landscape Restoration Specialist, Washington Conservation District
DATE: September 2, 2023
RE: LSC Direct Discharge South PII (CWF Grant C21-1745) –
Lakeland Beach Stabilization Change Order

The purpose of this memorandum is to request board approval to execute change orders associated with hazard tree removal and obstacle removal for the Lakeland Beach Stabilization Project.

On July 13th the MSCWMO board awarded the construction contract for the Lakeland Beach Stabilization Project to U.S. SiteWork. Since the initial design and bidding, several mature floodplain trees within the project area have fallen or shown signs of decline. MSCWMO staff recommend approval of the change order below to allow for removal of hazard trees within the construction zone and for removal of posts and other obstacles at the beach entrance for equipment access.

Project Overview:

The Lakeland Beach property located at the end of Quixote Avenue N shows signs of significant erosion near the parking area and picnic benches along the bluff toe. Expanding the rip-rap revetment installed in 2011 and stabilizing the bluff toe near the parking lot and seating area will reduce total phosphorus (TP) loading to Lake St. Croix by approximately 7.62 lbs/yr based on updated modeling using the BWSR Water Erosion Pollution Reduction Estimator. The estimate from the lowest responsive bidder of approximately \$73,739.20 yields a \$971 cost/lb return over 10 years, which ranks **within the top 15** among other practices within the LSC Direct South SWA.

Requested Board Action: Motion by Board Member 1, seconded by Board Member 2, to grant the District Administrator authority to execute project change orders up to \$X,XXX.XX for the Lakeland Beach Stabilization project.



LAKELAND BEACH STABILIZATION					
ITEM NO.	DESCRIPTION	UNIT	EST. QTY.	BID UNIT PRICE	BID PRICE
2021.501	MOBILIZATION	LS	1	\$ 2,205.00	\$ 2,205.00
2106.507	EXCAVATION - COMMON	CY	85	\$ 16.00	\$ 1,360.00
2106.507	COMMON EMBANKMENT	CY	85	\$ 16.00	\$ 1,360.00
2101.501	CLEARING & GRUBBING	LS	1	\$ 1,220.00	\$ 1,220.00
1201.501	CLEARING	EACH	4		
2104.502	SALVAGE SIGN	EACH	1		
2104.502	REMOVE POST	EACH	2		
2105.504	GEOTEXTILE FABRIC TYPE 4	SY	300	\$ 4.90	\$ 1,470.00
2100.601	CONSTRUCT STAIRWAY	LS	1	\$ 12,210.00	\$ 12,210.00
2575.504	ROLLED EROSION PREVENTION CATEGORY 20	SY	320	\$ 4.50	\$ 1,440.00
2573.503	SILT FENCE, TYPE HI	LF	320	\$ 4.90	\$ 1,568.00
2577.507	ROOT RAP	CY	210	\$ 162.00	\$ 34,020.00
2575.607	LIMESTONE RANDOM OUTCROPPING	TON	17	\$ 721.00	\$ 12,257.00
2575.607	1-2" CRUSHED LIMESTONE VOID FILL	TON	1.25	\$ 611.00	\$ 763.75
2211.509	AGGREGATE BASE CLASS 5	CY	15	\$ 52.00	\$ 780.00
2571.502	DECIDUOUS SHRUB NO 1 CONT	EACH	12	\$ 58.00	\$ 696.00
2571.527	PERENNIAL PLUGS	PLT	180	\$ 10.00	\$ 1,800.00
2575.505	SEEDING	ACRE	0.07	\$ 2,185.00	\$ 152.95
2575.508	SEED MIXTURE 34-161 (OR APPROVED EQ)	LB	1.5	\$ 291.00	\$ 436.50
Total of All Unit Price Bid Items					\$ 72,519.20
				Original Bid	\$ 73,739.20
				Net Increase	\$ (1,220.00)

MSCWMO Member Communities

Afton • Bayport • Baytown • Lakeland • Lakeland Shores • Lake St. Croix Beach • Oak Park Heights
St. Mary's Point • Stillwater • West Lakeland



MEMORANDUM

TO: MSCWMO Board
FROM: Jay Riggs, District Manager
DATE: September 7, 2023
RE: **MSCWMO Watershed Management Plan Update Proposal**

The Washington Conservation District (WCD) is pleased to propose a collaborative approach to update the Middle St Croix Watershed Management Organization Watershed Management Plan. This proposal dedicates multiple WCD staff members to the effort beginning in 2023 and concluding in 2025 with the adoption of the updated plan.

Project Summary and Timeline

The MSCWMO Watershed Management Plan will include the following Tasks:

- Task 1: Stakeholder Engagement**
- Task 2: Implementation Prioritization and Actions**
- Task 3: Plan Composition**
- Task 4: Plan Revisions and Approval**

The plan update process will commence in the Fall of 2023 and conclude with approval and adoption of the updated plan by the State deadline of December 2025. All of these efforts are designed to simultaneously meet Board of Water and Soil Resources (BWSR) requirements (8410.0045-.0140) while creating a meaningful and cost-effective updated plan. See attached proposed timeline.

Task 1: Stakeholder Engagement

Stakeholder engagement is required by BWSR and is imperative to creating a plan that meets the needs of residents and resources.

- Hosting WMO Board workshop to kickoff Plan update process and identify overarching watershed issues and future implementation strategies, opportunities, and challenges
- Host Public Kick-Off Meeting similar to Lily Lake public meeting*
- Developing a stakeholder engagement plan for BWSR review and approval*
- Establishing a Technical Advisory Committee (TAC) for input throughout Plan development*
- Notifying plan review authorities of the plan update and summarizing responses*
- Gathering input from member city staff and elected officials
- Conducting an on-line survey to gather input from residents and various stakeholder groups
- Hosting a public kickoff/initial planning meeting*
- Summarizing stakeholder input and hosting an issue prioritization workshop for the WMO Board.

**required per Minnesota Rules 8410*

Deliverables:

- Draft stakeholder engagement plan
- Final stakeholder engagement plan
- Notification of plan update electronic communication
- Summary of responses to the notification letter
- Formation and meeting of the TAC (up to three meetings)
- Summary memorandum of TAC recommendations
- MSCWMO Board workshop
- Summary of priority issues
- Public input survey
- Summary of survey responses
- Kick-Off public meeting
- Kick-off meeting notes
- Compiled summary of public and stakeholder engagement activities and recommendations
- Summary of issue and resource prioritization

Task 2: Implementation Prioritization and Actions

Task 2 includes a variety of activities to evaluate the status of the current plan and identify priorities for future actions. The CAC and TAC input will be essential to this evaluation. Specific activities and deliverables include:

- Inventory and assess existing Best Management Practices (BMPs)
- Prepare BMP maintenance and replacement needs report
- Develop Capital improvement Program (CIP) plan
- Review and Update Operation and maintenance program plan
- Review and Update Information and education plan
- Data collection program plan
- Evaluate local ordinances and MSCWMO standards implementation
- Review and Update Standards review and implementation program
- Review and Update Incentive programs

Task 3: Plan Composition

Task 3 will focus on incorporating output from Tasks 1 and 2 into a draft document. Text, tables, and figures will all be reviewed and updated as needed. The Board has two options for the format of the new plan:

1. Use current plan format and create an updated document that will be posted to the website OR
2. Shift the format to a more online friendly, interactive web-based plan.

Specific activities and deliverables include:

- Draft report text
- Update natural resource inventory and maps
- Update summary tables
- Add new maps and tables as needed
- Define issues and measurable goals
- Prepare revised policies and performance standards
- Summarize proposed CIP
- Update and summarize incentive and other implementation programs
- Compiling a Draft Updated Plan

Task 4: Plan Revisions and Approval

Staff will prepare a distribution letter and distribute the 60-day review draft Plan electronically to all Plan review authorities as required per MN Statutes 103B. The draft will also be placed on the WMO website for public review and comment. Staff will compile and organize comments received during the review period. Staff will then prepare draft responses to the comments and present the draft tabulated responses to the WMO Board for approval. Preparing responses to comments may include follow-up discussions with individual plan review authorities, as needed.

Following the response to comments, the WMO Board will host a public hearing per MN Statutes 103B - no sooner than 14 days after the 60-day review period ends and at least 10 days after submittal of the response to comments. This meeting can be held as part of the regular monthly WMO Board Meeting. The results of this meeting must be noticed per statute requirements with a summary of the response to comments.

The WMO Board will be requested to approve submittal of the plan to BWSR for the final 90-day review period after the public hearing. After receiving BWSR approval, the WMO can officially approve a resolution to adopt the new plan.

The new final approved plan will be posted to the WMO website in the format desired by the WMO Board.

Cost Estimate

Task 1: Stakeholder Engagement - Budget	\$20,430.00
Task 2: Implementation Prioritization and Actions - Budget	\$33,385.00
Task 3: Plan Composition - Budget	\$18,210.00
Task 4: Plan Revisions and Approval - Budget	\$9,280.00
Total Budget:	\$81,305.00*

** Includes 100 Hours of Plan Update support from MSCWMO Administrator*

Attachments: Proposed MSCWMO Plan Development Timeline

MSCWMO Plan Development Timeline		Stakeholder Engagement Meetings or Events				2023		2024										2025												
		WMO Board	WMP TAC	Stakeholders	Public	23-Nov	23-Dec	24-Jan	24-Feb	24-Mar	24-Apr	24-May	24-Jun	24-Jul	24-Aug	24-Sep	24-Oct	24-Nov	24-Dec	25-Jan	25-Feb	25-Mar	25-Apr	25-May	25-Jun	25-Jul	25-Aug	25-Sep	23-Oct	
Task 1 - Stakeholder Engagement	Host WMO Board workshop to kickoff Plan update process	X																												
	Host Public Kick-Off Meeting				X																									
	Developing a stakeholder engagement plan		X	X																										
	Board workshop on over arching issues	X																												
	Establishing & meeting with Plan TAC (includes prep/notes)		X																											
	Gathering input from member city staff and elected officials			X																										
	Conducting an on-line survey to gather input				X																									
	Summarizing stakeholder and public input																													
	Host an issue prioritization workshop for the WMO Board	X																												
Subtotal		\$20,430																												
Task 2 – Implementation Prioritization and Actions	Inventory and asses existing BMPs																													
	Develop 10-year CIP plan																													
	Review/Update Operations and Maintenance Program																													
	Review/Update Education & Outreach and Data Collection Plan																													
	Review/Update MSCWMO Performance Standards																													
	Review/Update Incentive Program																													
Subtotal		\$33,385																												
Task 3 – Plan Composition	Draft plan text																													
	Update natural resource inventory and maps																													
	Update summary tables																													
	Define issues and measurable goals																													
	Prepare revised policies and performance standards																													
Subtotal		\$18,210																												
Task 4 – Plan Revisions and Approval	60-day Agency review																													
	Distributing responses and hosting public hearing																													
	Revising the Plan for 90-day review																													
	90-day review																													
	Obtaining BWSR Approval (subcommittee meeting)																													
	MSCWMO Adoption and Plan Production/Distribution																													
Subtotal		\$9,280																												



City of Lake St. Croix Beach
City Hall
16455 20th Street South
Lake St Croix Beach, MN 55043

September 8, 2023

TO: Middle St. Croix Water Management Organization (MSCWMO)

RE: LSCB Bluff Pay Request

Paid by City (2022 Bluff): $\$82,614 \times 0.75 = \$61,960.50$

Paid by WMO (2022 Riviera Treatment Train): $\$30,744 \times 0.25 = \$7,686$

$\$61,960.50 - \$7,686 = \$54,274.50$

Total Due \$54,274.50

Dave Engstrom

Dave Engstrom

City Clerk/Administrator



Application for Payment
 (Unit Price Contract)
 No. 1 - (Final)

Eng. Project No.: LAKES 155011

Location: Lake St. Croix Beach, Minnesota

Contractor <u>Max Todo Marine Services Inc</u>	Contract Date <u>September 19, 2022</u>
<u>1250 S Main Street</u>	
<u>Stillwater, MN 55082</u>	Contract Amount <u>\$ 83,592.25</u>

Contract for 2022 Bluff Toe Stabilization Project

Application Date <u>8/17/23</u>	For Period Ending <u>8/17/23</u>
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Item No.	Item	Unit	Est. Quantity	Quantity to Date	Unit Price	Total Price
31 23 10.1	Embankment (Riprap Void Fill)	SY	91	0	\$10.75	
31 11 00.1	Clear and Grub Trees	LS	1	1	\$9,200.00	\$9,200.00
31 37 00.1	Riprap	LF	94	94	\$781.00	\$73,414.00
Total Contract Amount						\$82,614.00

Application for Payment (continued)

Total Contract Amount	\$ 83,592.25	Total Amount Earned	\$ 82,614.00
Contract Change Order No. _____		Material Suitably Stored on Site, Not Incorporated into Work	_____
Contract Change Order No. _____		Percent Complete	_____
Contract Change Order No. _____		Percent Complete	_____
Less Previous Applications:		Percent Complete	_____
AFP No. 1: _____	AFP No. 6: _____	GROSS AMOUNT DUE	\$ 82,614.00
AFP No. 2: _____	AFP No. 7: _____	LESS 0 % RETAINAGE	\$ _____
AFP No. 3: _____	AFP No. 8: _____	AMOUNT DUE TO DATE	\$ 82,614.00
AFP No. 4: _____	AFP No. 9: _____	LESS PREVIOUS APPLICATIONS	\$ _____
AFP No. 5: _____		AMOUNT DUE THIS APPLICATION	\$ 82,614.00

CONTRACTOR'S AFFIDAVIT

The undersigned Contractor hereby swears under penalty of perjury that (1) all previous progress payments received from the Owner on account of work performed under the Contract referred to above have been applied by the undersigned to discharge in full all obligations of the undersigned incurred in connection with work covered by prior Applications for Payment under said contract, 2022 Bluff Toe Stabilization Project, Lake St. Croix Beach, Minnesota, and (2) all material and equipment incorporated in said Project or otherwise listed in or covered by this Application for Payment and free and clear of all liens, claims, security interests and encumbrances.

Date 30th 8/30, 2023 Max Todo Marine Services Inc
(Contractor)

COUNTY OF Washington)
STATE OF MN) SS BY Thomas Huninglake president
(Name and Title)

Before me on this 30th day of August, 2023, personally appeared

Thomas Huninglake known to be, who being duly sworn did depose and say that he is the president (office) of the Contractor above mentioned that he executed the above Application for Payment and Affidavit on behalf of said Contractor; and that all of the statements contained therein

My Commission expires _____

[Signature]
(Notary Public)

The undersigned has reviewed the Contractor's Application for Payment shown above. A part of this Application is the Contractor's Affidavit stating that all previous payments to him under this contract have been applied by him to discharge in full all of his obligations in connecting with the work by all prior Applications for Payment.

In accordance with the Contract, the undersigned recommends approval of payment to the Contractor for the Amount due.

[Signature] By John D. Parotti, PE
Short Elliott Hendrickson Inc.

Date September 6, 2023
City of Lake St. Croix Beach

By _____
Date _____



TO: Middle St. Croix Board of Managers
FROM: Brett Stolpestad, Landscape Restoration Specialist, Washington Conservation District
DATE: August 2, 2023
RE: Request for Reimbursement - Dawn Bulera Pollinator Pocket Planting

On June 8th the MSCWMO board approved cost share encumbrance of up to \$250 for the Bulera Pollinator Pocket Planting project located at 16777 16th St S, Lakeland, MN 55043. This project also received support from the Washington Conservation District “Lawns to Legumes Demonstration Neighborhood” grant in the amount of \$750. The landowner has submitted receipts for work (installation of native perennials) conducted in July of 2023, totaling \$1,073.22 in material costs.

Project Estimate: \$2,000.00
Actual Expenditure: \$1,073.22
Cost Share Encumbered: \$250.00

Requested Board Action: Motion by Board Member 1, seconded by Board Member 2, to approve reimbursement of \$250.00 cost share for the installation of the Bulera Pollinator Pocket Planting.

Location & Photos:





TO: Middle St. Croix Board of Managers
FROM: Brett Stolpestad, Landscape Restoration Specialist, Washington Conservation District
DATE: August 1, 2023
RE: Request for Reimbursement –Peterson Pollinator Pocket Planting

On June 8th the MSCWMO board approved cost share encumbrance of up to \$250 for the Peterson Pollinator Pocket Planting project located at 1405 Quinlan Ave S, Lakeland, MN 55043. This project also received support from the Washington Conservation District “Lawns to Legumes Demonstration Neighborhood” grant in the amount of \$1,500. The landowner has submitted receipts for work (installation of native perennials) conducted in July of 2023, totaling \$2,252.05 in material & contracted labor costs.

Project Estimate: \$3,708.00
Actual Expenditure: \$2,252.05
Cost Share Encumbered: \$250.00

Requested Board Action: Motion by Board Member 1, seconded by Board Member 2, to approve reimbursement of \$250.00 cost share for the installation of the Peterson Pollinator Pocket Planting.

Location & Photos:





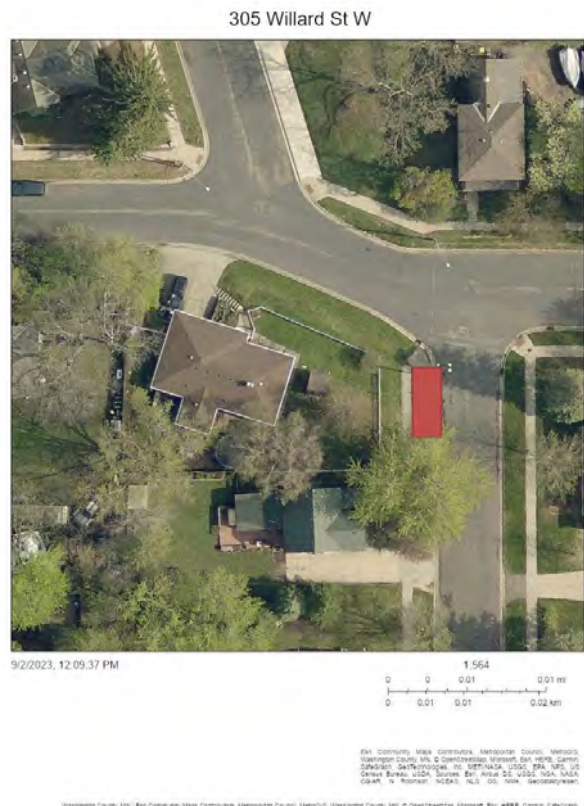
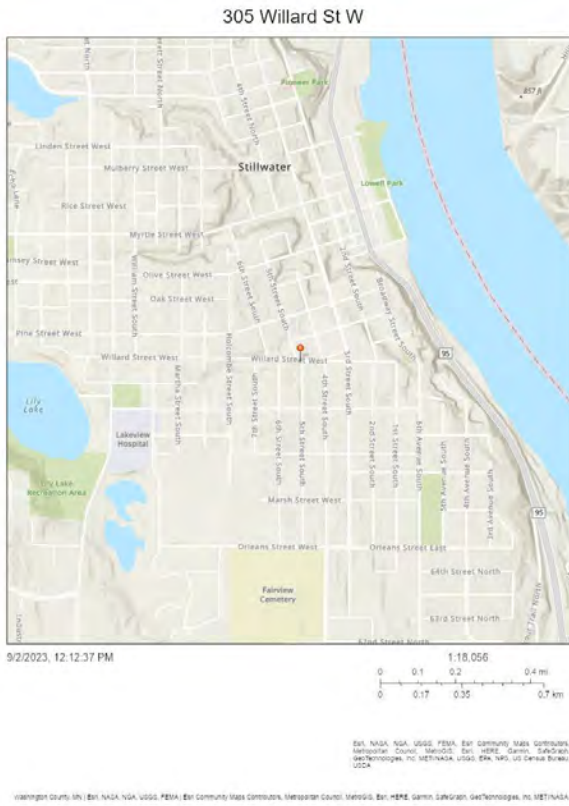
TO: Middle St. Croix Board of Managers
FROM: Brett Stolpestad, Landscape Restoration Specialist, Washington Conservation District
DATE: September 2, 2023
RE: Peterson Rain Garden Planting

Stillwater resident Kevin Peterson is applying for the Landscaping for Habitat Grant to plant a 250 square-foot rain garden installed by the city (voluntary practice) at 305 Willard St W, Stillwater, MN 55082.

Project Estimate: \$2,000.00
Amount of Phosphorus removed: n/a
Cost Share requested: \$250.00

Requested Board Action: Motion by Board Member 1, seconded by Board Member 2, to approve encumbrance of \$250.00 cost share for the installation of the Peterson Raingarden Planting.

Location & Photos:





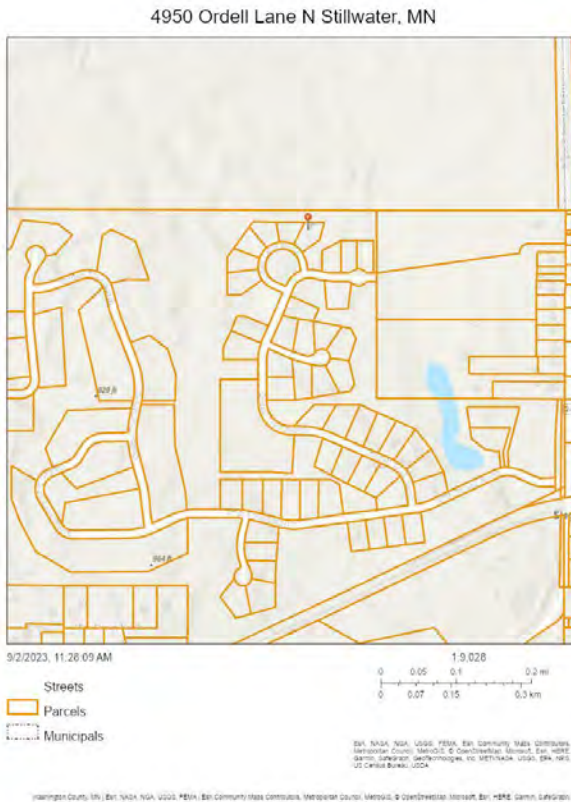
TO: Middle St. Croix Board of Managers
FROM: Brett Stolpestad, Landscape Restoration Specialist, Washington Conservation District
DATE: September 2, 2023
RE: Thiets Pollinator Pocket Planting

The Hills of Spring Creek (Baytown Township) resident Julie Thiets is applying for the Landscaping for Habitat Grant to establish a 5,000 square-foot pollinator garden at 4950 Ordell Lane N Stillwater, MN.

Project Estimate: \$995.00
Amount of Phosphorus removed: n/a
Cost Share requested: \$250.00

Requested Board Action: Motion by Board Member 1, seconded by Board Member 2, to approve encumbrance of \$250.00 cost share for the installation of the Thiets Pollinator Pocket Planting.

Location & Photos:





TO: Matt Downing, Administrator
FROM: Rebecca Nestingen, PE
DATE: September 8, 2023
RE: 8a) 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):

- **Cates Fine Homes Office.** A partial application for construction of an office building was received on June 23rd. The applicant has been provided with information for required submittal items and informed of deadlines for review. MSCWMO staff are awaiting submittal of the project review fee to begin the review.
- **Picard Shoreline Restoration.** An application for a shoreline stabilization at 2249 Rover Rd in St. Mary's Point was received on July 27th. MSCWMO staff requested the applicant provide additional materials including detailed riprap cross sections and notes for erosion prevention and sediment control on the plans.



Erosion & Sediment Control Compliance Summary & Corrective Action Notice

Inspector Name: Aaron DeRusha **Inspection Date:** 07/11/2023

Project Name: 1699 Rivercrest- Beske **Project Address:** 1699 Rivercrest Rd 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:

Clarification on approved plans is needed from the City, as it appears the plans reviewed by the WMO were changed after review, and show grading and drainage not yet completed. Concerns with a partially dead ash tree on the SW corner of the building were discussed. The WMO does not have authority for vegetation removal, and will need to be approved by the City. If allowed to be removed, it is recommended the root structure be left in place to preserve stability of the slope.

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 checked="" type="checkbox"/>	<input 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input 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"/>	<input type="checkbox"/>
Other Requirements:				
Pollution prevention management measures for solid waste, hazardous materials, concrete and truck washing are in place	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input 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:

Erosion & Sediment Control Compliance Summary & Corrective Action Notice



Area in need of clarification for grading.



Ash tree on SW corner of building appears diseased and dying. If allowed to be removed, recommend leaving root structure in place to preserve slope stability.

Erosion & Sediment Control Compliance Summary & Corrective Action Notice



Erosion & Sediment Control Compliance Summary & Corrective Action Notice



MIDDLE ST. CROIX WATERSHED MANAGEMENT

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:** 08/17/2023

Project Name: 1699 Rivercrest- Beske **Project Address:** 1699 Rivercrest Rd 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:

Small section of first row of silt fence undermined behind house, no discharge. Remove accumulated sediment from secondary fence and repair undercut of first fence. All other erosion control measures in great shape. Will need to monitor slopes for washouts when roofs are constructed, before gutters installed. Need to confirm need for underdrain in rain garden.

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:				
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Sediment Control Requirements:				
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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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input 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"/>	<input type="checkbox"/>
Other Requirements:				
Pollution prevention management measures for solid waste, hazardous materials, concrete and truck washing are in place	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input 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"/>
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If required, buffer monumentation has been installed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

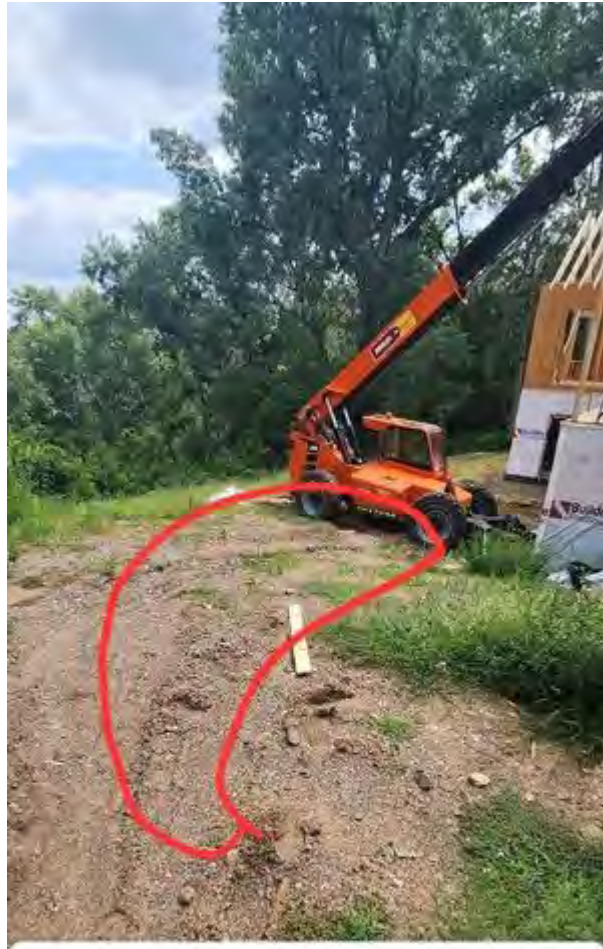
Erosion & Sediment Control Compliance Summary & Corrective Action Notice

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

Erosion & Sediment Control Compliance Summary & Corrective Action Notice



Recommend berm at east edge of house and depressional area in circle to prevent water flowing toward bluff once roofs are constructed.



Monitor NE slope for washout when roofs are constructed.



Erosion & Sediment Control Compliance Summary & Corrective Action Notice



Established vegetation in great shape



Erosion & Sediment Control Compliance Summary & Corrective Action Notice



Erosion & Sediment Control Compliance Summary & Corrective Action Notice



MIDDLE ST. CROIX WATERSHED MANAGEMENT

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Erosion & Sediment Control Compliance Summary & Corrective Action Notice

Inspector Name: Aaron DeRusha **Inspection Date:** 07/11/2023

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. Inactive stockpiles must be stabilized within 7 days if not actively utilized
2. Repair and/or replace damaged perimeter control

General Comments or Potential Areas of Future Concern:

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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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 checked="" type="checkbox"/>	<input type="checkbox"/>		<input 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 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 checked="" 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



Apply temporary stabilization such as seeding, straw mulch, erosion control blanket, or other measures to the four topsoil stockpiles on site.



Erosion & Sediment Control Compliance Summary & Corrective Action Notice



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Erosion & Sediment Control Compliance Summary & Corrective Action Notice

Inspector Name: Aaron DeRusha **Inspection Date:** 08/17/2023

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. Fuels and hazardous materials must be stored under cover out of contact with rainwater, and contained such that if spilled material will not leach into soil.

General Comments or Potential Areas of Future Concern:

All items noted in previous inspection have been corrected.

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 type="checkbox"/>	<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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>
Erodible stockpiles have perimeter control in place	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inlet protection devices are maintained and adequately protecting inlets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Vehicle tracking BMPs are in place at site exits and are maintained/functioning properly	<input checked="" type="checkbox"/>	<input 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"/>	<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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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"/>
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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:

Erosion & Sediment Control Compliance Summary & Corrective Action Notice



Fuels must be stored under cover and in contained area, such that if tipped over fuel cannot leach into soil or stormwater.



All four topsoil stockpiles have been stabilized with temporary vegetation.

Erosion & Sediment Control Compliance Summary & Corrective Action Notice



Erosion & Sediment Control Compliance Summary & Corrective Action Notice





Erosion & Sediment Control Compliance Summary & Corrective Action Notice

Inspector Name: Aaron DeRusha **Inspection Date:** 08/23/2023

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 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.
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<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
2. Remove sediment accumulation along perimeter controls

General Comments or Potential Areas of Future Concern:

Spoke with excavator while on site. Some sections of silt fence knocked down, plans were in place to repair silt fence by end of the day. Recommended stapling lath strips over the fence fabric to the posts for reinforcement. East side of house will be critical to protect given the slopes and eventual roof runoff concentrating water above the bluff. Recommend using two rows of silt fence or adding row of biologs here, and using gutter and tile tube to redirect water when roof is constructed. Proposed rain garden location will need to be decompacted when basin is constructed

Were any discharges observed during this inspection? No Yes

Erosion & Sediment Control Compliance Summary & Corrective Action Notice

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Other Requirements:				
Pollution prevention management measures for solid waste, hazardous materials, concrete and truck washing are in place	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input 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 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 checked="" 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



Repair silt fence. This area will be critical to protect given the slopes concentrating water to this point above the bluff. Recommend double row of silt fence or adding sediment logs here, especially once the roof is constructed and runoff is increased.



Silt fence strained behind stockpile. Recommend pulling sediment away from fence and standing fence back up straight.

Erosion & Sediment Control Compliance Summary & Corrective Action Notice



Erosion & Sediment Control Compliance Summary & Corrective Action Notice





**MIDDLE ST. CROIX WATERSHED WMO
CONSTRUCTION SITE INSPECTION PROGRAM**

**EROSION & SEDIMENT CONTROL
INSPECTION REPORT**

Middle St. Croix Watershed WMO c/o
Washington Conservation District
455 Hayward Ave N
Oakdale, MN 55128
Phone: (651) 330-8220 x22
www.mscwmo.org

Middle St. Croix WMO
455 Hayward Ave N
Oakdale MN 55128

July 9, 2021
MSCWMO Review #: LSCB Bluff
Electronic-Mailed (x)

Project: Lake St Croix Beach Bluff Stabilization

Dear **Middle St. Croix WMO** :

The Middle St. Croix Watershed (MSCWMO) conducted an inspection for stormwater, erosion, and sedimentation control issues at the site noted above on **2021-07-09**. The following report summarizes the field inspection findings and describes areas of compliance/noncompliance with the MSCWMO Watershed Management Plan and approved construction plans.

Inspection information

Is this inspection routine or in response to a storm event: ✓ Routine Rainfall

Rainfall amount inches (if applicable):

Is site within one aerial mile of special or impaired water that can potentially receive discharge from the site? ✓ Yes No

Note: If **NA** is selected at any time, specify why in the comment area for that section.

Erosion prevention requirements

	Yes	No	NA
1. Are soils stabilized where no construction activity has occurred for 14 days (including stockpiles)? (7 days where applicable, or 24 hours during Minnesota Department of Natural Resources [DNR] Fish Spawning restrictions)	✓		
2. Has the need to disturb steep slopes been minimized?	✓		
3. If steep slopes are disturbed, are stabilization practices designed for steep slopes used?	✓		
4. Are ditches/swales stabilized 200' back from point of discharge or property edge within 24 hours? (Mulch, hydromulch, tackifier, or similar best management practices [BMPs] are not acceptable in ditches/swales if the slope is greater than 2%)			✓
5. Do pipe outlets have energy dissipation (within 24 hours of connection)?			✓
6. Is construction phasing being followed in accordance with the approved construction plans?			✓
7. Are areas not to be disturbed marked off (flags, signs, etc.)?			✓

Comments:

Sediment control requirements

	Yes	No	NA
1. Are perimeter sediment controls installed properly on all down gradient perimeters?			✓
2. Are appropriate BMPs installed protecting inlets, catch basins, and culvert inlets?			✓
3. Do all erodible stockpiles have perimeter control in place?			✓
4. Is there a temporary sediment basin on site, and is it built as shown in the approved stormwater management plan?			✓
5. Is soil compaction being minimized where not designed for compaction?			✓

Comments:

Silt fence is removed, stabilization appears complete.

Maintenance and Inspections

	Yes	No	NA
1. Are all previously stabilized areas maintaining ground cover?	✓		
2. Are perimeter controls maintained and functioning properly, sediment removed when one-half full?			✓
3. Are inlet protection devices maintained and adequately protecting inlets?			✓
4. Are the temporary sediment basins being maintained and functioning properly?			✓
5. Are vehicle tracking BMPs at site exits in place and maintained and functioning properly?			✓
6. Is all tracked sediment being removed within 24 hours?			✓
7. Have all surface waters, ditches, conveyances, and discharge points been inspected?	✓		
8. Were any discharges seen during this inspection (i.e., sediment, turbid water, or otherwise)?		✓	

If yes, record the location of all points of discharge. Photograph and describe the discharge (size, color, odor, foam, oil sheen, time, etc.). Describe how the discharge will be addressed:

Comments:

Other

	Yes	No	NA
1. Are pollution prevention management measures for solid waste, hazardous material, concrete, and truck washing in place?			✓
2. Is any dewatering occurring on site?			✓
If yes, what BMPs are being used to ensure that clean water is leaving the site and the discharge is not causing erosion or scour?			
3. Will a permanent stormwater management system be created for this project if required and in accordance with MSCWMO Performance Standards Section 7.2			✓
If yes, describe:			
4. If infiltration/filtration systems are being constructed, are they marked and protected from compaction and sedimentation?			✓
5. Is MSCWMO required buffer preserved around all streams, lakes, and wetlands during construction?			✓
Has buffer monumentation been installed?			✓

6. Description of areas of non-compliance noted during the inspection, required corrective actions, and recommended date of completion of corrective actions:

None

7. Potential areas of future concern:

Comments:

Maintenance and Compliance Summary

Overall Site Grade:

A - Excellent

A status described above as noncompliant must be addressed in accordance with the MSCWMO Standards. Follow-up inspections will be conducted on a regular basis.

Please contact me at the number below, or Matt Downing (mdowning@mnwcd.org) at (651) 330-8220 (ext. 22) if you have any questions.

Respectfully,

Aaron DeRusha (Cell: 612-816-7995)
MSCWMO Inspector
Cc: Matt Downing, MSCWMO

GRADE DESCRIPTIONS

A The site is in full compliance, all practices are in place, and the site is well maintained.

B The site is in compliance, but normal maintenance activities are required.

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

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. Contact the District for a followup inspection as soon as correction measures have been taken.

E 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.



Erosion & Sediment Control Compliance Summary & Corrective Action Notice

Inspector Name: Aaron DeRusha Inspection Date: 08/17/2023

Project Name: LSCB Bluff Stabilization Project Address:

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:

All rip rap installed per plan and minorly disturbed areas at top of rip rap seeded and blanketed. Seed applied approx 1 week ago, no germination yet but confirmed seed was applied. Recommend close of project.

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:

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/August 2023

Administration

- Prepared September meeting materials
- Coordination of Grant and Permit Program
- Participated in Lower St. Croix Partnership meetings
- Coordination with Partners for Review and Planning

Project Reviews

- Cates Fine Homes Office –INFORM
- Picard Shoreline Restoration –INFORM
- 2269 River Road –INFORM

Lily Lake Phosphorus Reductions for Delisting – CWF Grant C20-6055

Description: Awarded \$513,500 for in-lake alum treatment and filtration basin to remove 120lbs of phosphorus from Lily Lake.

Activities This Month: Final grant closeout completed, payment received. Project will be presented at the Minnesota Water Resource Conference this fall.

Staff: Matt Downing-MSCWMO

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: Max Todo Marine Services has completed construction of additional bluff toe stabilization (100 lf) north of the 2021 project area. U.S. SiteWork was awarded the construction contract for the Lakeland Beach restoration/stabilization project, which utilizes the remaining funds under LSC Direct Phase II. Work is expected to begin mid-September pending permit approval from USACE and MPCA, and execution of change orders for hazard tree removal.

Staff: Brett Stolpestad - WCD; Matt 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 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

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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: One storm sample and two base flow samples have been collected at Greeley Street. Four storm samples and three base flow samples have been collected at Perro Creek Diversion Structure. Lake monitoring is underway with ten samples being collected on Lily and McKusick.

Staff: Rebecca Oldenburg, 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: Seven inspections were conducted at the 165 Lakeland Shores-Baylon, Lake St. Croix Beach Bluff Stabilization, 1699 Rivercrest- Beske, and 1935 Quant- Kleinart projects. Compliance was good at all sites. Topsoil stockpile stabilization and silt fence maintenance were addressed at the Baylon project. The LSCB Bluff Stabilization project was found to be complete to the project design, and ready to be closed. Questions regarding grading and tree removal from the project owners were referred back to the City of Lakeland at the Beske project. Erosion controls were in good shape with minor maintenance issues, and reminders for roof runoff management were provided. Reminders to repair silt fence that was damaged due to grading, and recommendations for redundant perimeter controls due to proximity to the bluff, were provided at the Kleinart project.

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 for the Stillwater Country Club. Inlet cleanout for the Ozark raingarden and Lily Lake basin. ESC removal at Lily basin and yard waste removal at the Stillwater Country Club.

Staff: Cameron Blake, WCD

Small Scale Habitat & Water Quality Enhancement Projects

Description: The WCD received Conservation Corps crew time on behalf of the WMO under FY23 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

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under the WCD FY23 Habitat Enhancement Landscape Pilot (HELP) Grant, and continued support for private shoreline enhancement.

Activities This Month: The summer Conservation Corps crew term ended in late August. CCM crews were able to continue site preparation activities at Lake St. Croix Beach in support of a 215-foot buffer enhancement between Riviera Avenue S and the St. Croix River. Work will continue into 2024 with funding from the WCD FY23 Habitat Enhancement Landscape Pilot (HELP) Grant. CCM crews were also able to support small-scale buffer enhancement projects along Lake McKusick in Stillwater and Perro Creek in Bayport.

Staff: Brett Stolpestad – WCD

Meetings

- 2269 River Road Pre-App – July 13th
- 661 Quixote Coordination with Lakeland – July 25th
- McGuigan Shoreline – July 25th
- St. Croix River Workshop on the Water – July 25th
- Lily Basin Walkthrough – August 2nd
- 921 Quentin Shoreline – August 8th
- MSCWMO Maintenance Updates – August 11th
- 10 Point Road Pre-App – August 15th
- Lakeland Shoreline Restorations – August 16th
- 1990 Riveria Pre-App – August 22nd
- Lakeland Beach Pre-Con – August 22nd
- LSC Steering Team – August 23rd
- SCC/Lily Basin Planning – August 29th
- Lakeland Beach MPCA Coordination – September 5th