

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, May 14, 2026

6:00PM

1. Call to Order – 6:00PM
 - a. Approval of Agenda
2. Approval of Minutes
 - a. Draft minutes – April 9, 2026 **pg 1-3**
3. Treasurer’s Report
 - a. Report of savings account, assets for May 14, 2026
 - b. Approve payment of bills for May 14, 2026
4. Public Comment (< 5 minute per person)
5. Old Business
6. New Business
 - a. Bluffland Mailing **pg 4**
7. Grant and Cost Share Applications
 - a. Stewardship Grant Request – Ammerman **pg 5**
 - b. Stewardship Grant Request – Ballweg **pg 6**
 - c. Stewardship Grant Request – Stichter W Lakeland Town Hall **pg 7**
 - d. Stewardship Grant Request – Zelenak **pg 8**
 - e. Water Quality Improvement Grant Request – LSCVFD **pg 9-11**
 - f. Request for Reimbursement – Stonebridge Elementary School Forest Project **pg 12**
8. Plan Reviews/Submittals
 - a. Plan Review and Submittal Summary **pg 13**
 - i. 218 3rd St – INFORM **pg 14-23**
 - i. 7xx Quixote – ACTION **pg 24-33**
 - ii. Bayport Safe Routes – ACTION WITH CONDITIONS **pg 34-44**
9. Erosion and Sediment Control Inspection Reports **pg 45-79**
10. Staff Report **pg 80-82**
11. 1W1P Updates – None this month
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, April 9th, 2026
6:00PM

Present: Brian Zeller, Lakeland Shores; Dave Millard, Lakeland; Ryan Collins, Stillwater; Tom Grahek, St. Mary's Point; Avis Peters, Baytown; Orin Kipp, Bayport; Acting Administrator Jay Riggs; Amanda Herbrand, WCD

Audience: Sean Graham, Tom McCarthy (remote), Annie Perkins (remote), "Michael" (remote)

Call to Order

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

Approval of Agenda

Manager Peters motioned to approve the agenda. Manager Collins seconded the motion. The motion carried on a roll call vote with all in favor.

Approval of Minutes

Manager Collins motioned to approve the draft March 12th, 2026 board meeting minutes, Manager Peters seconded the motion. The motion carried on a roll call vote with all in favor.

Treasurer's Report

Manager Zeller presented the treasurer's report. The remaining checking account balance on April 9th was \$113,348.62. First Bank CD's were valued at \$213,549.15. The ending value on the RBC savings account from February was \$101,677.62. Manager Collins motioned to approve the report of the savings account and assets for April 9th, 2026. Manager Grahek seconded the motion. The motion carried on a roll call vote with all in favor.

Bills to approve this month are five bills to the Washington Conservation District for admin, technical services, task order, water monitoring, and EMWREP for \$18,922.82, and one bill to League of MN Cities Insurance for \$2,468.00. The total for April bills is \$21,390.82. Manager Collins motioned to approve payment of bills for April totaling \$18,922.82. Manager Peters seconded the motion. The motion carried on a roll call vote with all in favor.

Public Comment

None

Old Business

2025 Water Quality Monitoring Report

The 2025 Water Quality Monitoring Report was included in the previous board packet and a presentation was given by Erik Anderson of the Washington Conservation District about the contents of the report.

Manager Zeller motioned to approve the 2025 Water Quality Monitoring Report. Manager Peters seconded the motion. The motion carried with all in favor.

New Business

None

Grant and Cost Share Applications

None

Plan Reviews/Submittals

CenterPoint Natural Gas – ACTION

Submittal items were received on February 12th, 2026 the proposed CenterPoint natural gas utility project at St. Mary's Dr & Redwing Ave S in St. Mary's Point. The proposed project does not trigger stormwater management requirements and only requires review for erosion and sediment control. MSCWMO staff recommends board approval.

Manager Zeller motioned to approve the CenterPoint Natural Gas project. Manager Collins seconded the motion. The motion carried with all in favor.

Grand Central House – INFORM

Submittal items were received on March 18th for the new home construction at 218 3rd St in Stillwater but were deemed incomplete. The project triggers MSCWMO review because of a variance request to impervious surface coverage. MSCWMO staff have requested that applicant revise and resubmit but have not received additional or updated submittal materials.

Daycare Development – ACTION

Submittal items were received on March 19th, 2026 for a proposed daycare development at 1365 Curve Crest Blvd in Stillwater. The proposed project triggers a review because it creates more than 6,000 square feet of impervious surface and involves earthwork of more than 100 cubic yards. Revised submittal materials were received on March 27th. MSCWMO staff recommends board approval with four conditions:

1. A revised civil plan sheet for the ADS system layout is provided that is consistent with the updated modeling in the Stormwater Report dated March 27th, 2026.
2. Drainage easements covering land adjacent to ponding areas, stormwater facilities and wetlands up to their 100-year flood levels and covering all ditches and storm sewers. Access easements to these drainage easements and to stormwater management facilities shall also be shown.
3. A proposed maintenance agreement, which may be in the format of the MSCWMO Watershed Management Plan Appendix Q, or other form approved by the MSCWMO.
4. Prior to the release of any remaining fee or security, the permit holder must provide documentation that constructed stormwater facilities perform as designed. All projects shall provide as-builts of permanent stormwater facilities and infiltration tests demonstrating an acceptable infiltration rate or maximum 48-hour drawdown of the full volume if applicable.

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

Erosion and Sediment Control Inspection Reports

There are two erosion and sediment control reports included in the board packet. Both inspections received a “B” grade, meaning the site is in compliance but normal maintenance is required.

Staff Report

The 10-year management plan has been adopted as of January of 2026. Water monitoring activities are ongoing with lake sampling beginning early April and equipment being installed into Perro Creek.

Jay Riggs noted there are some recent bluffline violations. One project had submitted an application for construction of a pool, but did not meet the deadline for the meeting. Vegetation removal had been conducted along the bluff prior to approval, MSCWMO staff and City staff are working on following up. There is an additional violation also being assessed. One violation is in Lakeland, the other is in Lakeland Shores.

Manager Zeller stated that education should be discussed at the next board meeting and that these violations are frequently performed by new land owners who have maybe not lived on blufflines or had bluffline rules before. He stated that there are excellent education materials already available from Wild Rivers and EMWREP, but the MSCWMO board may want to be proactive and send a mailing to bluffline land owners informing them of the rules, and emphasized that the rules are in place because construction on and near the bluff frequently creates significant erosion problems that MSCWMO staff then have to work with landowners to remedy.

Jay Riggs stated that staff can follow up with EMWREP staff to get information for a mailing, and also reminded the board that the next Workshop on the Water is scheduled for July 31st.

Manager Zeller mentioned fine limits being low and asked Manager Millard to keep the board informed if Lakeland Shores updates their penalty for violations.

1W1P Updates

Jay Riggs stated that there is funding available for MSCWMO to apply for grants for projects. Manager Millard continues to be the representative to 1W1P for MSCWMO.

Other

Manager Zeller asked Manager Millard if the Lakeland beach project for accessibility was completed. Manager Millard stated they’re reconsidering what materials and design to use, so the project is still ongoing.

Adjourn

Manager Zeller motioned to adjourn the meeting, Manager Grahek seconded the motion. The motion carried with all in favor. The meeting adjourned at 6:38PM.



TO: MSCWMO Board
FROM: Staff
DATE: May 14, 2026
RE: Bluff Landowner Mailings

Per board request at the April 2026 meeting, staff investigated costs for a mailing to landowners to provide information about shoreland protection. Angie Hong, provided the following:

Last year in late October, we sent a mailing to 237 bluffland landowners in Bayport, Lakeland, Lakeland Shores, and St. Mary's Point. It was partly to advertise the Bluffland Workshop we were holding, but also had general info about riverway rules, erosion, and MSCWMO.

At Matt's suggestion, we excluded the LSCB people from the mailing last year because he said most of the riverway land is technically owned by the city. We also left out the West Lakeland people – there are only 13 of them so it wouldn't take much to add them back in. Staff from Bayport also reviewed and pulled out some of the addresses we originally had in last fall's mailing because they are in the riverway but not actually shoreline owners.

Cost for the mailing was \$355 for printing + \$62 for postage. We used Bayport Printing.



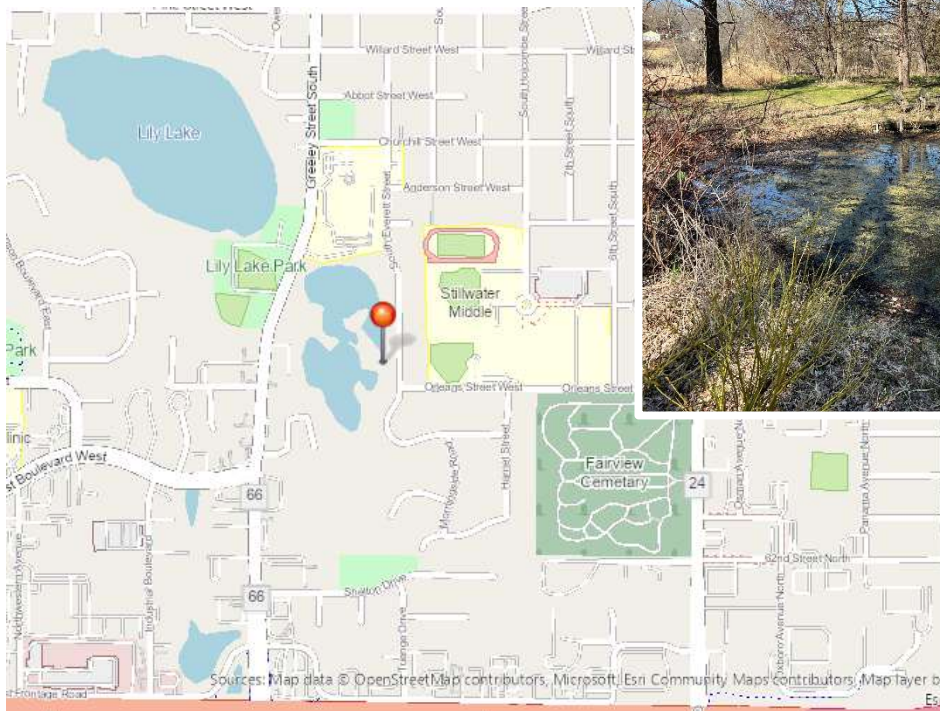
TO: Middle St. Croix Board of Managers
FROM: Brett Stolpestad, Landscape Restoration Specialist, Washington Conservation District
DATE: May 6, 2026
RE: Ammerman Stewardship Grant Request

Stillwater resident Kristin Ammerman is applying for a 2026 MSCWMO Stewardship to enhance the vegetation along the shoreline of Brick Pond on her property at 1308 Everett St S, Stillwater, MN 55082. Stewardship Grant funds will be used to reimburse for the cost of native plant material and temporary herbivory fencing. The landowner has provided a list of materials to be installed, reviewed and approved by WCD staff.

Project Estimate: \$350.00
Amount of Phosphorus removed: n/a
Cost Share requested: \$350

Requested Board Action: Motion by Board Member 1, seconded by Board Member 2, to approve encumbrance of \$350 cost share for the Ammerman Stewardship Grant project at 1308 Everett St S, Stillwater, MN 55082.

Location & Photos:





TO: Middle St. Croix Board of Managers
FROM: Brett Stolpestad, Landscape Restoration Specialist, Washington Conservation District
DATE: May 6, 2026
RE: Ballweg Stewardship Grant Request

Lake St. Croix Beach resident Anne Ballweg is applying for a 2026 MSCWMO Stewardship to install a 350 sf raingarden with surrounding native landscaping on her property located at 16620 Upper 12th St S, Lake St Croix Beach, MN 55043. The proposed practice will collect road, rood, and driveway runoff to reduce phosphorus loading by approximately 0.125 lbs and TSS by approximately 22.6 lbs annually. Installation labor will be performed by the landowner with 2026 MSCWMO Stewardship Grant funds used to reimburse for the cost of mulch, soil amendments, and plant material.

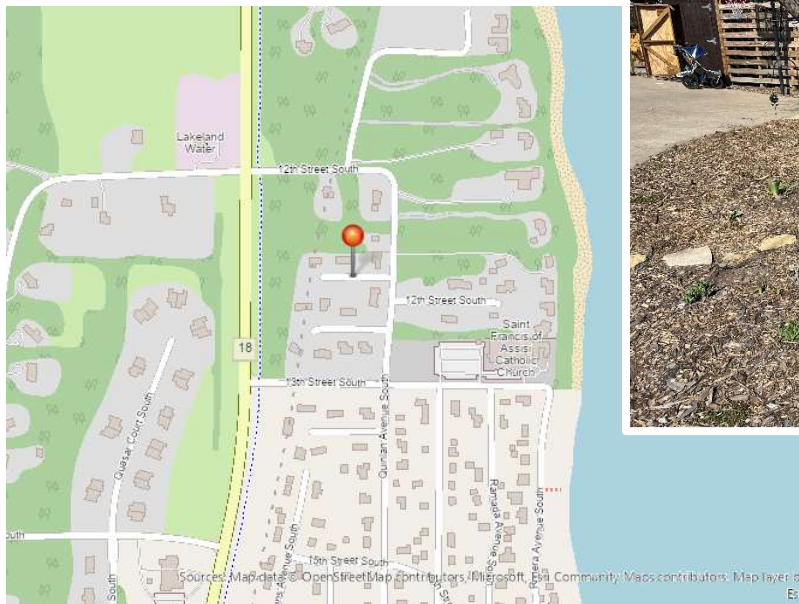
Project Estimate: \$2,020.00 (materials + in-kind labor valued at \$35/hr)

Amount of Phosphorus removed: n/a

Cost Share requested: \$500

Requested Board Action: Motion by Board Member 1, seconded by Board Member 2, to approve encumbrance of \$500 cost share for the Ballweg Stewardship Grant project at 16620 Upper 12th St S, Lake St Croix Beach, MN 55043.

Location & Photos:





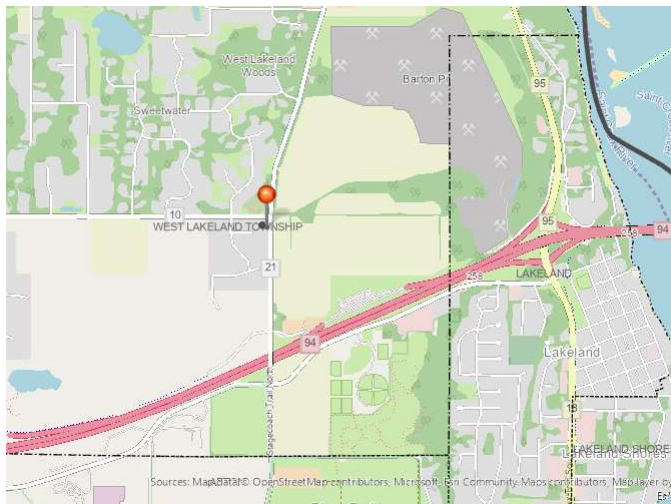
TO: Middle St. Croix Board of Managers
FROM: Brett Stolpestad, Landscape Restoration Specialist, Washington Conservation District
DATE: April 13, 2026
RE: Stichter Stewardship Grant Request – West Lakeland Town Hall

West Lakeland Township resident Kelly Stichter is applying for a 2026 MSCWMO Stewardship Grant on behalf of West Lakeland Township to install a native demonstration garden under the West Lakeland Town Hall sign on the corner of 10th St N and Stagecoach Trl N. The proposed project will serve as an opportunity to educate and demonstrate to residents the benefits of planting native species for pollinators and how native plants can beautify residential landscapes. If budget allows, native planting efforts will be extended to include the town hall foundation planting beds.

Project Estimate: \$1,500.00
Amount of Phosphorus removed: n/a
Cost Share requested: \$500

Requested Board Action: Motion by Board Member 1, seconded by Board Member 2, to approve encumbrance of \$500 cost share for the West Lakeland Town Hall project at 959 Paris Ave Circle N, West Lakeland, MN 55082.

Location & Photos:





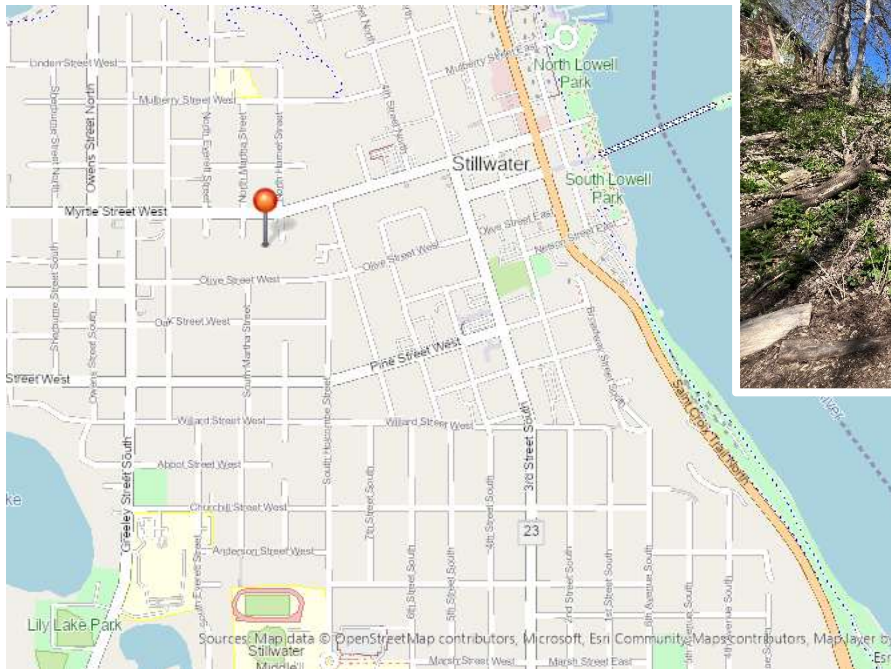
TO: Middle St. Croix Board of Managers
FROM: Brett Stolpestad, Landscape Restoration Specialist, Washington Conservation District
DATE: May 6, 2026
RE: Zelenak Stewardship Grant Request

Stillwater resident Van Zelenak is applying for a 2026 MSCWMO Stewardship to enhance the vegetation on a steep wooded slope on the NW corner of his property, located at 112 Harriet St S, Stillwater, MN 55082. While no rill or gully erosion was observed, enhancing the vegetation on the slope to increase ground layer density will help to prevent erosion and improve slope stability. Seed and plant installation will be performed by the landowner with 2026 MSCWMO Stewardship Grant funds used to reimburse for the cost of seed and plant material.

Project Estimate: \$750.00
Amount of Phosphorus removed: n/a
Cost Share requested: \$500

Requested Board Action: Motion by Board Member 1, seconded by Board Member 2, to approve encumbrance of \$500 cost share for the Zelenak Stewardship Grant project at 112 Harriet St S, Stillwater, MN 55082.

Location & Photos:





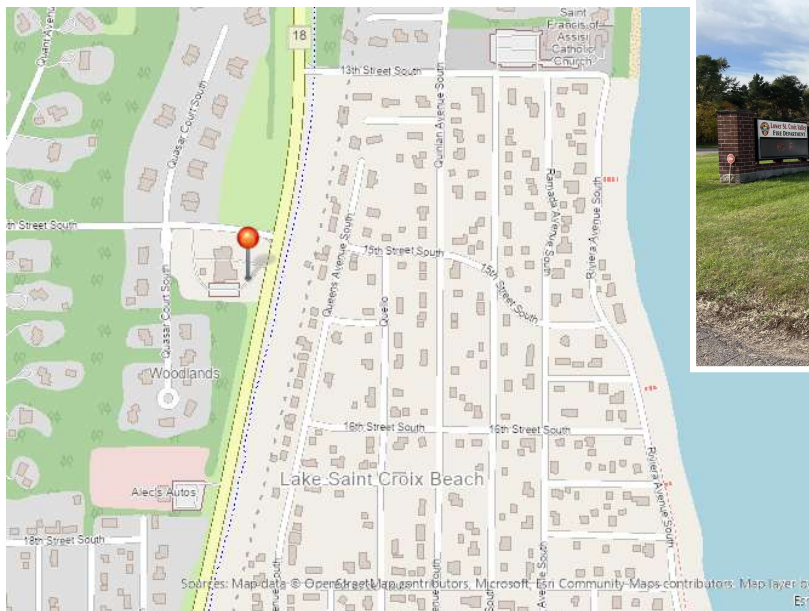
TO: Middle St. Croix Board of Managers
FROM: Brett Stolpestad, Landscape Restoration Specialist, Washington Conservation District
DATE: May 7, 2026
RE: LSCVFD Water Quality Improvement Grant Request

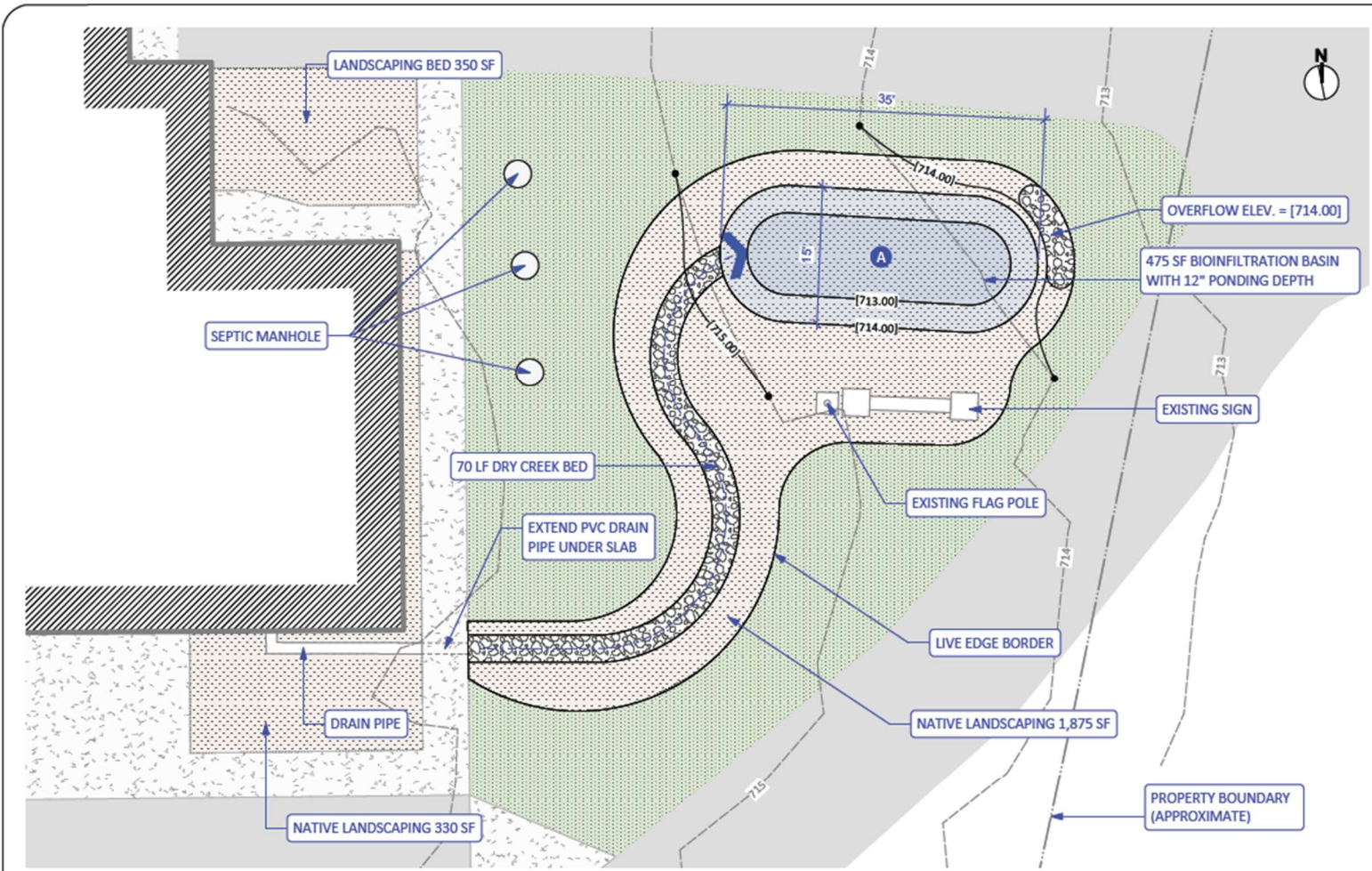
The Lower St. Croix Valley Fire Department (LSCVFD) is applying for a 2026 MSCWMO Water Quality Improvement Grant to install three biofiltration basins, convert 7,500 square feet of turf, and incorporate native landscaping around the fire department building located at 1560 St. Croix Trl S, Lake St. Croix Beach, MN 55043 . The project is expected to reduce TP loading to Lake St. Croix by approximately 1.04 lbs annually while demonstrating to the public the value of native landscaping for wildlife conservation. The fire department will coordinate with Tri-County Services, city staff, and WCD staff on the installation.

Project Estimate: \$16,084.48
Amount of Phosphorus removed: 1.04 lbs/yr
Cost Share requested: \$2,500.00

Requested Board Action: Motion by Board Member 1, seconded by Board Member 2, to approve encumbrance of \$2,500.00 cost share for the LSCVFD Bioretention project at 1560 St. Croix Trl S, Lake St. Croix Beach, MN 55043.

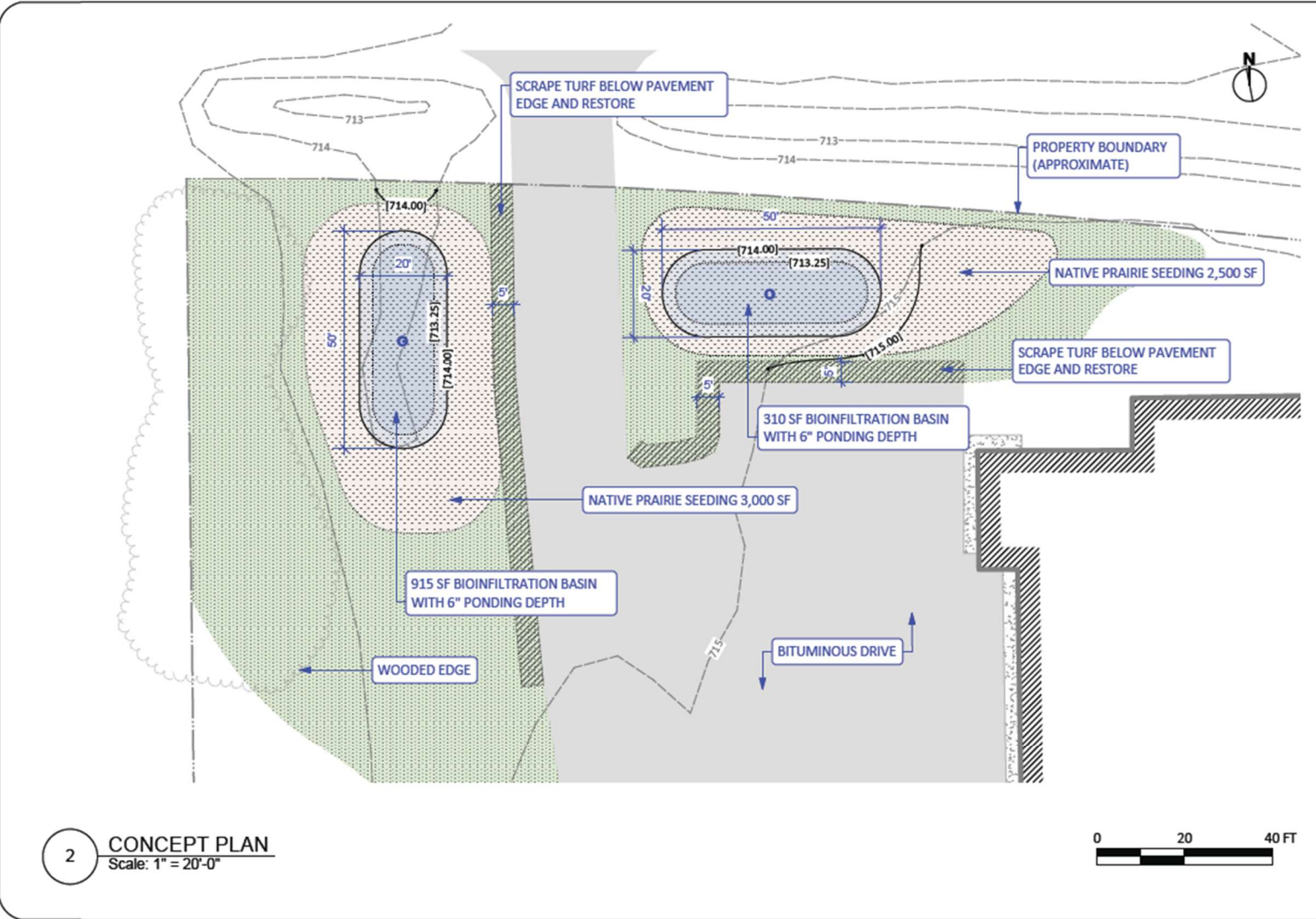
Location & Photos:





2 **CONCEPT PLAN**
Scale: 1" = 10'-0"

<p>Washington Conservation District 465 Hayward Ave N Olathe, MO 64528 (816) 330-8220 www.wcdist.org</p>	
<p>Project location: 1500 St. Croix Trail & Leland, MO 65243</p>	<p>Drawn by: BLS</p>
<p>Project title: East Bioretention</p>	
<p>Best discipline: Civil/Environmental Contract ID: 2024</p>	
<p>CONCEPT [NOT FOR CONSTRUCTION]</p>	
<p>Project Title: LSCVFD</p>	<p>Sheet Title: EAST BIORETENTION</p>
<p>Date: 3/18/2028</p>	
<p>Sht-2</p>	
<p>of</p>	
<p>5</p>	



2 CONCEPT PLAN
Scale: 1" = 20'-0"



<p>Washington Conservation District 465 Heywood Ave N Olathe, MN 55128 (612) 330-8220 www.wadist.org</p>	
<p>Project Address: 1500 St. Cook Trail & Leland, MN 55045</p>	<p>Project Manager: BLS</p>
<p>CONCEPT [NOT FOR CONSTRUCTION]</p>	
<p>Project Title: LSCVFD</p>	<p>Client Title: WEST BIORETENTION</p>
<p>Date: 3/18/2026</p>	
<p>Sht-3</p>	
<p>of 5</p>	



TO: Middle St. Croix WMO Board of Managers
FROM: Brett Stolpestad, Landscape Restoration Specialist, Washington Conservation District
DATE: May 7, 2026
RE: Request for Reimbursement – Stonebridge Elementary School Forest restoration Project

On January 8th, 2026 the MSCWMO board approved cost-share encumbrance of up to \$2,200.00 from the Water Quality Improvement Grant program for the installation of the Stonebridge Elementary School Forest Restoration Project. Teachers, parents and students have installed 26 potted native trees and shrubs, bare-root trees and shrubs donated by the DNR, 53 native perennials, and 16 lbs of native woodland seed within the school forest in spring of 2026. The school forest has also show a positive native plant community response from buckthorn removal over the winter of 2025/26.

The Stonebridge Elementary PTA is seeking reimbursement in the amount of \$2,113.15 for payments made to the contractor in November of 2025.

Project Estimate: \$8,309.70
Actual Expenditure: \$2,113.15
Cost Share Encumbered: \$2,200.00

Requested Board Action: Motion by Board Member 1, seconded by Board Member 2, to approve reimbursement of \$2,113.15 cost share for the installation of the Stonebridge Elementary School Forest restoration Project on Parcel #2903020110051. Send payment to Stonebridge PTA, 1245 Center St N, Stillwater, MN 55082.

Location & Photos:



[Above] *Student planting event, April 2026.*



TO: Matt Oldenburg-Downing, Administrator
FROM: Rebecca Nestingen, PE
DATE: May 7, 2026
RE: **8a) Plan Reviews/Submittals**

The following is a summary of recent activity on projects submittals which qualify for plan review under the MSCWMO 2025 Watershed Management Plan (WMP):

- **Grand Central House (Mehls Residence).** Incomplete submittal items were received on March 18th for the new home construction at 218 3rd St in Stillwater and additional review materials were received on April 23rd including an higher level of engineering review for infiltration in a high vulnerability DWSMA. The project triggers MSCWMO review because of a variance request to impervious surface coverage. MSCWMO staff have requested that applicant *revise and resubmit* to address the depth of the infiltration facility and maximum drawdown time of 48 hours as well as minor notes and items for the erosion and sediment control plan.
- **Conklin bluff stairs and riprap.** Incomplete submittal items were received on March 26th for the stair construction at 7XX (between 739 and 745) Quixote Ave N in Lakeland and additional review materials were received on May 5th including plans for riprap placement. The project triggers MSCWMO review because of disturbance within the shoreland and bluffland areas. *MSCWMO staff recommends board approval with four conditions.*
- **Bonestroo Pool.** The project review for the proposed pool project at 175 Lakeland Shores is temporarily suspended until plans addressing restoration of riverway ordaincne violations are received.
- **Central Automotive Parking Lot Addition.** Submittal items were received on March 25th for previously suspended Central Automotive parking lot addition at 14819 59th St N in OakPark Heights. A preliminary review has been completed and staff requested revised materials demonstrating conformance with MIDS flexible treatment options.



May 7, 2026

Shawn Sanders
City of Stillwater
216 N Fourth Street
Stillwater, MN 55082

Dear Mr. Sanders,

The Middle St. Croix Watershed Management Organization (MSCWMO) received initial submittal materials on March 18th, 2026 for the proposed residential construction at 218 3rd St S within the MSCWMO boundaries and the City of Stillwater. Additional submittal items were requested and received April 23rd, 2026 which included a higher level of engineering review finding infiltration appropriate in the high vulnerability DWSMA. The proposed project qualifies for full review under the MSCWMO 2015 Watershed Management Plan (WMP) since it involves a variance request to the local impervious surface coverage limits. The MSCWMO staff have reviewed the project and have requested that the materials be revised and resubmitted to address the following items:

1. Revise and resubmit the underground infiltration facility so that the infiltration depth does not exceed what can be expect to drain in 48 hours.
2. Indicate on plans the location, type, and quantity of sod or seed *with stabilizing cover (mulch or blanket)* for stabilizing exposed soils.
3. Provide notes for ESC inspections and maintenance (see items in the attached checklist)
4. Provide notes for pollution prevention (see items in the attached checklist)
5. Provide notes for final stabilization (see items in the attached checklist)

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: 26-002

Review Date: 5/7/2026

Project Name: Mehls Residence

Location: 218 3rd St S, Stillwater

Applicant: Jeremy Imhoff

Purpose: new single family home

Recommendation: Revise and resubmit to address the following:

1. Revise and resubmit the underground infiltration facility so that the infiltration depth does not exceed what can be expect to drain in 48 hours.
2. Indicate on plans the location, type, and quantity of sod or seed *with stabilizing cover (mulch or blanket)* for stabilizing exposed soils.
3. Provide notes for ESC inspections and maintenance (see items in the following checklist)
4. Provide notes for pollution prevention (see items in the following checklist)
5. Provide notes for final stabilization (see items in the following checklist)

Review Trigger:

- Any project 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 reconstructs 6,000 square feet or more of impervious surface.
- Any project within the St. Croix Riverway that adds or reconstruct 500 square feet or more of impervious surface.
- Any project with wetland impacts, grading within public waters, grading within shoreline buffers or within 40-feet of the bluff line.
- Any project requiring a variance from the current local impervious surface coverage limit, shoreline, floodplain, or bluffline setback requirements

Submittal Items:

- A completed project review application form
- The required project review application fee
- Grading Plan/Mapping Exhibits:
 - Property lines and delineation of lands under ownership of the applicant.
 - Summary of all existing and proposed impervious surfaces.
 - Existing and proposed site contour elevations related to NAVD 1988 datum (preferred) or NGVD, 1929. Datum must be noted on exhibits.

- NA Delineation of existing on-site wetlands, shoreland, bluffline and/or floodplain areas, including any buffers or setbacks with dimensions.
- NA Ordinary High Water (OHW) elevations and datum, as determined by the Minnesota DNR if applicable.
- NA Lowest floor elevation (including basement) of all existing and proposed structures and the regional flood elevation and datum of the 100-year recurrence interval (base flood elevation as determined in a flood insurance study) if applicable.
- Erosion and Sediment Control Plan including the following:
 - Perimeter controls (silt fence, sediment control logs filter berms, or other methods), construction accesses and notation on plans for installation to occur before land disturbing activity begins.
 - Temporary and permanent soil stabilization cover type (erosion control blanket/mulch, seed, sod, or other methods) and notation on plans for required stabilization timeframe.
 - NA Work exclusion areas for shoreland and buffer preservation, bluffline setbacks and stormwater volume control facilities.
 - Scour protection and energy dissipation in areas of concentrated flows.
 - Contact information including email and a phone number of the person responsible for inspection and compliance with erosion and sediment control.
 - Identification of all surface waters (lakes, streams, rivers, and wetlands) within one mile that receive drainage from the project site, and methods to protect surface waters.
- Permanent Stormwater Management System including the following:
 - Construction plans for all proposed stormwater management facilities including grading contours, bottom area, top area, outlet elevation and proposed vegetation if applicable.
 - Construction notes for proposed volume control facilities to prevent soil compaction
- NA Location(s) of past, current or future onsite well and septic systems if applicable.
- Locations of existing and proposed downspouts and conveyances routing runoff to proposed stormwater management facilities.

NA Other exhibits required to show conformance with MSCWMO performance standards such as documentation of coverage under the Construction Stormwater General Permit for applicable projects.

Stormwater Rate and Flood Control:

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

NA Low floor elevations of structures built adjacent to designated floodplain areas are a minimum of two feet above the base flood elevation plus any stage increase due to the designation of flood fringe areas or encroachments on the floodplain

Stormwater Volume Control and Treatment:

The required stormwater runoff volume captured and retained on site is equivalent to 1.1 inches of runoff from the new and/or fully reconstructed impervious surfaces, unless the project is linear. [Applicant has completed a higher level of engineering review to allow for infiltration in a high vulnerability DWSMA.](#)

NA As determined and agreed upon by the community and MSCWMO the project site has restrictions where infiltration is not feasible or advised, such as karst topography, very fast or slow infiltration soils, shallow bedrock or groundwater, DWSMA or potential stormwater hotspots.

NA Options considered for volume retention have examined the merits of:

NA Completing a higher level of engineering review for an ERA where the DWSMA is classified as moderate, or outside an ERA where the DWSMA is classified as high or very high

NA Relocating project elements to address varying soil conditions and other constraints across the site to achieve infiltration

NA Utilizing green roofs, rainwater harvesting, and/or stormwater reuse

NA If full volume retention cannot be achieved, FTO #1 is satisfied by achieving volume retention of 0.55 inches of runoff from impervious surfaces and 75% annual total phosphorus removal

NA If FTO#1 cannot be achieved, FTO #2 is satisfied by achieving volume retention to the maximum extent practicable and 60% annual total phosphorus removal

NA If FTO#2 cannot be achieved, FTO #3 is satisfied by through off-site mitigation, credit banking, or cash-in-lieu of treatment

NA Volume retention and pollutant removal credits are calculated in accordance with the Minnesota Stormwater Manual and MIDS calculator. Volume retention

credits are based on the assumption that an instantaneous volume is captured by the BMP, not the volume infiltrating during the event hydrograph. Ponds, stormwater wetlands and manufactured treatment device removals are based upon the pollutant removal credits in the Minnesota Stormwater Manual.

Stormwater BMP Design:

NA Surface flows to stormwater management facilities are pre-treated to remove solids and maintain long-term performance of the system. [Not applicable for roof runoff](#)

- Infiltration and filtration facilities drawdown within 48 hours per the following:
 - For "off-line" systems, the drawdown time is determined from the maximum water depth below the surface discharge elevation and the infiltration rate.
 - For "in-line" systems, the drawdown time includes the bounce within the system and the drawdown time is determined from the hydrograph time between the peak 100-yr HWL and soil surface/filter-media elevation **The infiltration facility exceeds the depth that can be expected to drain within 48 hours at a rate of 0.8 inches per hour. Please revise and resubmit.**

NA Bioretention (biofiltration, bioinfiltration, etc.) facilities above ground with vegetation have a maximum water depth below the surface discharge elevation of 1.5 feet.

NA Field measured infiltration rates are divided by 2 as a safety factor for design.

- In the absence of field-tested infiltration rates, the following design infiltration rates shall be used:
 - For proposed infiltration facilities with a drainage area less than 2 acres and receiving less the 0.7 acres of impervious surface runoff, the HSG is used to estimate infiltration rates consistent with the recommend rates from the Minnesota Stormwater Manual. [Soil texture assumed to be gravelly sand.](#)

NA For proposed infiltration facilities with a drainage area equal to or greater than 2 acres or having 0.7 acres or more of impervious surface runoff, infiltration suitability shall be verified with soil pits or borings per the Unified Soil Classification in accordance with the Minnesota Stormwater Manual.

- The design infiltration rates for underground infiltration facilities shall not exceed half of the above rates. [Design infiltration rate 0.8 in/hr, gravelly sand rate is 1.63 in/hr per Minnesota Stormwater Manual.](#)
- The following location and minimum setback requirements for proposed infiltration facilities are met:
 - A minimum 3-foot vertical distance between the bottom of an infiltration facility to the seasonally saturated soils or bedrock.

- A minimum of 1,000 feet up gradient or 100 feet down gradient of active karst terrain
- A minimum 100-foot horizontal separation between any infiltration facility and sensitive public water supply well
- A minimum 50-foot horizontal separation between any infiltration facility and all other public water supply well
- A minimum 35-foot horizontal separation between any infiltration facility and septic system.
- Infiltration facilities are not located within bluffline setbacks.

NA To prevent soil compaction of infiltration and filtration facilities, the following construction guidance must be provided in the plans and followed during construction:

NA Proposed facilities shall be staked off and marked during construction to prevent heavy equipment and traffic from traveling over it.

NA Proposed facilities may not be excavated within 2.0 feet of final grade until the contributing drainage area has been constructed and fully stabilized.

NA If facilities are in-place during construction activities, all sediment and runoff must be diverted away from the facility, using practices such as pipe capping or diversions. Robust erosion and sediment controls shall be utilized to protect facilities during construction.

NA Installation of facilities shall occur in dry soil conditions. Excavation, soil placement and rapid stabilization of perimeter slopes must be accomplished prior to the next precipitation event.

NA 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 stormwater facilities perform as designed.

Erosion and Sediment Control:

- Erosion Prevention
 - Stabilize all exposed soil areas (including stockpiles) with temporary erosion control (seed and mulch, blanket, or other methods) within 14 days (or 7 days for St. Croix River or impaired water) if construction activities in the area have temporarily or permanently ceased. **ESC notes only require temporary or final**

seeding but must also include stabilizing cover (mulch or erosion control blanket) or sod.

NA During MNDNR “work in water restrictions” periods all exposed soils (including stockpiles) within 200 feet of the water’s edge must be stabilized within 24 hours of temporarily or permanently pausing construction activities

NA Stabilize all exposed soils within the normal wetted perimeter of a temporary or permanent drainage ditch or swale within 200 feet of the point of discharge or property edge within 24 hours of allowing water to flow through the system. Mulch, hydromulch, tackifier, or similar practices may not be used in swales with slopes greater than two percent.

NA Stabilize pipe outlets with energy dissipation within 24 hours of connection to a drainage way or permanent stormwater treatment system.

Location, type and quantity of temporary erosion prevention practices are identified. Sod or seed with stabilizing cover (mulch or blanket) required for erosion prevention on exposed soils.

Sediment Control

Sediment control practices (silt fence, sediment control logs, filter berms, storm sewer inlet protection, or other methods) will be placed down gradient before land disturbing activities begin.

If sediment controls are overloaded based on frequent failure, additional upgradient, redundant, or more robust controls must be implemented.

NA Flotation silt curtain placed in water shall not be used as a primary sediment control practice except when working below the waterline or at the land-water interface. Sediment controls must otherwise be located on land. If used, flotation silt curtain shall be decontaminated of aquatic invasive species per MNDNR guidelines before transporting from the site.

NA Preserve a 50-foot buffer of natural vegetation (100 feet along the St. Croix River or impaired waters) around all surface waters, blufflines, and existing permanent stormwater treatment facilities. If infeasible and disturbance must occur within the buffer, redundant perimeter controls must be used.

Stabilized construction accesses (rock pads, rumble strips, access mats) must be utilized to minimize tracking out of sediment from the construction site. Paved surfaces must be cleaned daily if tracking practices are not adequate to prevent sediment from being tracked onto the paved surfaces.

Location, type and quantity of sediment control practices are identified.

NA Dewatering

NA Dewatering turbid or sediment-laden water to surface waters, stormwater conveyances, and existing permanent stormwater treatment facilities is prohibited.

NA Dewatering discharges shall be directed to temporary sediment basins, filter bags, well-vegetated areas within the site, treatment dumpsters, weeper systems, or other methods. Water leaving the site shall not be turbid, and dewatering discharge points shall be protected from scour and erosion.

NA Dewatering discharges must be regularly checked for visual clarity at least once every four hours, and records must be kept with the erosion control plan. Unattended dewatering activities are prohibited. If turbid water is discharged, dewatering activities shall cease immediately and additional filtration methods implemented.

Inspections and Maintenance

Applicant must inspect all erosion prevention and sediment control practices and adjacent surface waters, stormwater conveyances, and paved surfaces weekly and within 24 hours of a half-inch or more rain event to ensure integrity and effectiveness. **Provide a note for inspection frequency**

Records of inspections must include the date, time, name of inspector, rainfall amount, findings of the inspection, photographs collected of damaged practices or sediment discharges, and corrective actions taken as a result of the inspection. **Provide a note for required inspection records**

Damaged, non-functional, or missing erosion and sediment control practices shall be replaced by the end of the next business day. Sediment control devices must be maintained when sediment reaches half the height or half the volume of the device by the end of the next business day. **Provide a note for required timing for repair/replacement of non-functional ESC measures.**

If a sediment or discharge of material other than clean stormwater is found, the applicant must immediately notify the permit authority, and report the discharge to the state duty officer with a description of the type and amount of material discharged, and affected resources. **Provide a note for required reporting of discharge to state duty officer**

Plans shall include contact information including email and a phone number of the person responsible for inspection and compliance with erosion and sediment control. **Provide contact information for individual responsible for ESC.**

Pollution Prevention

Solid waste, including materials from spill clean ups, must be stored, collected and disposed of in accordance with state law.

- Provide effective containment for all liquid and solid wastes generated by washout operations (concrete, stucco, paint, form release oils, curing compounds) such that wastes do not come in contact with soil or stormwater. **Provide a note for containment of liquid and solid washout wastes**
 - Hazardous materials that have potential to leach pollutants such as oil, fuels, hydraulic fluid, paints, solvents, curing compounds, or other materials must be stored in sealed containers and under cover to minimize contact with stormwater. **Provide a note for proper containment of all hazardous materials.**
 - Immediately contain and prevent further discharge of spilled materials using spill containment kits. Document and report spills as required by state law. **Provide a note for requirement of onsite spill containment kits.**
 - Final Stabilization**
 - Projects are considered stabilized when all construction activity is complete and all soils disturbed as a result of the project are covered with perennial vegetation of at least 70 percent of the final expected growth. When sod is used, a project is considered stabilized after sod has been laid and maintained alive for at least 30 days. **Provide a note for determination criteria of vegetation establishment.**
 - Grading and landscape plans shall include soil tillage and soil bed preparation methods that are employed prior to landscape installation to a minimum depth of 8" and incorporate amendments to meet Minnesota State Stormwater Manual predevelopment soil type bulk densities. **Provide a note for minimum 8" soil depth that meets bulk density requirements.**
- NA Construction is prohibited on steep Slopes within the St. Croix. Steep slopes are defined as lands having average slopes 12% or greater over horizontal distances of fifty feet (50) or more.
- NA Land disturbing activities are prohibited within 40 feet of the top of blufflines. Blufflines are defined as a line along the top of a slope connecting points at which the slope, proceeding away from the waterbody or adjoining watershed channel, becomes less than twelve percent (12%).

Wetland Protection:

- NA Direct discharge of stormwater to wetlands and all other water bodies without water quality treatment is prohibited. Exemptions for bridges/culverts on linear projects and disconnected impervious with adequate vegetated buffers may be considered.
- NA Permits shall be obtained from appropriate regulatory authorities before beginning any work that impacts a wetland or its required buffer.

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 of the WMP for the individual wetland susceptibility class.

Buffer Protection:

NA Buffers of unmowed natural vegetation shall be maintained or created upslope of wetlands, lakes and streams.

NA Buffer widths conform to provisions in Table 7.1 of the WMP.

NA All buildings (principle and accessory) must be set back at least 20 feet from the upslope edge of the buffer.



May 7, 2026

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 incomplete submittal items on March 26th for the stair construction at 7XX (between 739 and 745) Quixote Ave N within the MSCWMO boundaries and the City of Lakeland. Additional submittal items were received on May 5th including plans for riprap placement. The proposed project qualifies for full review under the MSCWMO 2025 Watershed Management Plan (WMP) because of disturbance within the shoreland and bluffland areas. The proposed project meets the standards of the MSCWMO contingent upon the following:

1. The OHW noted on the plans is corrected and no work will occur below the OHW without prior approval my MNDNR for work in public waters
2. Stabilization timeframes for exposed soil areas are provided on plans (see items in the following checklist).
3. ESC inspection notes are provided on plans (see items in the following checklist).
4. Local approval is received for vegetative cutting and riprap placement within the flood fringe.

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,

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



PROJECT REVIEW CHECKLIST

MSCWMO Review ID: 26-005

Review Date: 5/7/2026

Project Name: Bluff stairs and riprap

Location: 7XX (lot between 739 and 745) Quixote Ave N, Lakeand

Applicant: Grant Conklin

Purpose: stairs for river access and riprap for shoreline protection

Recommendation: Proposed project meets the standards of MSCWMO contingent upon the following:

1. The OHW noted on the plans is corrected and no work will occur below the OHW without prior approval my MNDNR for work in public waters
2. Stabilization timeframes for exposed soil areas are provided on plans (see items in the following checklist).
3. ESC inspection notes are provided on plans (see items in the following checklist).
4. Local approval is received for vegetative cutting and riprap placement within the flood fringe.

Review Trigger:

- Any project 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 reconstructs 6,000 square feet or more of impervious surface.
- Any project within the St. Croix Riverway that adds or reconstruct 500 square feet or more of impervious surface.
- Any project with wetland impacts, grading within public waters, grading within shoreline buffers or within 40-feet of the bluff line.
- Any project requiring a variance from the current local impervious surface coverage limit, shoreline, floodplain, or bluffline setback requirements

Submittal Items:

- A completed project review application form
- The required project review application fee
- Grading Plan/Mapping Exhibits:
 - Property lines and delineation of lands under ownership of the applicant.
- NA Summary of all existing and proposed impervious surfaces.

- Existing and proposed site contour elevations related to NAVD 1988 datum (preferred) or NGVD, 1929. Datum must be noted on exhibits.
- Delineation of existing on-site wetlands, shoreland, bluffline and/or floodplain areas, including any buffers or setbacks with dimensions.
- Ordinary High Water (OHW) elevations and datum, as determined by the Minnesota DNR if applicable. **Incorrect OHW noted on plans, DNR OHW = 679.6' (NAVD 1988)**

NA Lowest floor elevation (including basement) of all existing and proposed structures and the regional flood elevation and datum of the 100-year recurrence interval (base flood elevation as determined in a flood insurance study) if applicable.

Erosion and Sediment Control Plan including the following:

- Perimeter controls (silt fence, sediment control logs filter berms, or other methods), construction accesses and notation on plans for installation to occur before land disturbing activity begins.

NA Temporary and permanent soil stabilization cover type (erosion control blanket/mulch, seed, sod, or other methods) and notation on plans for required stabilization timeframe.

Work exclusion areas for shoreland and buffer preservation, bluffline setbacks and stormwater volume control facilities. **Note on plans that no work will occur below the DNR OHW Elevation of 679.6' (NAVD 1988)**

NA Scour protection and energy dissipation in areas of concentrated flows.

- Contact information including email and a phone number of the person responsible for inspection and compliance with erosion and sediment control.

- Identification of all surface waters (lakes, streams, rivers, and wetlands) within one mile that receive drainage from the project site, and methods to protect surface waters.

NA Permanent Stormwater Management System including the following:

NA Construction plans for all proposed stormwater management facilities including grading contours, bottom area, top area, outlet elevation and proposed vegetation if applicable.

NA Construction notes for proposed volume control facilities to prevent soil compaction

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

NA Locations of existing and proposed downspouts and conveyances routing runoff to proposed stormwater management facilities.

NA Other exhibits required to show conformance with MSCWMO performance standards such as documentation of coverage under the Construction Stormwater General Permit for applicable projects.

Stormwater Rate and Flood Control:

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

NA Low floor elevations of structures built adjacent to designated floodplain areas are a minimum of two feet above the base flood elevation plus any stage increase due to the designation of flood fringe areas or encroachments on the floodplain

Stormwater Volume Control and Treatment:

NA The required stormwater runoff volume captured and retained on site is equivalent to 1.1 inches of runoff from the new and/or fully reconstructed impervious surfaces, unless the project is linear.

NA As determined and agreed upon by the community and MSCWMO the project site has restrictions where infiltration is not feasible or advised, such as karst topography, very fast or slow infiltration soils, shallow bedrock or groundwater, DWSMA or potential stormwater hotspots.

NA Options considered for volume retention have examined the merits of:

NA Completing a higher level of engineering review for an ERA where the DWSMA is classified as moderate, or outside an ERA where the DWSMA is classified as high or very high

NA Relocating project elements to address varying soil conditions and other constraints across the site to achieve infiltration

NA Utilizing green roofs, rainwater harvesting, and/or stormwater reuse

NA If full volume retention cannot be achieved, FTO #1 is satisfied by achieving volume retention of 0.55 inches of runoff from impervious surfaces and 75% annual total phosphorus removal

NA If FTO#1 cannot be achieved, FTO #2 is satisfied by achieving volume retention to the maximum extent practicable and 60% annual total phosphorus removal

NA If FTO#2 cannot be achieved, FTO #3 is satisfied by through off-site mitigation, credit banking, or cash-in-lieu of treatment

NA Volume retention and pollutant removal credits are calculated in accordance with the Minnesota Stormwater Manual and MIDS calculator. Volume retention

credits are based on the assumption that an instantaneous volume is captured by the BMP, not the volume infiltrating during the event hydrograph. Ponds, stormwater wetlands and manufactured treatment device removals are based upon the pollutant removal credits in the Minnesota Stormwater Manual.

Stormwater BMP Design:

- NA Surface flows to stormwater management facilities are pre-treated to remove solids and maintain long-term performance of the system
- NA Infiltration and filtration facilities drawdown within 48 hours per the following:
 - NA For "off-line" systems, the drawdown time is determined from the maximum water depth below the surface discharge elevation and the infiltration rate.
 - NA For "in-line" systems, the drawdown time includes the bounce within the system and the drawdown time is determined from the hydrograph time between the peak 100-yr HWL and soil surface/filter-media elevation
- NA Bioretention (biofiltration, bioinfiltration, etc.) facilities above ground with vegetation have a maximum water depth below the surface discharge elevation of 1.5 feet.
- NA Field measured infiltration rates are divided by 2 as a safety factor for design.
- NA In the absence of field-tested infiltration rates, the following design infiltration rates shall be used:
 - NA For proposed infiltration facilities with a drainage area less than 2 acres and receiving less the 0.7 acres of impervious surface runoff, the HSG is used to estimate infiltration rates consistent with the recommend rates from the Minnesota Stormwater Manual.
 - NA For proposed infiltration facilities with a drainage area equal to or greater than 2 acres or having 0.7 acres or more of impervious surface runoff, infiltration suitability shall be verified with soil pits or borings per the Unified Soil Classification in accordance with the Minnesota Stormwater Manual.
 - NA The design infiltration rates for underground infiltration facilities shall not exceed half of the above rates
- NA The following location and minimum setback requirements for proposed infiltration facilities are met:
 - NA A minimum 3-foot vertical distance between the bottom of an infiltration facility to the seasonally saturated soils or bedrock.
 - NA A minimum of 1,000 feet up gradient or 100 feet down gradient of active karst terrain

- NA A minimum 100-foot horizontal separation between any infiltration facility and sensitive public water supply well
- NA A minimum 50-foot horizontal separation between any infiltration facility and all other public water supply well
- NA A minimum 35-foot horizontal separation between any infiltration facility and septic system.
- NA Infiltration facilities are not located within bluffline setbacks.
- NA To prevent soil compaction of infiltration and filtration facilities, the following construction guidance must be provided in the plans and followed during construction:
 - NA Proposed facilities shall be staked off and marked during construction to prevent heavy equipment and traffic from traveling over it.
 - NA Proposed facilities may not be excavated within 2.0 feet of final grade until the contributing drainage area has been constructed and fully stabilized.
 - NA If facilities are in-place during construction activities, all sediment and runoff must be diverted away from the facility, using practices such as pipe capping or diversions. Robust erosion and sediment controls shall be utilized to protect facilities during construction.
 - NA Installation of facilities shall occur in dry soil conditions. Excavation, soil placement and rapid stabilization of perimeter slopes must be accomplished prior to the next precipitation event.
 - NA 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.
- NA Prior to the release of any remaining fee or security, the permit holder must provide documentation that constructed stormwater facilities perform as designed.

Erosion and Sediment Control:

- Erosion Prevention
 - Stabilize all exposed soil areas (including stockpiles) with temporary erosion control (seed and mulch, blanket, or other methods) within 14 days (or 7 days for St. Croix River or impaired water) if construction activities in the area have temporarily or permanently ceased. **Include stabilization timeframe note on plans**
 - During MNDNR “work in water restrictions” periods all exposed soils (including stockpiles) within 200 feet of the water’s edge must be stabilized

within 24 hours of temporarily or permanently pausing construction activities
Include stabilization timeframe note on plans

NA Stabilize all exposed soils within the normal wetted perimeter of a temporary or permanent drainage ditch or swale within 200 feet of the point of discharge or property edge within 24 hours of allowing water to flow through the system. Mulch, hydromulch, tackifier, or similar practices may not be used in swales with slopes greater than two percent.

NA Stabilize pipe outlets with energy dissipation within 24 hours of connection to a drainage way or permanent stormwater treatment system.

NA Location, type and quantity of temporary erosion prevention practices are identified.

Sediment Control

Sediment control practices (silt fence, sediment control logs, filter berms, storm sewer inlet protection, or other methods) will be placed down gradient before land disturbing activities begin.

If sediment controls are overloaded based on frequent failure, additional upgradient, redundant, or more robust controls must be implemented.

NA Flotation silt curtain placed in water shall not be used as a primary sediment control practice except when working below the waterline or at the land-water interface. Sediment controls must otherwise be located on land. If used, flotation silt curtain shall be decontaminated of aquatic invasive species per MNDNR guidelines before transporting from the site.

Preserve a 50-foot buffer of natural vegetation (100 feet along the St. Croix River or impaired waters) around all surface waters, blufflines, and existing permanent stormwater treatment facilities. If infeasible and disturbance must occur within the buffer, redundant perimeter controls must be used.

NA Stabilized construction accesses (rock pads, rumble strips, access mats) must be utilized to minimize tracking out of sediment from the construction site. Paved surfaces must be cleaned daily if tracking practices are not adequate to prevent sediment from being tracked onto the paved surfaces.

Location, type and quantity of sediment control practices are identified.

NA Dewatering

NA Dewatering turbid or sediment-laden water to surface waters, stormwater conveyances, and existing permanent stormwater treatment facilities is prohibited.

NA Dewatering discharges shall be directed to temporary sediment basins, filter bags, well-vegetated areas within the site, treatment dumpsters, weeper

systems, or other methods. Water leaving the site shall not be turbid, and dewatering discharge points shall be protected from scour and erosion.

NA Dewatering discharges must be regularly checked for visual clarity at least once every four hours, and records must be kept with the erosion control plan. Unattended dewatering activities are prohibited. If turbid water is discharged, dewatering activities shall cease immediately and additional filtration methods implemented.

Inspections and Maintenance

Applicant must inspect all erosion prevention and sediment control practices and adjacent surface waters, stormwater conveyances, and paved surfaces weekly and within 24 hours of a half-inch or more rain event to ensure integrity and effectiveness. **Note ESC inspection timeframe on plans**

Records of inspections must include the date, time, name of inspector, rainfall amount, findings of the inspection, photographs collected of damaged practices or sediment discharges, and corrective actions taken as a result of the inspection. **Note ESC inspection record requirements on plans**

Damaged, non-functional, or missing erosion and sediment control practices shall be replaced by the end of the next business day. Sediment control devices must be maintained when sediment reaches half the height or half the volume of the device by the end of the next business day. **Note ESC practice corrective timeframe on plans**

If a sediment or discharge of material other than clean stormwater is found, the applicant must immediately notify the permit authority, and report the discharge to the state duty officer with a description of the type and amount of material discharged, and affected resources. **Note on plans**

Plans shall include contact information including email and a phone number of the person responsible for inspection and compliance with erosion and sediment control. **Note**

Pollution Prevention

Solid waste, including materials from spill clean ups, must be stored, collected and disposed of in accordance with state law.

NA Provide effective containment for all liquid and solid wastes generated by washout operations (concrete, stucco, paint, form release oils, curing compounds) such that wastes do not come in contact with soil or stormwater.

NA Hazardous materials that have potential to leach pollutants such as oil, fuels, hydraulic fluid, paints, solvents, curing compounds, or other materials must be stored in sealed containers and under cover to minimize contact with stormwater.

NA Immediately contain and prevent further discharge of spilled materials using spill containment kits. Document and report spills as required by state law.

NA Final Stabilization

NA Projects are considered stabilized when all construction activity is complete and all soils disturbed as a result of the project are covered with perennial vegetation of at least 70 percent of the final expected growth. When sod is used, a project is considered stabilized after sod has been laid and maintained alive for at least 30 days.

NA Grading and landscape plans shall include soil tillage and soil bed preparation methods that are employed prior to landscape installation to a minimum depth of 8" and incorporate amendments to meet Minnesota State Stormwater Manual predevelopment soil type bulk densities.

- Construction is prohibited on steep Slopes within the St. Croix. Steep slopes are defined as lands having average slopes 12% or greater over horizontal distances of fifty feet (50) or more. [Plans minimize grading and slope disturbances by utilizing a floating stair system build upon helical or diamond piles. Riprap placement will conform to the existing grade from elevation 683' up to 689'.](#)
- Land disturbing activities are prohibited within 40 feet of the top of blufflines. Blufflines are defined as a line along the top of a slope connecting points at which the slope, proceeding away from the waterbody or adjoining watershed channel, becomes less than twelve percent (12%). [See above note](#)

Wetland Protection:

NA Direct discharge of stormwater to wetlands and all other water bodies without water quality treatment is prohibited. Exemptions for bridges/culverts on linear projects and disconnected impervious with adequate vegetated buffers may be considered.

NA Permits shall be obtained from appropriate regulatory authorities before beginning any work that impacts a wetland or its required buffer.

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 of the WMP for the individual wetland susceptibility class.

Buffer Protection:

MSCWMO Member Communities

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

Buffers of unmowed natural vegetation shall be maintained or created upslope of wetlands, lakes and streams.

NA Buffer widths conform to provisions in Table 7.1 of the WMP.

NA All buildings (principle and accessory) must be set back at least 20 feet from the upslope edge of the buffer.



April 15, 2026

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

Dear Mr. Kline,

The Middle St. Croix Watershed Management Organization (MSCWMO) received initial submittal materials on April 3rd, 2026 for the Safe Routes to School project on 5th Avenue North within the MSCWMO boundaries and the City of Bayport. The proposed project qualifies for full review under the MSCWMO 2025 Watershed Management Plan (WMP) since it involves earthwork of more than 100 cubic yards. The MSCWMO staff have reviewed the project and found the plans as submitted are meeting MSCWMO standards contingent upon the following three (3) items:

1. Contact information of person responsible for erosion and sediment control compliance is provided
2. ESC inspection timeframes and required records are noted
3. Pollution prevention notes are provided

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



PROJECT REVIEW CHECKLIST

MSCWMO Review ID: 26-007

Review Date: 4/10/2026

Project Name: Bayport Safe Routes to School – 5th Avenue North Sidewalk

Location: 817 5th Ave N

Applicant: Joe Hansen

Purpose: Construct connecting sidewalk to serve new Bayport Elementary School

Recommendation: Proposed project meets the standards of MSCWMO contingent upon the following:

1. Contact information of person responsible for erosion and sediment control compliance is provided
2. ESC inspection timeframes and required records are noted
3. Pollution prevention notes are provided

Review Trigger:

- Any project 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 reconstructs 6,000 square feet or more of impervious surface.
- Any project within the St. Croix Riverway that adds or reconstruct 500 square feet or more of impervious surface.
- Any project with wetland impacts, grading within public waters, grading within shoreline buffers or within 40-feet of the bluff line.
- All major subdivisions or minor subdivisions that are part of a common plan of development
- Development projects that impact 2 or more of the member communities
- Any project requiring a variance from the current local impervious surface coverage limit, shoreline, floodplain, or bluffline setback requirements

Submittal Items:

- A completed project review application form
- NA The required project review application fee
- Grading Plan/Mapping Exhibits:
 - Property lines and delineation of lands under ownership of the applicant.

- Summary of all existing and proposed impervious surfaces.
- Existing and proposed site contour elevations related to NAVD 1988 datum (preferred) or NGVD, 1929. Datum must be noted on exhibits.
- NA Delineation of existing on-site wetlands, shoreland, bluffline and/or floodplain areas, including any buffers or setbacks with dimensions.
- NA Ordinary High Water (OHW) elevations and datum, as determined by the Minnesota DNR if applicable.
- NA Lowest floor elevation (including basement) of all existing and proposed structures and the regional flood elevation and datum of the 100-year recurrence interval (base flood elevation as determined in a flood insurance study) if applicable.
- NA Drainage easements covering land adjacent to ponding areas, stormwater facilities and wetlands up to their 100-year flood levels and covering all ditches and storm sewers. Access easements to these drainage easements and to stormwater management facilities shall also be shown.
- NA Delineation of the subwatersheds contributing runoff from off-site, proposed and existing on-site subwatersheds, and flow directions/patterns.
- NA Location and detailed cross sections with elevations of proposed and existing stormwater facilities including outlet control structures and emergency overflows.
- NA Existing and proposed normal water elevations and the high water level produced from the 100-year 24-hour storms of all stormwater facilities.
- Erosion and Sediment Control Plan including the following:
 - Perimeter controls (silt fence, sediment control logs filter berms, or other methods), construction accesses and notation on plans for installation to occur before land disturbing activity begins.
 - Temporary and permanent soil stabilization cover type (erosion control blanket/mulch, seed, sod, or other methods) and notation on plans for required stabilization timeframe.
 - NA Work exclusion areas for shoreland and buffer preservation, bluffline setbacks and stormwater volume control facilities.
 - Scour protection and energy dissipation in areas of concentrated flows.
 - Contact information including email and a phone number of the person responsible for inspection and compliance with erosion and sediment control.

- Identification of all surface waters (lakes, streams, rivers, and wetlands) within one mile that receive drainage from the project site, and methods to protect surface waters.
- NA For projects disturbing more than one acre, or major or minor subdivisions that are part of a common plan of development, a copy of the Stormwater Pollution Prevention Plan (SWPPP), prepared by a qualified individual, which conforms to the MPCA Construction Stormwater General Permit requirements. The SWPPP must conform to the special requirements for “Special Waters” (St. Croix River) and impaired waters, when applicable.
- NA Permanent Stormwater Management System including the following:
 - NA Construction plans for all proposed stormwater management facilities including grading contours, bottom area, top area, outlet elevation and proposed vegetation if applicable.
 - NA Construction notes for proposed volume control facilities to prevent soil compaction
 - NA Location(s) of past, current or future onsite well and septic systems if applicable.
 - NA Locations of existing and proposed downspouts and conveyances routing runoff to proposed stormwater management facilities.
 - NA A completed stormwater volume control checklist.
 - NA Narrative addressing incorporation of stormwater BMPs, including individual BMP storage volumes and pretreatment method(s) used.
 - NA All hydrologic and hydraulic computations completed to design the proposed stormwater management facilities. The summaries shall include a map that corresponds to the subwatershed areas in the model.
 - NA A table (or tables) must be submitted showing the following:
 - NA A listing of all points where runoff leaves the site and the existing and proposed peak runoff rates for the 2-, 10-, and 100-year 24-hour storms.
 - NA A listing of the existing and proposed subwatershed hydrologic parameters including the impervious and pervious areas, runoff curve number of pervious areas, and time of concentration.
 - NA For proposed infiltration facilities with drainage areas of more than 2 acres or 0.7 acres or more of impervious surfaces, a soil boring report for onsite soil borings within the footprint of the proposed stormwater BMPs done in accordance with the Minnesota Stormwater Manual

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

NA A plan for post-construction management of chloride use on the site.

NA Other exhibits required to show conformance with MSCWMO performance standards such as documentation of coverage under the Construction Stormwater General Permit for applicable projects.

Stormwater Rate and Flood Control:

NA The peak rate of stormwater runoff from the 2-, 10-, and 100-year 24-hour storms from newly developed or redeveloped sites does not exceed the existing runoff rates for all points where stormwater discharges leave the site

NA Existing conditions assume good hydrologic conditions. When existing land cover is cropland, a CN of 56, 70, 79, and 83 is used for HSG A, B, C, and D, respectively.

NA Runoff for impervious and pervious portions of each subwatershed are calculated separately

NA Time of concentration is computed using TR-55 methodology

NA Modeling analyses include secondary overflows to route flows for events exceeding the storm sewer systems level-of-service and computational routing methods are "tailwater-aware" (e.g. dynamic-storage-indication or simultaneous pond routing)

NA In sub-areas of a landlocked watershed, development shall not increase the existing volume or rate of discharge from the sub-area for the 10-year return period event

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

NA Low floor elevations of structures built adjacent to designated floodplain areas are a minimum of two feet above the base flood elevation plus any stage increase due to the designation of flood fringe areas or encroachments on the floodplain

Stormwater Volume Control and Treatment:

NA The required stormwater runoff volume captured and retained on site is equivalent to 1.1 inches of runoff from the new and/or fully reconstructed impervious surfaces, unless the project is linear.

NA For linear projects, required stormwater runoff volume captured and retained on site is equivalent to the larger of:

NA 1.1 inches of runoff from the net increase in impervious, or

- NA 0.55 inches or runoff from new and/or fully reconstructed impervious
- NA As determined and agreed upon by the community and MSCWMO the project site has restrictions where infiltration is not feasible or advised, such as karst topography, very fast or slow infiltration soils, shallow bedrock or groundwater, DWSMA or potential stormwater hotspots.
- NA Options considered for volume retention have examined the merits of:
 - NA Completing a higher level of engineering review for an ERA where the DWSMA is classified as moderate, or outside an ERA where the DWSMA is classified as high or very high
 - NA Relocating project elements to address varying soil conditions and other constraints across the site to achieve infiltration
 - NA Utilizing green roofs, rainwater harvesting, and/or stormwater reuse
- NA If full volume retention cannot be achieved, FTO #1 is satisfied by achieving volume retention of 0.55 inches of runoff from impervious surfaces and 75% annual total phosphorus removal
- NA If FTO#1 cannot be achieved, FTO #2 is satisfied by achieving volume retention to the maximum extent practicable and 60% annual total phosphorus removal
- NA If FTO#2 cannot be achieved, FTO #3 is satisfied by through off-site mitigation, credit banking, or cash-in-lieu of treatment
- NA Volume retention and pollutant removal credits are calculated in accordance with the Minnesota Stormwater Manual and MIDS calculator. Volume retention credits are based on the assumption that an instantaneous volume is captured by the BMP, not the volume infiltrating during the event hydrograph. Ponds, stormwater wetlands and manufactured treatment device removals are based upon the pollutant removal credits in the Minnesota Stormwater Manual.

Stormwater BMP Design:

- NA Surface flows to stormwater management facilities are pre-treated to remove solids and maintain long-term performance of the system
- NA Infiltration and filtration facilities drawdown within 48 hours per the following:
 - NA For "off-line" systems, the drawdown time is determined from the maximum water depth below the surface discharge elevation and the infiltration rate.
 - NA For "in-line" systems, the drawdown time includes the bounce within the system and the drawdown time is determined from the hydrograph time between the peak 100-yr HWL and soil surface/filter-media elevation

- NA Bioretention (biofiltration, bioinfiltration, etc.) facilities above ground with vegetation have a maximum water depth below the surface discharge elevation of 1.5 feet.
- NA Field measured infiltration rates are divided by 2 as a safety factor for design.
- NA In the absence of field-tested infiltration rates, the following design infiltration rates shall be used:
- NA For proposed infiltration facilities with a drainage area less than 2 acres and receiving less than 0.7 acres of impervious surface runoff, the HSG is used to estimate infiltration rates consistent with the recommended rates from the Minnesota Stormwater Manual.
 - NA For proposed infiltration facilities with a drainage area equal to or greater than 2 acres or having 0.7 acres or more of impervious surface runoff, infiltration suitability shall be verified with soil pits or borings per the Unified Soil Classification in accordance with the Minnesota Stormwater Manual.
 - NA The design infiltration rates for underground infiltration facilities shall not exceed half of the above rates
- NA The following location and minimum setback requirements for proposed infiltration facilities are met:
- NA A minimum 3-foot vertical distance between the bottom of an infiltration facility to the seasonally saturated soils or bedrock.
 - NA A minimum of 1,000 feet up gradient or 100 feet down gradient of active karst terrain
 - NA A minimum 100-foot horizontal separation between any infiltration facility and sensitive public water supply well
 - NA A minimum 50-foot horizontal separation between any infiltration facility and all other public water supply well
 - NA A minimum 35-foot horizontal separation between any infiltration facility and septic system.
 - NA Infiltration facilities are not located within bluffline setbacks.
- NA To prevent soil compaction of infiltration and filtration facilities, the following construction guidance must be provided in the plans and followed during construction:
- NA Proposed facilities shall be staked off and marked during construction to prevent heavy equipment and traffic from traveling over it.
 - NA Proposed facilities may not be excavated within 2.0 feet of final grade until the contributing drainage area has been constructed and fully stabilized.

NA If facilities are in-place during construction activities, all sediment and runoff must be diverted away from the facility, using practices such as pipe capping or diversions. Robust erosion and sediment controls shall be utilized to protect facilities during construction.

NA Installation of facilities shall occur in dry soil conditions. Excavation, soil placement and rapid stabilization of perimeter slopes must be accomplished prior to the next precipitation event.

NA 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.

NA Prior to the release of any remaining fee or security, the permit holder must provide documentation that constructed stormwater facilities perform as designed. All projects shall provide as-builts of permanent stormwater facilities and infiltration tests demonstrating an acceptable infiltration rate or maximum 48-hour drawdown of the full volume if applicable.

Erosion and Sediment Control:

Erosion Prevention

Stabilize all exposed soil areas (including stockpiles) with temporary erosion control (seed and mulch, blanket, or other methods) within 14 days (or 7 days for St. Croix River or impaired water) if construction activities in the area have temporarily or permanently ceased.

NA During MNDNR “work in water restrictions” periods all exposed soils (including stockpiles) within 200 feet of the water’s edge must be stabilized within 24 hours of temporarily or permanently pausing construction activities

Stabilize all exposed soils within the normal wetted perimeter of a temporary or permanent drainage ditch or swale within 200 feet of the point of discharge or property edge within 24 hours of allowing water to flow through the system. Mulch, hydromulch, tackifier, or similar practices may not be used in swales with slopes greater than two percent.

Stabilize pipe outlets with energy dissipation within 24 hours of connection to a drainage way or permanent stormwater treatment system.

Location, type and quantity of temporary erosion prevention practices are identified.

Sediment Control

Sediment control practices (silt fence, sediment control logs, filter berms, storm sewer inlet protection, or other methods) will be placed down gradient before land disturbing activities begin.

- If sediment controls are overloaded based on frequent failure, additional upgradient, redundant, or more robust controls must be implemented.

NA Flotation silt curtain placed in water shall not be used as a primary sediment control practice except when working below the waterline or at the land-water interface. Sediment controls must otherwise be located on land. If used, flotation silt curtain shall be decontaminated of aquatic invasive species per MNDNR guidelines before transporting from the site.

- Preserve a 50-foot buffer of natural vegetation (100 feet along the St. Croix River or impaired waters) around all surface waters, blufflines, and existing permanent stormwater treatment facilities. **If infeasible and disturbance must occur within the buffer, redundant perimeter controls must be used.**
- Stabilized construction accesses (rock pads, rumble strips, access mats) must be utilized to minimize tracking out of sediment from the construction site. **Paved surfaces must be cleaned daily** if tracking practices are not adequate to prevent sediment from being tracked onto the paved surfaces.
- Location, type and quantity of sediment control practices are identified.

NA Dewatering

NA Dewatering turbid or sediment-laden water to surface waters, stormwater conveyances, and existing permanent stormwater treatment facilities is prohibited.

NA Dewatering discharges shall be directed to temporary sediment basins, filter bags, well-vegetated areas within the site, treatment dumpsters, weeper systems, or other methods. Water leaving the site shall not be turbid, and dewatering discharge points shall be protected from scour and erosion.

NA Dewatering discharges must be regularly checked for visual clarity at least once every four hours, and records must be kept with the erosion control plan. Unattended dewatering activities are prohibited. If turbid water is discharged, dewatering activities shall cease immediately and additional filtration methods implemented.

Inspections and Maintenance

- Applicant must inspect all erosion prevention and sediment control practices and adjacent surface waters, stormwater conveyances, and paved surfaces weekly and within 24 hours of a half-inch or more rain event to ensure integrity and effectiveness.**
- Records of inspections must include the date, time, name of inspector, rainfall amount, findings of the inspection, photographs collected of damaged practices or sediment discharges, and corrective actions taken as a result of the inspection.**

- Damaged, non-functional, or missing erosion and sediment control practices shall be replaced by the end of the next business day. Sediment control devices must be maintained when sediment reaches half the height or half the volume of the device by the end of the next business day.
- If a sediment or discharge of material other than clean stormwater is found, the applicant must immediately notify the permit authority, and report the discharge to the state duty officer with a description of the type and amount of material discharged, and affected resources.
- Plans shall include contact information including email and a phone number of the person responsible for inspection and compliance with erosion and sediment control.
- Pollution Prevention**
 - Solid waste, including materials from spill clean ups, must be stored, collected and disposed of in accordance with state law.
 - Provide effective containment for all liquid and solid wastes generated by washout operations (concrete, stucco, paint, form release oils, curing compounds) such that wastes do not come in contact with soil or stormwater.
 - Hazardous materials that have potential to leach pollutants such as oil, fuels, hydraulic fluid, paints, solvents, curing compounds, or other materials must be stored in sealed containers and under cover to minimize contact with stormwater.
 - Immediately contain and prevent further discharge of spilled materials using spill containment kits. Document and report spills as required by state law.
- Final Stabilization**
 - NA For residential subdivisions only, individual lots are considered final stabilized if the structures are finished and temporary erosion protection and down gradient sediment control has been completed.
 - Projects are considered stabilized when all construction activity is complete and all soils disturbed as a result of the project are covered with perennial vegetation of at least 70 percent of the final expected growth. When sod is used, a project is considered stabilized after sod has been laid and maintained alive for at least 30 days.
 - NA Grading and landscape plans shall include soil tillage and soil bed preparation methods that are employed prior to landscape installation to a minimum depth of 8" and incorporate amendments to meet Minnesota State Stormwater Manual predevelopment soil type bulk densities.

NA Construction is prohibited on steep Slopes within the St. Croix. Steep slopes are defined as lands having average slopes 12% or greater over horizontal distances of fifty feet (50) or more.

NA Land disturbing activities are prohibited within 40 feet of the top of blufflines. Blufflines are defined as a line along the top of a slope connecting points at which the slope, proceeding away from the waterbody or adjoining watershed channel, becomes less than twelve percent (12%).

Wetland Protection:

Direct discharge of stormwater to wetlands and all other water bodies without water quality treatment is prohibited. Exemptions for bridges/culverts on linear projects and **disconnected impervious with adequate vegetated buffers** may be considered.

NA Permits shall be obtained from appropriate regulatory authorities before beginning any work that impacts a wetland or its required buffer.

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 of the WMP for the individual wetland susceptibility class.

Buffer Protection:

NA Buffers of unmowed natural vegetation shall be maintained or created upslope of wetlands, lakes and streams.

NA Buffer widths conform to provisions in Table 7.1 of the WMP.

NA All buildings (principle and accessory) must be set back at least 20 feet from the upslope edge of the buffer.

Chloride Management:

NA A post-construction chloride management plan for chloride use on the site designates an individual authorized to implement the chloride-use plan and a MPCA smart salting-certified applicator engaged in the implementation of the chloride-use plan for the site.



Compliance Summary & Corrective Action Notice

Inspector Name: Aaron DeRusha Inspection Date: 04/14/2026

Project Name: Schultz Project Address: 15110-15172 15th St 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 type="checkbox"/> B	The site is in compliance , but normal maintenance activities are required.
<input checked="" 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.

Erosion Controls, aka soil covers, protect soils from moving during rain events, while **Sediment Controls**, aka perimeter controls, are the last line of defense to contain moving soils. Soil cover is often more effective than perimeter control in preventing sediment discharges, and proper use reduces maintenance needs for perimeter controls.

Guidance for best practices: [Small Site Erosion Control](#), [Erosion Prevention and Stabilization](#), and [Sediment and Perimeter Controls](#) or contact WMO staff.

Corrective Action(s) Required:

1. ***Wherever construction activity has paused for more than 14 days*** exposed soils must be stabilized - apply soil cover such as straw mulch, hydromulch, wood chips, erosion control blanket, temporary seeding, or other methods.

Erosion & Sediment Control Compliance Summary & Corrective Action Notice

2. ***Immediately*** apply soil cover such as straw mulch, hydromulch, wood chips, erosion control blanket, temporary seeding, poly sheeting, or other methods of stabilization to exposed soils or stockpiles that are overdue for stabilization.
3. ***Immediately*** Install perimeter controls. Perimeter controls must be installed before land disturbance begins.

General Comments or Potential Areas of Future Concern:

Silt fence, biologs, or other perimeter controls need to be installed immediately on all areas downhill of exposed soils, especially around the cleared area in the NW part of the site and east of the driveway. Exposed soils not being actively worked are due for stabilization.

Were any discharges observed during this inspection? No Yes

Erosion & Sediment Control Compliance Summary & Corrective Action Notice

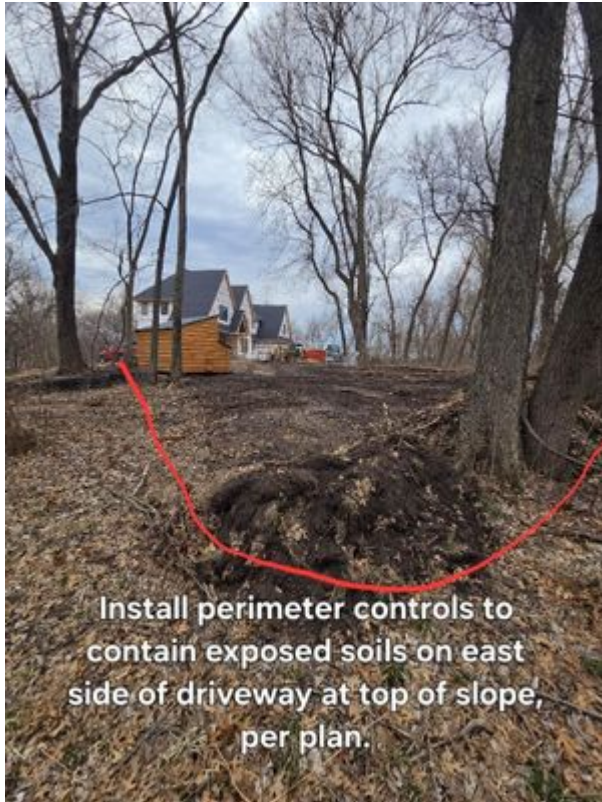
	Compliant	Non-compliant	Under Review	Not Inspected
Erosion Prevention Requirements:				
Soils are stabilized where no construction activity has occurred for 14 days (including stockpiles)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Disturbance 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"/>	<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 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 type="checkbox"/>	<input checked="" type="checkbox"/>
Erodible stockpiles have perimeter control in place	<input type="checkbox"/>	<input checked="" 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"/>
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:				

Erosion & Sediment Control Compliance Summary & Corrective Action Notice

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 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





Compliance Summary & Corrective Action Notice

Inspector Name: Aaron DeRusha Inspection Date: 04/14/2026

Project Name: Mildon home Project Address: 16757 25th St S

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.

Erosion Controls, aka soil covers, protect soils from moving during rain events, while **Sediment Controls**, aka perimeter controls, are the last line of defense to contain moving soils. Soil cover is often more effective than perimeter control in preventing sediment discharges, and proper use reduces maintenance needs for perimeter controls.

Guidance for best practices: [Small Site Erosion Control](#), [Erosion Prevention and Stabilization](#), and [Sediment and Perimeter Controls](#) or contact WMO staff.

Corrective Action(s) Required:

1. ***By the end of the next business day*** install perimeter controls at edge of disturbed soils.
2. ***By the end of the next business day*** repair and/or replace damaged perimeter controls.

General Comments or Potential Areas of Future Concern:

Met with Jake Mildon on site. Discussed replacing damaged silt fence with a stabilized soil berm as perimeter

Erosion & Sediment Control Compliance Summary & Corrective Action Notice

control, 18" tall built from the spoils from rough grading rain gardens. Berm should be stabilized with straw mulch or blanket. Berm should also keep water out of the rain gardens until drainage areas are vegetated. Discussed rain garden requirements- basins should meet size requirements on plan and have 18" of level ponding depth. Basins should have sand/compost mix installed as shown in plan details. Turf grass is an acceptable planting in the basins. Discussed pitching of driveway to rain gardens 1 and 4, and swaling of water to all gardens. Will assist in finding seed mix for areas that will not be grassed- silt fence should remain in place until soils are 70% vegetated.

Were any discharges observed during this inspection? No Yes

Erosion & Sediment Control Compliance Summary & Corrective Action Notice

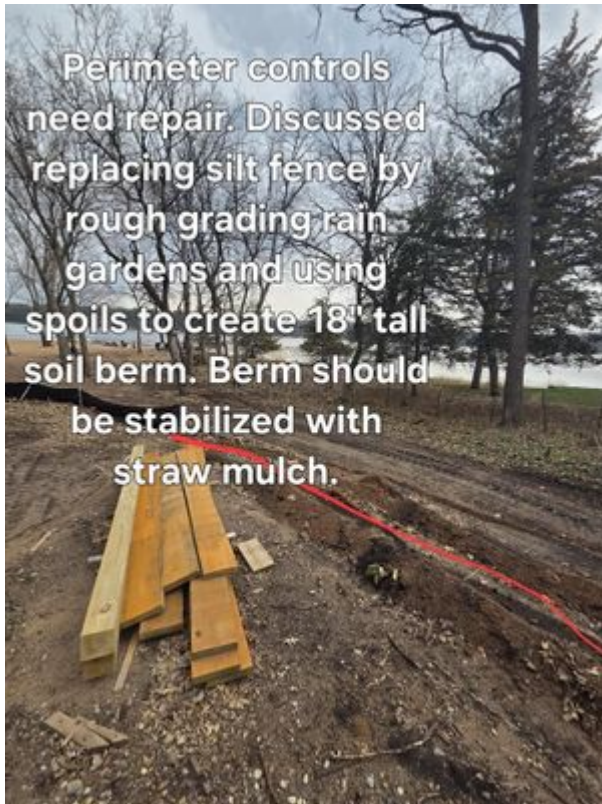
	Compliant	Non-compliant	Under Review	Not Inspected
Erosion Prevention Requirements:				
Soils are stabilized where no construction activity has occurred for 14 days (including stockpiles)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Disturbance 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 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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maintenance and Inspection Requirements:				
Previously stabilized areas are maintaining ground cover	<input type="checkbox"/>	<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"/>	<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:				

Erosion & Sediment Control Compliance Summary & Corrective Action Notice

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 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





Compliance Summary & Corrective Action Notice

Inspector Name: Aaron DeRusha Inspection Date: 04/16/2026

Project Name: Lakeland Shores Properties, LLC. Project Address: 16530 ? 1st St S

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.

Erosion Controls, aka soil covers, protect soils from moving during rain events, while **Sediment Controls**, aka perimeter controls, are the last line of defense to contain moving soils. Soil cover is often more effective than perimeter control in preventing sediment discharges, and proper use reduces maintenance needs for perimeter controls.

Guidance for best practices: [Small Site Erosion Control](#), [Erosion Prevention and Stabilization](#), and [Sediment and Perimeter Controls](#) or contact WMO staff.

Corrective Action(s) Required:

General Comments or Potential Areas of Future Concern:

Drive by inspection to check inlets- inlet bags are still functional. Damaged inlets noted in last inspection were incorrect- curbs do not have a curb cut and the damaged fabric was only the curb backer, which is not necessary for this type of inlet.

Erosion & Sediment Control Compliance Summary & Corrective Action Notice

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

Erosion & Sediment Control Compliance Summary & Corrective Action Notice

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:



Compliance Summary & Corrective Action Notice

Inspector Name: Aaron DeRusha Inspection Date: 04/14/2026

Project Name: Bill Marzolf and Maureen Bausch new home project Project Address: 16855 21st St S

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.

Erosion Controls, aka soil covers, protect soils from moving during rain events, while **Sediment Controls**, aka perimeter controls, are the last line of defense to contain moving soils. Soil cover is often more effective than perimeter control in preventing sediment discharges, and proper use reduces maintenance needs for perimeter controls.

Guidance for best practices: [Small Site Erosion Control](#), [Erosion Prevention and Stabilization](#), and [Sediment and Perimeter Controls](#) or contact WMO staff.

Corrective Action(s) Required:

General Comments or Potential Areas of Future Concern:

Discussed rain garden sizing and water routing via swales or downspout tile tubes. Sediment controls above the retaining may be temporarily removed for access to the retaining wall area. Sediment controls should be reinstalled at top of bluff after retaining wall work is complete until yard is sodded or permanently stabilized.

Erosion & Sediment Control Compliance Summary & Corrective Action Notice

Discussed pervious paver and substrate install. Recommended contractor provide photos as soil mix and base are installed in rain gardens and pervious paver areas. Contractor will provide updated plans for landscaping on slope of street side of house.

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

Erosion & Sediment Control Compliance Summary & Corrective Action Notice

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





Compliance Summary & Corrective Action Notice

Inspector Name: Aaron DeRusha Inspection Date: 04/14/2026

Project Name: Marzlof and Bausch Retailing Wall Project Address: 16855 21st St S

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.

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Guidance for best practices: [Small Site Erosion Control](#), [Erosion Prevention and Stabilization](#), and [Sediment and Perimeter Controls](#) or contact WMO staff.

Corrective Action(s) Required:

General Comments or Potential Areas of Future Concern:

Work not yet begun on retaining wall. Discussed placement of silt fence and biolog sediment controls.

Discussed whether or not wire backed silt fence with metal posts will be required as shown on plan details, or if

Erosion & Sediment Control Compliance Summary & Corrective Action Notice

wood post silt fence will be an acceptable substitute. Will confirm with WMO engineer, left voicemail and awaiting return call.

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"/>
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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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Perimeter controls are maintained and functioning properly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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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:				

Erosion & Sediment Control Compliance Summary & Corrective Action Notice

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"/>
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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:





Compliance Summary & Corrective Action Notice

Inspector Name: Aaron DeRusha Inspection Date: 04/16/2026

Project Name: Marzolf and Bausch Retaining Wall Project Address: 16855 21st St S

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.
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Corrective Action(s) Required:

General Comments or Potential Areas of Future Concern:

Met with Brian Meyers on site to confirm silt fence and biolog install. Silt fence and biolog install is acceptable given space constraints. Discussed covering exposed soils and slope with plastic sheeting if needed during storm

Erosion & Sediment Control Compliance Summary & Corrective Action Notice

events as a safety measure. Discussed seeding exposed soils immediately above silt fence with oats for rapid temp stabilization.

Were any discharges observed during this inspection? No Yes

Erosion & Sediment Control Compliance Summary & Corrective Action Notice

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Other Requirements:				

Erosion & Sediment Control Compliance Summary & Corrective Action Notice

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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:





Staff Report- APRIL 2026

Administration

- Prepared meeting materials
- Participated in Lower St. Croix Partnership meetings
- Permit review coordination with communities
- Coordination with partners
- Coordinated leave coverage
- Evaluated violation sites

Water Monitoring Program

Description: The MSCWMO water monitoring program includes the monitoring of flow at two sites. These sites have equipment that serves to collect data on the total volume of water flowing through Perro Creek at the Diversion Structure, as well as the Perro Creek Diversion Structure Overflow. Water quality samples are collected at the Perro Creek Diversion Structure on a monthly basis and 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: Monitoring equipment has been fully installed at Perro Creek Diversion and Perro Creek Diversion Overflow monitoring sites, and the sites are ready for storm sample collection. Two lake samples have been collected on both Lily and McKusick Lakes. Lake elevation gages have been installed and surveyed on Lily Lake, McKusick Lake, and Brick Pond. A citizen volunteer continues to collect elevations at Brick Pond.

Staff: Aaron DeRusha, WCD

Erosion and Sediment Control Inspections

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

Activities This Month: Inspections were conducted at the 15130 15th St N West Lakeland Township- Schultz, 16757 25th St S, St. Mary's Point- Mildon, 16855 21st St S, Lake St. Croix Beach- Marzolf New Home Build and Retaining Wall, and 16530 1st St S, Lakeland Shores- Lakeland Shores Properties, LLC sites. The Marzolf Retaining Wall site was inspected twice, and additional drive-by inspections of the Cheep Storage Expansion and Lakeland Shores Properties,

LLC sites were conducted. At the Mildon site a meeting with the homeowner was conducted, and the inspection found silt fence had been prematurely removed and needed replacement. Technical guidance for re-installation of perimeter controls, rain garden construction, final vegetation establishment, and acceptable removal timeframes for perimeter controls was provided. The Marzolf New Home Build is nearing completion, and a site meeting with the contractor was conducted to provide guidance on completion of the rain gardens. The Marzolf Retaining Wall project was visited twice with the contractor to discuss pre-project expectations for installation of the silt fence, and confirmation the silt fence and second row of perimeter control was properly installed. The site perimeter controls were in good condition prior to starting the project, and methods to cover the slope quickly in the case of sudden rain events, such as poly sheeting, were discussed with the contractor. The Schultz project in West Lakeland Township was found to be missing perimeter controls on a large area of the parcel where trees had been removed and the soil disturbed, and there are areas of the site that are overdue for temporary soil cover where soils are not actively worked. The site manager provided photos of perimeter control installation and seeding and mulching of exposed soils. The Lakeland Shores Properties, LLC and Cheep Storage Expansion projects have implemented corrections since previous inspections to repair perimeter controls and stabilize soils.

Improvements and updates were also made to the erosion control inspection template to provide clearer timelines for corrective actions, provide educational links to resources for site compliance within the inspection report, and to update the report style.

Staff: Aaron DeRusha, WCD

St. Croix Riverway Violations

Description: The MSCWMO staff have been involved in providing technical support to communities for local St. Croix Riverway Ordinance violations.

Activities This Month: MSCWMO staff, along with the City Engineer and DNR Area Hydrologist met with the owner at 175 Lakeland Shores on April 22nd to discuss potential restorations for actions in violation of the local riverway ordinance. The proposed pool project review for the property is temporarily suspended until a revised plan that addresses the restoration is provided. MSCWMO staff also provided recommendations for restoration orders at 569 Quixote which will be discussed at an upcoming violation hearing at the Lakeland City council meeting on May 19th.

Staff: Rebecca Nestingen, 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: Seasonal crew has started and inlet cleanout will be completed this month.

Staff: Brett Stolpestad, Cameron Blake, WCD

Pre-App Meeting

Rebecca Nestingen attended an onsite pre-application meeting on May 5th at 1195 Quinlan Ave S in Lakeland. Dan Scollan (DNR), Erik Henningsgard (City Engineer), Emily Herold (City Planner), as well as the owners and builder were also present. The owners are proposing demolishing the existing structure and building a new single family home. Staff provided information regarding standards for stormwater management and bluffline setbacks. Practical difficulties criteria for variance requests were also discussed.