

**Middle St. Croix Watershed Management Organization
Bayport Public Library
6:00 pm August 11, 2016**

Present: Dan Goldston, City of Bayport; Brian Zeller, City of Lakeland Shores; Chuck Dougherty, City of Oak Park Heights; Doug Menikheim, City of Stillwater; Annie Perkins, city of Afton; Tom McCarthy, City of Lake St. Croix Beach; John Felleggy, Baytown Township; Mike Isensee, Administrator of the MSCWMO; Katherine McLellan, GreenCorps Member

Call to Order – Regular Board Meeting

The meeting was called to order at 6:00pm.

Approval of Minutes

A motion to approve the June 9, 2016 minutes was made by Chuck Dougherty, seconded by Doug Menikheim. The motion carried.

Treasurer's Report:

- a) Report of savings account, assets for August 11, 2016
- b) Approve payment of bills for August 11, 2016

The treasurer's report was presented. The remaining checking account balance is \$231,125.90. First State Bank CDs are valued at \$32,094.13. The ending balance in the RBC savings account is \$34,656.61. Bills to be approved this month are: \$2,392.75 Emmons and Olivier Resources; \$35.40 Kennedy and Graven; \$23,961.00 City of Oak Park Heights; \$70.17 Prairie Restorations; \$15.00 Prairie Restorations; \$8,938.37 Washington Conservation District (water monitoring); \$1,750.00 Washington Conservation District (educator); \$1,678.00 Washington Conservation District (admin- June); \$6,952.50 Washington Conservation District (tech services- June); \$898.00 Washington Conservation District (admin- July); \$3,045.50 Washington Conservation District (tech services- July). Bills total to \$49,736.69.

Mr. Felleggy moved, seconded by Ms. Zeller, to approve the treasurer's report and pay the bills presented. The motion carried.

It was decided that the items that required Board motion would be addressed first, due to time constraints.

1. Reimbursement for Oak Park Heights Raingardens (agenda item 5c)

Administrator Isensee introduced the topic of reimbursement for the Oak Park Heights raingardens that were recently installed. Nine raingardens were installed in Oak Park Heights as part of this project. The MSCWMO performed technical reviews to ensure proper construction throughout the process. At this point, the City of Oak Park Heights has submitted a request for reimbursement of \$23,961. This project was part of a 2015 grant. Mr. Zeller asked if this reimbursement was consistent with a prior agreement, and Administrator Isensee said that it was.

Mr. Zeller moved, seconded by Mr. Menikheim, to pay the reimbursement to the City of Oak Park Heights as presented.

2. Lily Lake CWF Grant Extension and Work Plan Amendment Request (agenda item 6a)

Administrator Isensee introduced a request for a grant extension and work plan modification for Lily Lake Phase III Clean Water Fund Grant from 2014. The initial plan for this project was to install curb cut raingardens in this watershed, which would each reduce phosphorus loading by about 7 lbs annually. However, during the process of outreach for these projects, a significant gully was discovered, which Administrator Isensee has referred to as Greeley Gully. A gully stabilization project here will reduce phosphorus loading to Lily Lake by about 40 lbs annually. Incorporating this project into the grant is a deviation from the original work plan and therefore BWSR requires a work plan amendment. Administrator Isensee explained that MSCWMO and WCD staff worked hard to try to get the project designed, bid and constructed this year but could not complete the plans in time. Therefore, the project should be bid in January or February of 2017, and constructed next season. Administrator Isensee requested an approval from the Board of the amendment and the extension on the grant.

Mr. Felleggy moved, seconded by Ms. Perkins, to approve the work plan amendment and the grant extension.

3. Baytown Substation New Construction, Oak Park Heights (agenda item 8c)

Administrator Isensee introduced the plans for the expansion of Xcel Energy's substation in Oak Park Heights. This expansion of the existing substation will add impervious surface and therefore triggered requirements for erosion and sediment control. However, this area is in the emergency response zone for Oak Park Heights drinking water wells, so no infiltration is possible. The plan, therefore, incorporates a rip rap field, a filtration zone, and a pond for rate control before stormwater leaves the site. Mr. Zeller commented that this seems to be large design for a small expansion. Administrator Isensee explained that it was necessary because the expansion added 9000 square feet of new or reconstructed impervious surface. He also clarified that the plan was drawn up by a firm in Texas, not by him. A brief discussion of current drainage in that area of Oak Park Heights ensued. Administrator Isensee recommended approval of the plan with five conditions.

Mr. Zeller moved, seconded by Mr. Felleggy, to approve the plan for the Baytown Substation with five conditions. The motion carried.

Mr. Zeller asked about the other plan reviews and submittals. Administrator Isensee said that those projects had been approved at a staff level. He explained that the 1640 Riviera Avenue Addition in Lake St. Croix Beach involved a small addition on to a house in the Riverway area. This project required a variance for an increase in impervious surface, and was reviewed for erosion and sediment control.

Public Comment: none

Old Business

a) Board of Water and Soil Resources Clean Water Fund Grant Verification Results

Administrator Isensee described the 2017 Clean Water Fund grant applications that he applied for recently.

The first grant is for an updated subwatershed analysis for Lily Lake, and was for \$58,000 with a match of \$14,500. This analysis would incorporate the BMPs that have been installed since the last subwatershed analysis was completed. This project would also involve a civic engagement and stakeholder process to identify and develop projects that can take care of the remaining pollutant load reduction. The pollutant loading needs to be reduced by 2020 in order to avoid a more extensive planning process to improve lake water quality. Mr. Fellegly asked whether another grant application would be submitted in order to pay for upcoming large projects that Administrator Isensee was describing. Administrator Isensee replied that yes, a Clean Water Fund targeted implementation grant would be a good fit for those types of projects. Mr. Fellegly then asked about the source of the \$14,500 match funding in the grant that Administrator Isensee applied for. Administrator Isensee clarified that the match would be from in-kind contributions and may also merge with the current EMWREP budget.

The second grant that Administrator Isensee applied for was for a project in Bayport to improve the water quality of stormwater along Perro Creek. He said that after meeting with the City of Bayport and looking at the areas that will be part of this project, the City said that they were ready to go forward with this grant application and project. The project will be for \$63,000 with a match of \$15,750 from the City of Bayport. Administrator Isensee showed photos of water samples from Perro Pond and from Perro Creek, which demonstrate that the water from Perro Pond is fairly clear and that throughout Perro Creek, the water becomes loaded with pollutant-rich sediment. He said that the goal of the project would be to improve the water quality of the Perro Creek sample. Ms. Perkins asked what makes the Perro Creek sample dark in color, and Administrator Isensee said that the dark color comes from sediment, and that because sediment carries phosphorus, it is a good proxy for phosphorus levels in the water. Mr. Menikheim said that those photos would be a powerful talking point at the upcoming Lily Lake Association meeting.

6. New Business

a) Lily Lake CWF Grant Extension and Work Plan Amendment Request

Already covered; see above.

b) Brief Overview of Water Governance in Minnesota

GreenCorps Member Katherine McLellan presented on the various governmental agencies that manage water resources in Minnesota. She described the responsibilities and missions of federal, state, and local agencies. These agencies included the Environmental Protection Agency (EPA), the U.S. Geological Survey (USGS), the Board of Water and Soil Resources (BWSR), the Minnesota Department of Natural Resources (MNDNR), the Minnesota Pollution Control Agency (MPCA), the Minnesota Department of Health (MDH), the Minnesota Department of Agriculture (MDA), Soil and Water and Conservation Districts (SWCDs), Watershed Districts, and Watershed Management Organizations.

8. Plan Reviews/Submittals

a) 2016 Street Projects- Lake St. Croix Beach, Lakeland Shores, St. Mary's Point

Administrator Isensee told the Board that he had reviewed a large street reconstruction project for Lake St. Croix Beach, Lakeland Shores, and St. Mary's Point. The project did not qualify for volume control because it does not fully reconstruct the whole street, and is rather involves mill and overlay work. However, the project did trigger erosion and sediment control review. For drainage control, SEH is going to use swales because the area is so sandy and infiltrates readily. This technique has been successfully implemented elsewhere. The plan met all the requirements on its first submission, and was approved.

b) 1640 Riviera Avenue Addition, Lake St. Croix Beach

Already covered; see above.

c) Baytown Substation New Construction, Oak Park Heights

Already covered; see above.

9. Administrator's Report

Administrator Isensee asked if anyone had questions on the written Administrator's report that he had submitted. He mentioned that the MIDS grant is in its final stages, and that he is only still working on the project in Afton, Oak Park Heights, and West Lakeland Township. He mentioned that is also working on new designs in Stillwater as part of the Lake St. Croix Direct Discharge Phase I project.

Mr. Fellegly asked about the booth at the Washington County Fair. Administrator Isensee said that the WCD had a booth at the Fair with a water bar that featured water from various municipalities in the county. This activity stimulated conversation about groundwater and the various aquifers from which the wells draw water.

10. Adjourn

Mr. Fellegly moved, seconded by Mr. Menikheim, to adjourn the meeting. The motion carried, and the meeting was adjourned at 7:00pm.