

REGULAR MEETING
Minutes
October 20, 2022

1. CALL TO ORDER. A regular meeting of the Pioneer-Sarah Creek Watershed Management Commission was called to order by Chair Joe Baker at 6:00 p.m., Thursday, October 20, 2022, at Maple Plain City Hall, 5050 Independence Street, Maple Plain, MN.

Present: Mark Workcuff, Greenfield; Joe Baker, Independence; Brenda Daniels, Loretto; Caitlin Cahill, Maple Plain; Pat Wulff, Medina; John Tschumperlin, Minnetrista; Kris Guentzel, Hennepin County Environment and Energy (HCEE); Brian Vlach, Three Rivers Park District (TRPD); Andrew Vistad, Hakanson-Anderson; and Amy Juntunen, JASS.

Also present: Steve Bohl, BohLand Development, Charlie Wieverslage, Sathre-Bergquist, and residents Randy Stinson, Martha McCabe and Mary Johnson for Project 2022-12 Bridgevine.

2. AGENDA. Motion by Cahill, second by Daniels to approve the agenda* as presented. *Motion carried unanimously.*

3. CONSENT AGENDA. Motion by Daniels, second by Workcuff to approve the Consent Agenda as presented.

a. September Regular Meeting Minutes.*

b. October Treasurer's Report/Monthly Claims * totaling \$7,627.04.

4. OPEN FORUM.

5. ACTION ITEMS.

a. 2019-008 Adams Pest Control, Medina.* This project was reviewed and approved in 2019. Since then, there have been significant changes to the site layout plan, including an overall decrease in size. PSCWMO does not have jurisdiction regarding the eagle nest on the property but there would be a 600 ft setback required. In their findings dated October 6, 2022, Staff recommends approval with no contingencies. It is unknown whether the eagle nest on the property is still occupied.

Motion by Wulff, second by Cahill to approve project 2019-008 as presented. *Motion carried unanimously.*

b. 2022-012 Bridgevine, Independence.* Bridgevine Subdivision is a 28-lot 47.5-acre residential development. The developer is seeking erosion and sediment control approval for a preliminary grading permit prior to receiving their full development permit. The residential property is located within the City of Independence. The existing site contains a mixture of woodland, meadow, a tree farm, and row crops. The site is adjacent to and drains to Lake Independence located on the northern boundary of the proposed subdivision, and Pioneer Creek located to the west of the development. The site drainage is directed to the north, east, and west into three existing gullies/ravines. The Commission's management plan requires

compliance for Erosion Control (Rule E). In their findings dated October 7, 2022, Staff recommends approval with three contingencies: 1) Providing an acceptable solution to address the erosion occurring in the onsite northern Gully identified as GS46, 2) The developer acknowledges that future comments to address stormwater concerns may cause changes to the provided grading plans, and 3) The Developer agrees to and will comply with all requirements of the watershed organization and NPDES and takes full responsibility to assure that any measures required by them be completely satisfied.

The developer is prepared to move forward with grading at this time with the understanding that future comments may require changes to the grading and they are proceeding at their own risk. A 2013 area stormwater assessment identifies a gully stabilization on this property that could reduce approximately 15 lbs of TP per year to Lake Independence. Current plans to divert stormwater from the development to the existing gullies do not meet Commission requirements for non-degradation. This may be an opportunity for the Commission to assist with installation of above-and-beyond BMPs/gully restoration to improve flow from this property. However, the Developer must cover the costs to meet Commission requirements for water quality and volume. Bohl suggested scheduling a site visit to discuss options and review current status of ravines and erosion. Erosion may be reduced with development as runoff is directed to streets and stormwater pond rather than through drain tile to the ravines as it does currently. There is a conservation easement over the ravine with no grading or tree removal in that area. Revised plans must be received by November 8 to be considered for approval at the Commission's November 17 meeting.

Johnson noted that the City will likely base its approval on the Commission's approval of this project. The Commission will uphold watershed standards for any project.

McCabe expressed concern that one ravine drains through her property to the west. The development will reduce volume to the ravine by approximately 30% and that may reduce erosion to that ravine. She also inquired whether the development will have sanitary sewer/septic and individual wells. This is not within the purview of the Commission. McCabe also commented that the City replaced the culvert flowing to her property under Budd Street and it is now eroding quite noticeably.

Motion by Wulff, second by Daniels to approve project 2022-12 with three contingencies as noted above. *Motion carried unanimously.*

c. Olsen Manure Bunker CIP Application and Funding Request.* Guentzel is submitting a CIP application for this property on Pioneer Trail in Medina. The property houses 28 horses and currently has an open manure pile. The property drains to Lake Peter, which is impaired for nutrients. The application is for a 30' x 80' cement pad and four foot walls to allow manure storage for up to four months and to contain any runoff. The estimated cost for this manure bunker includes a 20% contingency due to the increasing costs of concrete. The total estimated cost is \$69,319 with the County and landowner each funding 10% / \$6,931.90, the Commission funding 25% / \$17,329.72 through CIP cost-share funds, and the Commission funding the balance 55% / \$38,125.45 through WBIF funding. The project expects to capture approximately 14 lbs of TP per year, understanding that not all 14 lbs would make it to Lake Peter. The cost per pound reduction on a 10-year lifespan is \$495, making it a high priority. This would be a project for spring/summer 2023. In the 2021 WBIF funding, \$35,000 was allocated to Spurzem chain BMPs, the remainder could be taken from funds

designated for Lake Independence. An O&M plan would be required for the project to ensure the bunker is used properly.

Wulff mentioned that this property already has a structure with a tarp cover on the north side of the barn. The previous owner of the property bagged and sold manure to locals and asked why that slab wasn't used for manure storage.

Guentzel was unsure if this is a private horse owner or a business for boarding horses. If this is a business, there is likely a Conditional Use Permit (CUP) associated with the property usage and may detail manure requirements. Commission funding should not be used to meet CUP requirements.

This item was tabled pending further information and will return at the November meeting.

d. McCombs Project Increased Funding Request.* This project was approved by the Commission in October 2021. The project was substantially completed in August. Due to weather delays in project scheduling and some issues during installation, the project had a cost overrun of 40%.

The Commission had approved the project at \$30,177 total project cost with a split of 10% each for the landowner and the County, \$16,987 from leftover Baker Park Ravine project CWF grant, and Commission contribution from CIP at \$6,035. The total project cost was \$42,356.67. The landowner is on a fixed income and was not asked to contribute any additional funding and is now at 7% of project cost. The County will increase its funding to \$5,377.59 or 13%. There is \$300 left in the White Wetland Restoration project budget that could be used.

The County is requesting the Commission to increase its cost share in this project from \$6,035. to \$16,897.72. This project is anticipated to capture 5.29 tons of sediment and 10.91 pounds of total phosphorus per year over a 10-year life cycle, directly improving water quality to Lake Independence. Even at the higher cost, this is still a great value project.

Motion by Cahill, second by Daniels to approve the cost overrun and new Commission share at \$16,897.72 with the TAC to determine the allocation between CIP and WBIF funds. *Motion carried unanimously.*

A TAC meeting was scheduled for November 29 at 10:00 a.m.

6. OLD BUSINESS.

7. NEW BUSINESS.

8. WATERSHED MANAGEMENT PLAN.

9. EDUCATION.

10. GRANT UPDATES.

11. COMMUNICATIONS.

12. STAFF REPORTS.

a. Engineer's Report.* Staff is working with the engineer for the Pioneer Highlands

development to ensure they're meeting all applicable laws and statutes. Project reviews for two new developments in Greenfield are expected soon. Windsong Golf Club in Independence has submitted a project review for expansion. The grassed waterway/swale cost-share with the County in 2019-2020 was done with the expectation that the property would be developed. The County only participated in a 5% cost-share. Vistad will request the O&M agreement for that project for review.

b. HCEE Report. Phone interviews for Paul Stewart's open position were conducted yesterday and today. This position should be filled in the next few weeks. HCEE equipment in Lake Independence had zebra mussels present when removed this year. The County has a Pledge Against AIS media kit that can be requested.

c. TRPD Report. Vlach expressed appreciation to Wulff and LICA for the zebra mussel photos. He commented that when there are too many mussels to count on the plate the only advantage in continuing to put them out is to detect population crashes or for your own amusement. The recommended "dry time" for docks is 21 days before moving from one lake to another. The dry time for boats is recommended at seven days.

Zebra mussels were found in Fish Lake in Maple Grove for the first time this year. TRPD staff is concerned that the next lake infested will be Lake Sarah given the amount of boat traffic. Plates will be put out in 2023. Once the infestation is lake-wide, it is too late to treat.

Since TRPD signed the agreement with the Commission to perform the Lake Independence TMDL for \$30,000, the TRPD watershed modeler, Amy Timm, left to work for MPCA. Although Timm's position has been filled, the new employee does not have extensive modeling experience. The modeling for the update will now need to be outsourced to another firm, such as Stantec. This will increase costs by \$10,000 for the modeling. The original TMDL was based on unit area loads based on land use rather than actual modeling, so a new model would need to be completed.

The Commission directed Vlach to obtain official quotes for the modeling from Stantec. There is still good value in moving this TMDL update forward. Wulff noted that LICA may also be interested in contributing to the modeling.

13. COMMISSIONER REPORTS.

a. Daniels announced that she became a grandmother again! Her fifth grandchild was born during the meeting.

b. Baker requested TRPD to do a cross-check survey of the weir at Lake Sarah. Paul Stewart wasn't able to update prior to his departure from HCEE and some markers weren't found.

c. Tschumperlin reported that the grocery store development is moving forward. A traffic study assumes that the city roads could handle the increased traffic for the store, although the Highway 7 intersection is a concern since it is a single-lane roundabout. The two big road projects have been approved for 2023 and will include replacing the water main. Bid requests will be sent out in January.

14. OTHER BUSINESS.

The **next regular meeting** is scheduled for December 15, 2022 at Maple Plain City Hall.

14. ADJOURNMENT. There being no further business, the meeting was adjourned at 8:21 p.m.

Respectfully submitted,



Amy Juntunen
Administrator
AAJ:tim

Z:\Pioneer-SarahCreek\Meetings\Meetings 2022\10 Minutes PSC.docx