

Lake Shamineau Lake Improvement District (LSLID)
High-Water Project Team Meeting
June 28, 2019

In attendance:

Cindy Kevern, LSLID Board Member

Terry Sandstrom, Lake Property Owner, Scandia Valley Township

Team Members not in attendance:

Rick Rosar, LSLID Board Member

Bob Ingle, Lake Shamineau Property Owner

Jim Dick, Lake Shamineau Property Owner

Chuck Ross, Lake Shamineau Property Owner

Ronald Carlson, Lake Shamineau Property Owner- flooded boathouse

Pam Carter, Lake Shamineau Commercial Property Owner- Shamineau Acres Resort

Commissioner LeMieur, Morrison County

Deb Gruber, Morrison County Administrator

Others in attendance:

Don Ogilvie, LSLID Board Member

Brian Ross, Widseth Smith Nolting Project Manager

Tim Bayerl, Widseth Smith Nolting Project Engineer

Others invited, but not in attendance:

Amy Kowalski, Morrison County Land Services

Shannon Wettstein, Morrison County Soil and Water

Mark Anderson, DNR Hydrologist

Cindy Kevern kicked off meeting. Attendees introduced themselves.

1. Updates:

- June 3rd LID accepted WSN Preliminary Engineer Report; Submitted to DNR soon after.
- DNR Grant Agreement was finalized on June 21 after being signed by LID
- June 24 – WSN began survey and detailed design work.
LID met with the OHW Group a couple of weeks ago. Another meeting was scheduled, but OHW Group representatives could not make it.
- Minnesota Public Radio tour was completed on June 13th.
- They have had 2-inches of rain in the area and lake is at a record high.
- WSN met with the Morrison County Technical Evaluation Panel (TEP) earlier this week.
- The Public Hearing on revisions to the establishment order for the LID is scheduled for July 18th.
There are a number of items that the LID would like adjusted. One is the County wants to charge the LID for any work they do for the LID. The LID will follow the new method for voting this year. The County wants the LID to use absentee ballots rather than a proxy vote. One

change the LID likes is the County will allow the LID to do bonding through the County for projects.

- Within the last month the LID sent a letter to property owners to announce the nomination process and schedule and to provide an update on LID activities.

2. WSN Update on Surveying and Preliminary Design by Brian Ross

- Update on the pumping of lakes in the Twin Cities. WSN contacted DNR hydrologist in the Twin Cities regarding Indianhead Lake in Edina and Shady Oak Lake in Minnetonka, which are both small acreage lakes. Brian presented part of the DNR permit for Indianhead Lake. The permittee is the City of Edina and they are only allowed to pump 9 million gallons at 1,000 gallons per minute for 30 days. They are pumping a block to the south to a stormwater catch basin which flows to Nine Mile Creek. Indianhead is a small lake of 120 acres. Shady Oak Lake wanted a 64 million gallon permit, but was only allowed to pump 50 million gallons, which would drop the lake 3 feet. The City of Minnetonka was able to get almost all of the 35 property owners to sign off on the pumping of this 160 acre lake. These are temporary permits similar to what the OHW Group has.
- WSN reported that they recently met Jim Dick in the gravel pit to conduct a field visit and discuss the infiltration basins. Tom Gold, Chris Renko, Dale Mashuga, and Tom Schuler were also present. They discussed the design for basins and explained the basins would be shallow with berms around the basins 3 to 4 feet high. There would be a 10-foot berm top that could be driven on and 4 to 1 side slopes that would be grassed with a native mix. Tom Gold took WSN on his land to visit the culvert between the main wetland and the shallow lake. It was flowing, but a beaver had partially plugged the channel with branches. WSN assisted Tom in clearing the branches. They are concerned about additional water going to this area.
- Tim Bayerl from WSN discussed lake depths along east side of the Lake Shamineau. We did survey in several points in the lake with the help of Don Ogilvie's boat. There are several areas where the needed depth of 8 feet were found.

3. Discussion of intake by all:

- Putting a pump by the lake will require 3-phase power be extended to pump structure. There is currently 3-phase power along Bugle Road.
- There was discussion on boring a gravity flow pipe to the ravine. Brian indicated there are issues with that because of two inlet structures and building a pump station next to the wetland. Generally OK from the TEP regarding potential wetland impacts. WSN will cost out this option as well.
- There was discussion of high water concerns downgradient from infiltration basins. Brian noted that Tom Gold was concerned if he would have to put in a bigger pipe. WSN will look at groundwater mounding as part of our design work as we don't want to create problems in areas downgradient of the infiltration area.
- There was discussion of noise from pumps at lake. WSN will find out more about noise from motors and pumps.
- Brian was asked about using Cattleberry Road. It is a Township road with a prescriptive easement of 33-feet.
- There was discussion regarding various route options.

3. Next Steps and Schedule

- WSN will look at best placement for pipe and cost out the different options. They have not selected any pumping locations yet.
- A possible pipe route may be required all the way to County Highway 2 and then follow that up to the gravel pit.
- WSN will explore the boring and gravity line option in more detail.
- July 6th Public Information Meeting will be to answer questions about the project if known at that time. They are not taking comments other than related to questions.

Meeting was adjourned. No meeting date was set for next meeting, but probably near end of July or early August.

Notes prepared by Brian Ross, WSN