

# Lake Shamineau High Water Ad-Hoc Meeting V2

October 22, 2016

St Cloud Perkins, 10:00 AM

*Present:* Bob Koll, Dale Williams, Cindy Kevern, Pat Held, Tim Swanson, Mike Fedde, Al Doree, Dave Graning, Jen Buckentine, Chuck Ross, Jacquie Rognli, Randy Kevern. Guest: Justin Klabo, AE2S

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## Meeting Notes

### Welcome/Intro

Dale Williams, chair of the High Water Committee, began the meeting by reviewing the agenda and discussing the purpose of the meeting. Introductions were made by each participant.

Dale noted that he had discussed with Bob Koll the involvement of the LID and Lake Association regarding the High Water Project. They had agreed that this project was important to the lake owners and will require the involvement of the LID, the Lake Association and the Water Committee.

Bob Koll, chair of the LID, noted that the LID has the funds and taxing authority to move forward with the High Water Study. He also felt it was important to explore whether there are things that could be done that would impact the high water problem and alleviate the damage to the lake owners. Bob stated that he appreciated the high attendance at the meeting so there could be a joint effort to complete the tasks.

### Discussion

Following were discussion points from the meeting:

#### 1. Update of work to analyze related to watersheds and Lake Shamineau relative to Inflows and Outflows

Bob Koll initiated the conversation by reporting about the culvert analysis that is in process of completion, and noted that the engineer at the County has been very helpful. Bob handed out some preliminary elevation data and reported that the County is not yet ready with the culvert report which will include an analysis of water flow which could be helpful information in determining a solution. Bob also mentioned that he has talked with landowners to the West of the Lake that are amiable to increasing flow out of or through their property. There is also discussion regarding a possible blockage to the flow out of the lake on the West end (Aztec Road) that may be a result of road or other work that was completed in the past. The West side of Aztec Rd. is a wetland and the ditch to the West drains toward US#10 and toward Fish Trap Creek.

There was general discussion of the flowage and lake level problem with the following points:

- The committee isn't aware of public information relating to drainage of Agricultural land and the impact drainage may have on Shamineau. There were questions about the extent of drainage of farmland in the eastern part of the watershed and what effect this drainage may have on water flowage into Lake Shamineau.

- There was much discussion regarding Aztec road and whether there may be some options to improve drainage out of the lake.
- There was discussion regarding the flow of the water coming in from the East which should be flowing to the West and South (CR 203). Justin Klabo, AE2S, provided a map showing the water elevations and flowage and provided some information regarding the water drainage to the South West through Lake Lena.
- We also discussed a culvert or pipe in the area of Daryl Ramey's, the former Tesch's Resort, to provide a better outlet because of the elevation readings, lower than Lena Lake.
- Justin Klabo also reported that to change or alter the water flowage which may include a control structure or added converts may be possible to complete with permits and working closely with the DNR and county officials.
- There was discussion regarding the issuance of an RFP to select a vendor to complete a water feasibility study and analysis. Bob mentioned that this study would be required to enable access to grant money for completion of any work. The group agreed that the study is important and should be completed as soon as possible.
- Bob also mentioned that he has made contact with the MNPCA so they are aware of the high water issue and the study that may be completed.
- There was discussion of the possible need to have 100% agreement of lake owners to make changes to alter the flowage. It was agreed that follow-up will be required with the DNR to better understand this possible requirement.
- It was also noted by the group that reaching out to the DNR and the County to work with them regarding any options or solutions will be key to completion of the project.
- Bob reported that he was attending a County Board meeting on October 25 to report on the LID budget, which includes funds for the High Water Study.

## **2. Volunteer Committee Members to check elevation Levels**

- It was noted that most of the information that is needed has been completed and that no further work at this time is required. The Soil and Water Conservation district will be completing their aerial photography elevations for the Agricultural Buffer Law and share the data with us within a couple of weeks.

## **3. Research annual rain and evaporation amounts as far back as available**

- It was reported that Al Doree has lake level information back to 1992 and Mike Fedde recently reported information in the Lake newsletter. It was noted that it will be helpful to consolidate this information for the analysis. Ken Zeik will also share his historical information on rain and evaporation as far back as available.

## **4. Volunteer committee to work on grants after completion of the study**

- It was agreed that grant work cannot begin until after the study and Bob noted that Nancy Hanson has experience with completing grants and may be very helpful to this process. We will also need additional volunteers to assist.

## **5. Seeking information regarding damages that lake owners have endured**

- There was discussion regarding the need to get as much information as possible from lake owners regarding the costs that they have incurred as a result of lake shore damage. This information can be used in seeking grants and in reporting to the County. Jacquie noted that she could develop a survey to send out to lake owners. It was noted that the survey will need to be mailed and to receive a high return an incentive prize (funded through the Lake Association) should be given. It was also

mentioned that it would be helpful to get pictures from the lake owners that shows the damage. Jacquie will work with Bob and Dale regarding the survey.

- Jacquie also noted that it would be helpful to update all of the Lake Association members on High Water Project by posting notes and other information on the website. Dale agreed to provide a summary of the High Water project to Jacquie for posting on the website.

#### **6. List of Engineering Firms for the Study**

- It was noted that Rick Rosar has contacted several contractors, (Justin Klabo, AE2S and Jeremy Walgrave, Limno Tech) and has developed an extensive list of possible firms with assistance from the DNR. Rick may also have information on a web site to post our RFP so Environmental Engineering firms can bid on our RFP.

#### **7. Volunteer Committee to work on the RFP**

- The group discussed the need to develop an RFP to select a vendor to complete a feasibility study for possible solutions to the High Water problem on Lake Shamineau.
- The group discussed that as part of the study, the vendor should be required to review and provide information on other similar lake projects and solutions that have been developed. The vendor should be required to have a discussion of the options with the DNR to get input to ensure there is buy-in. The study should include a review of all options including mitigation of water flowing into the lake, options for increased flowing out of the lake and options for pumping from the lake. It was also noted that the information already received from the vendors regarding scope of work could be a starting point for development of the RFP.
- If timing of funding for the LID is an issue, the Lake Association would be able to loan funds to the LID in advance of receiving revenues from the County.
- There was discussion about the requirements for posting of the RFP and structure. Bob noted that more information may be required from the DNR regarding these requirements.
- Cindy Kevern and Tim Swanson volunteered to complete an initial draft of the RFP.

#### **8. Group recommendation for moving forward**

- Tim Swanson made a motion to have the LID, with the input from the High Water Committee, move forward with the development of an RFP and selection of a vendor for completion of a study on the High Water problem on Lake Shamineau. The motion was seconded by Dave Graning and the group was unanimous in agreement.

#### **9. Next Steps**

The group summarized the next steps as follows:

- Bob will work with the County to receive the final culvert report.
- Bob and Cindy will follow-up with the DNR to better understand the requirement for 100% agreement for changed to the Lake flowage and to understand any requirements regarding the issuance of the RFP.
- Jacquie will work with Bob and Dale to issue a survey from lake owners regarding the costs that they have incurred as a result of lake shore damage.
- Dale agreed to provide a summary of the High Water project to Jacquie for posting on the website.
- Cindy and Tim will work on an initial draft of the RFP.
- The LID will work to finalize and issue the RFP, and select a vendor to complete an Environmental Engineering Study and a list of solutions.