

**CITY OF WOODLAND**  
**HORSESHOE LAKE COMMITTEE MINUTES**  
**MARCH 14, 2013**

The regular meeting of the Horseshoe Lake Management Committee (HSLMC) was held on the above date, at the Woodland City Hall, 100 Davidson Avenue, Woodland, WA 98674.

Chairman Tom Golik called the meeting to order at approximately 5:04 p.m. Roll call found the following:

**COMMITTEE MEMBERS:**

Tom Golik, Chairman  
Walt Church  
Mike Curry  
Terry Jones  
Francis Patnode  
Pat Rychel  
Jeff Sullivan (Absent)  
Neil Van Horn

**MAYOR/COUNCIL:**

Scott Perry, Councilmember

**STAFF:**

Jody Bartkowski, Secretary

**MINUTES**

The February 14, 2013 minutes were approved as presented.

**CONTINUED BUSINESS**

- A. Lake Pump.** Chairman Tom Golik read the response letter from the Washington State Department of Transportation (WSDOT) regarding pump output concerns. Discussion ensued regarding the fish exclusion zone, NOAA time frames, the WSDOT response being inadequate, and the Washington Department of Fish & Wildlife (WDFW) investigating further.

*Committee Member Van Horn moved to give Stacie Kelsey permission to go forward within her agency for support and then contact WSDOT regarding the Committee's wishes. Mike Curry seconded the motion. Motion carried unanimously.*

Further discussion ensued regarding current pumping records, the cleaning of screens, and the Lake outlet. Committee Member Walt Church made the following motion regarding the Horseshoe Lake outlet structure Standard Operating Procedures (SOP):

*The following will be the Standard Operating Procedure (SOP) for the Horseshoe Lake structure and related valve:*

*It is imperative that the Lake be maintained at the highest level, consistent with the elevation at the outlet structure as originally installed. The valve on the Airport side should be closed at all times except when the Lake is overflowing the outlet structure as originally installed or when CDID #1 is required to regulate the flow.*

1. *Maximum Lake elevation is necessary to help control the vegetation growth.*
2. *Lesser Lake elevation is not required to retard bank erosion since the passage of "5-MPH no wake" ordinance.*
3. *Solution to pollution is dilution.*
4. *Opening the valve on the airport side before water overflows the structure causes the Lake to lose water through the defective structure.*

*Any changes in this SOP must be submitted in writing to the HSLMC.*

*Committee Member Mike Curry seconded the motion.*

Discussion ensued regarding keeping the Lake water high enough to overflow the outlet structure, opening/closing of the airport valve, seepage through the Lake bottom, work done to repair leaks in structure around 2009, the location of various leaks in the structure, dye testing to find leaks, circulation, and action needed to have the valve closed.

*Motion approved unanimously.*

Council Member Scott Perry will contact Bart Stepp and follow-up with Council as necessary. Further discussion was held regarding re-grouting and leakage around the metal parts.

- B. Water Quality & Sampling.** Ms. Kelsey reported that the hand held hydrolab used for temperature testing, etc. is being repaired but should be back in service by the last week of March. She presented raw data from the lab and graphs showing results to date. The March tests result have not been received, testing for E. coli takes longer.

Discussed was held regarding low phosphorous levels in January and February, nitrogen readings being done in the WDFW lab, Department of Ecology (DOE) standards for allowable levels, low E. coli levels, variations in temperature based on the time of year, and oxygen levels being acceptable.

Chairman Golik requested the Committee review the hand-outs and bring comments to the next meeting.

- C. Decoys/Wildlife.** The Committee requested that this item be removed from the agenda.

- D. Budget.** Bart Stepp reported that the City now has a Memorandum of Understanding with Clark County that will allow them to submit payment of requested funds. Discussion was held regarding Ron Wierenga's e-mails about future funding and low E. coli levels. Scott Perry was thanked for his successful efforts in making arrangements to guarantee payment for March's E. coli testing.

- E. Goals & Priorities.** The following items were discussed:

- **Public Education - Lake Contamination Flyer.** Discussion ensued regarding a decision to distribute the flyer with utility bills, stormwater running into the Lake, and a City ordinance regarding oil on the streets. A 4<sup>th</sup> bullet will be added under Fertilize the Lawn, Not the Lake saying "runoff eventually ends up in a body of water".

- **Milfoil Eradication.** Ms. Kelsey discussed available chemicals and different vendors. Discussion ensued regarding support from WDFW, a required count of grass carp are in the Lake, treating by either carp or chemicals (you cannot do both), how quickly the process works, water contact following treatment, and creation of a test site. The Committee gave permission for Ms. Kelsey to continuing working with the Department of Ecology to make this happen.

**NEW BUSINESS**

- Mike Curry reported that a special events request for Lewis River Fall Fest was presented at the February Park Board meeting. Due to the inclusion of Duck Boat rides the Board tabled their action and requested a recommendation from the Horseshoe Lake Management Committee.

Discussion ensued regarding the path taken last year, the popularity of the event, and potential paths.

*Motion was made to limit Duck Boat trips during Lewis River Fall Fest to use of the north end of the Lake, allowing the boat to go around the buoy just past the welding shop, but no further south. Motion seconded and carried unanimously.*

Further discussion ensued regarding this event being a fund raiser for Scott Hill Park & Sports Complex vs. Horseshoe Park and Lake.

Council Member Perry reported that the Mayor and Council are going to be looking at grant funding, the possibility of approaching people for help, charging for the majority of events held in the Park, and increasing park event fees.

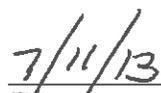
**OTHER**

- **Oxbow Lakes.** Ms. Kelsey reported that she is doing a literature review of oxbow lakes that she will be sharing with the Committee in May. Discussion ensued regarding best management practices and the definition of an oxbow.

**ADJOURNMENT**

The meeting was adjourned at approximately 6:25 p.m. The next regular meeting will be held Thursday, April 11, 2013, at 5:00 p.m. at the Woodland City Hall, 100 Davidson Avenue, Woodland WA 98674.

  
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 Tom Golik - Chairman

  
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 Date

  
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 Jody Bartkowski - Secretary

  
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 Date

