

Muriel Lake Basin Management Society
Meeting Minutes
Sunday August 29, 2021 @ 10:00am
Online Meeting via Zoom

Attendance: Peter Cordingley, Jeff Hlewka, Don Midgely, Tricia Fleming (LICA). No quorum. Audrey Michaud joined at 10:55am.

1. **Call to Order:** Called meeting to order at 10:05 am

2. **Additions to Agenda:**

6g. Creek 10 Old Trail-obstructs creek flow

6h. Possible blocked culvert on Hwy 657

6i. Winter oxygen monitoring for 2021/22

9a. Delete duplicate item- Riverwatch

3. **Review and Approve the Minutes of the July 18, 2021:**

Deferred to next meeting.

4. **Election of Officers:**

President - Peter to serve one more year as President

Vice President -Jeff to serve as Vice President

Treasurer - Position vacant, must be filled

Secretary – Audrey to serve one more year as Secretary

5. **Financial Statements:**

Peter presented Financial Statements. \$18,065.89. Less cheque in mail to Solstice for \$6,817.13. Estimation of \$8,200 more budgeted to spend on DEM project with \$8,000 more grant funds to come.

6. **Technical Committee:**

a. **Digital Elevation Model Surface Water Studies Phase 2.**

DEM project -Interim report is due September 1. – Submitted. Next grant payment is \$4,000 when approved.

Site 4- Site 4 has dried out. Alex from Solstice sent a map of sub-basin of 49 hectares which shows elevation, likely path flow. Peter C. sent Alex photographs for report. Estimate water held back from lake up to approximately. 5,500 m³ per year. Close examination shows the ponded area just to the West is cut from Site 4. This would be an extra cost to model. Work in progress.

b. **Restoration Plan – Ray Makowecki:**

Meeting held August 26. Ray Makowecki recommends we repeat winter oxygen monitoring again this winter. Ray proposes to develop project scope to aerate the lake. He feels some fish may survive at 2ppm. Proposal would be used to seek grant funds, external partners, etc.

Need power source and lake access. Lyall Kortzman to contact landowner at South East area. Project will cost \$xx,000. MLBMS would contribute the budgeted \$5,000 towards project. Apply for grants early 2022.

c. Orphan Well Association- Remediation at Creek 6:

No news to report.

d. Beaver Creek 10:

Property has been sold. Attempted to contact new owners via Real Estate agent with no reply. Tricia waiting for permit from Alberta Environment. Tricia reported she received some questions about justification regarding project. Project will not be completed this year.

e. OHV crossing- Creek 10:

Tricia put Peter in contact with Madison Rehm, Environmental Coordinator with the MD of Bonnyville. Madison has been working on a grant for Crane Lake who formally requested the MD of Bonnyville to build trails in that area. Discussed adding trails at Muriel Lake (creek 9 and 10). Madison decided this location wouldn't fit current grant due to possible multiple crossing points and jurisdiction (MD of Bonnyville says beach is not theirs, it's Provincial, Crown land). As well as possible risk assessment. (MD of Bonnyville doesn't want liability for injury or property damage at this location.) Suggested we seek other partners for project. Tricia reported Crane Lake grant application is now on hold due to Municipal Elections.

f. Creekwatch Program- Sample Program:

Peter attended sampling. Bug sampling equipment added. Last sampling date for 2021 will be September 1st at the South East bridge at 1pm. Questioned if sampling should be done at a different creek site for 2022.

g. Creek 10 old trail obstructs creek flow:

After discussion on OHV trail project, Peter C. asked Madison from the MD of Bonnyville to visit site to see where the old gravel trail (possible logging road) blocks creek. Which is possibly MD land. Culvert may need to be installed. Site visit on hold until Municipal Elections.

h.) Block Culvert:

Water levels in creek on East side of Hwy 657, North of Range Road 50, turnout looks higher. Jeff and Don to investigate and report to Alberta Transportation if culvert needs cleaning. Beaver dams are in the area.

i). Winter Oxygen Monitoring for 2021/22:

Same crew will be asked to do monitoring again this year. Jeff willing to join team and provide skidoo.

7. Communications Committee Reports:

- a. Website update: Justin Hlewka accepted Website Administer role.
- b. Facebook/Twitter: No updates. Creekwatch training to be posted. Solstice study to be added as well.

8. Membership/Fundraising Committee

- a. Bottle collection- in progress.
- b. AGLC application- Application in progress.

9. External Relations Committee

- a. **Riparian Assessment** – Project complete final report to be released. Tricia explained the results. Report includes what/how it was done. Pictures included. Report to be posted on the LICA website and a link to MLBMS website for reference.

-Wheels Out of Water Sign- Sign to be installed September 1. MLBMS has been given an extra sign from LICA, that can be installed at Creek 10.

10. AGM Post Resolution – Nothing to add. AGM went well. No picnic due to wasp infestation!!

11. Event Planning

- a. Future meetings; dates to be set. October 20 @ 7pm via Zoom.
- b. Highway Cleanup 2022. Will do project next year.

12. New Business: Nothing to add

12. Adjourn: Meeting adjourned by Peter C. at 11: 23am.