



Lac Ste. Anne and Lake Isle Water Quality Management Society (LILSA)

Executive Meeting

Oct 23/23 - 7:00 PM

In-person (Alberta Beach Municipal Office) + Online (Zoom)

In attendance:

| | |
|-------------------|-------------------|
| Bernie Poulin | Ray Hutscal |
| Kelsie Norton | Jenna Carter |
| John Cassano | Michael Findlater |
| Connie Stonehouse | Keir Packer |
| Debbie Durocher | |

Regrets:

| | |
|---------------|-------------|
| Kevin Lovich | Brian Brady |
| Tracy Friedel | |

Meeting started at 7:03 PM

Bernie P. provided a land acknowledgement.

1. Approval of the agenda

MOTION: Debbie D. moved the adoption of the agenda as presented, unanimously accepted - passed.

2. Appointment of Secretary

MOTION: Connie S nominates Kelsie N. to be secretary of LILSA. Kelsie N. accepts – passed.

3. Minutes Sept 18/23

MOTION: Ray H. moved the adoption of the Sept/23 minutes, unanimously approved – passed.

4. Financials

Bank Balance as of September 30, 2023: \$20,874.01

Motion: Debbie D. moved that LILSA pay Connie S. for postage and ink to the amount of \$71.96.

MOTION: Debbie D. moved to accept financials as presented. Unanimously approved – passed.

5. Drone Discussion

John C. connected with Maverick inspections. They have experience in completing rural inspections, stream exploration and flying drones with infrared cameras in search of groundwater. They're showing a keen interest in this project. They also provide other mapping services, such as investigating different concentrations of algae. One-day visit for just Lake Isle would cost ~ \$2-3,000 – which includes flying, data analysis and a research and development paper. They are open for a scheduled call to showcase technology and answer questions.

Bernie states that LILSA has enough funding to pursue a drone inspection project and that it's great utilization of municipal contributions. Legal action can be taken by summer villages as this issue is detrimental to lake water quality.

ACTION: John. C. will reach out to Maverick inspections to inquire about a presentation to LILSA next Monday @ 7 PM.

Questions for Maverick Inspections include but not limited to,

- How to detect groundwater vs seepage.
- Can we complete Lake Isle, Lac Ste. Anne and Birch Lake for \$10,000
- Have they investigated similar research completed.
- May need to be a repeated assessment to receive tangible results.

Kelsie notes ABMI's satellite BGA research and that this project could be accompanied with other sampling (water quality).

MOTION: *Bernie P moved that LILSA set aside a maximum of \$10,000 for the potential of the infra-red drone at LILSA, Birch Lake for 2023-2024. Unanimously approved – passed.*

6. Weir

Discussion around generating separate committees/working groups for 2024. Will be on the November agenda.

Discussion around sewage lagoon releases and how an adjustable weir would help flush the system. Darwell, West Cove, Tri-Village and Onoway lagoons are planned to hook up to a low-pressure sewer system that will connect to an engineered wetland near Onoway.

7. Outreach/Webpage Update

Noted that we should have another membership drive that can be promoted in a newsletter. LILSA isn't set up to receive payments for membership via the website, just e-transfers to email.

ACTION: Connie. S will update the membership form. Will upload to website when complete.

ACTION: Kelsie N. will develop a membership drive poster with QR code to website.

8. Round Table

Debbie D.: There's a Christmas event with AB Beach Museum on Dec 8 + 9, 2023. Putting together gift baskets. Requesting LILSA swag. LILSA agrees this is a great way to increase engagement and provide swag. Had an organizational meeting, Mayor is now Kelly Muir.

Connie R.: Need to review contact list for society information.

Keir P.: The culverts in Sunset Point were upgraded to larger systems to support storm drainage system, however there are issues with erosion and sediment being carried to the shoreline. Lots of water comes off golf course and lots and drains through sunset point. Will share engineer's recommendations update.

Kelsie notes that we need to slow and clean the water before it enters the lake. Adding more vegetation in ditches would benefit, the lack of non-permeable surfaces and non-meandering waterways creates a highway for the water, which in return degrades the banks and overall quality of the water entering the lake.

Jenna C.: In the process of developing a website, will be able to showcase data.

Kelsie N.: Should promote LILSA more by doing a swag giveaway, pick-up at Alberta Beach. Will add to November agenda.

Consider attending Sno Mo Days and have a table to giveaway communications and swag.

ACTION: Kelsie to connect with ALMS to get people out completing water quality sampling through their winter and summer LakeWatch Program.

Next Meeting Nov 28/23 In-person @ Alberta Beach Office + Online via Zoom

Adjournment @ 8:13 PM