



Lac Ste. Anne and Lake Isle Water Quality Management Society

Executive Meeting

Tuesday April 25/23 - 6:30 PM Zoom

In attendance:

Bernie Poulin - Chair

Kelsie Norton

Connie Rogan

Debbie Durocher

Uwe Brandt

Kier Packer

Michael Findlater

Kevin Lovich

Megan Thompson

Regrets:

Jenna Carter

Candis Scott

Sharon Beadle

Connie Stonehouse

Meeting started at 6:30 PM

Welcomed Hughie Jones, Environmental Director, Alexis Nakota Sioux Nation,
And Darren Jones, Councilor for Summer Village of Yellowstone

1. Approval of the agenda

MOTION: Kelsie moved the adoption of the agenda as presented. Unanimously approved – passed.

2. Approval of Minutes Mar 28/23

MOTION: Debbie moved the adoption of the Feb 28/23 minutes. Unanimously approved – passed.

3. Financials

March 2023 bank balance: \$19,004.75

Connie has issued invoices to all of the summer villages, and the Village of Alberta Beach.

Watershed stewardship grant is officially closed.

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

4. Date for AGM

Looking at August 12 (Saturday), 9:30am to 12:00pm.

ACTION: Debbie to book the Agliplex.

MOTION: Connie R. moved to accept the AGM date as August 12 from 9:30am to 12:00pm at the Alberta Beach Agliplex. Unanimously approved – passed

5. Brochure Distribution

Debbie has got the date for the next in-person meeting at the Council Chamber of Alberta Beach, Bernie will bring the brochures to the meeting for attendees to distribute in their communities.

Kelsie asked if the brochure stands can be shared.

6. Himalayan Balsam removal Alberta Beach boat launch

Don Davidson from Pigeon Lake is the expert and showed Keir and Bernie how to identify and remove Himalayan Balsam. LILSA should plan to remove it in June before it is in blossom.

Bernie requests volunteers, can Debbie also ask residents of Alberta Beach to volunteer? Keir volunteered to help. This could possibly be a garbage clean up as well.

June 17 is the suggested date around 10am, shouldn't take more than 1 to 1.5 hours with 6 people. Kelsie can make a poster to advertise the event.

7. Living Lakes follow up

The Foreshore Integrated Management Planning project was not funded by the Alberta Government's WRRP Grant, but they were encouraged to reapply. They may receive it in the fall.

Hughie - was this lidar on the riparian area? Kelsie - not lidar, but monitoring and biomonitoring in the foreshore, working with LILSA to develop best management practices and policy, plus a restoration project. They have done this work at Lac la Biche.

8. Restoration Demo Application

Debbie D. confirmed that Alberta Beach has agreed to proceed with the demo. Kelsie discussed this with Angela, but the application is due at the end of April (5 days).

Kelsie is coordinating the regional project. Kelsie can't complete the application, but will send it directly to Alberta Beach and hopefully Angela will fill it out.

7. Outreach/Website update

Michael was wondering whether to use an email system to better track and manage the LILSA communication list. This would apply to monthly newsletters or email to membership and contact list, manage and track new sign-ups, and provide a consistent format (between website, and emails, etc.). We could use this system to send out a notification for the Himalayan Balsam removal, for example. We need to confirm that people on the list agree to receive communications, and this would make that easier.

ACTION: Bernie will contact Connie S. for the communication list and forward to Michael.

MOTION: Uwe moved to manage the communication/subscriber list through Michael's company, Elastic Email.

8. Other

- Bernie hopes to post the jobs for the 3-member team for the mapping and digging of flowering rush for this year, starting June 1 ending August 31. Will work with Nicole Kimmel at AEPA to map the effectiveness of the spring at Lake Isle. Plan more work on Mapping Lac Ste Anne. Suspect there might be a clump of it at the mission site, and received permission to access the site. Would like to hire ANSN members if possible. Bernie plans to go at the end of May/early June to confirm that it is there, with plan to remove it mid-end of June.
- Some discussion of how the website was updated and managed, specifically visit statistics - Michael would like to explore this.
- Michael noted the different freeze this year, with more weeds on the shore than normal. Bernie noticed the same. May require removal, can be disposed of at the Silver Sands compost (behind the quonset).
- Note that the next meeting is on May 23, not May 30.
- LILSA received an email from Dan, with a background in nutrient management and agricultural impacts on water quality. Could attend a meeting in future.
- Kelsie asked Kevin about the Darwell Lagoon, where is the outlet? Kevin explained it is between Darwell and the tri-villages, is meant to help with the Darwell lagoon, which is an evaporation lagoon and is not keeping up, so connecting to the tri-village lagoon. Eventually they will connect south towards Silver Sands, and there may be hookups with residences. Bernie noted the conceptual report has been released and will be presented by Stantec at the association of summer villages on June 10. A low-pressure sewer line will go from the west side of Lake Isle all the way to Onoway, connecting to villages on the way, and ultimately a treatment wetland. On the other side of Lake Isle, it will extend only to Silver Sands, as Parkland County did not participate. This has the potential to improve water quality in the Lakes.
- Darren wondered about how to advertise the cleanup to part-time residents (in addition to posters), possibly some additional locations or on facebook. Debbie confirmed that by June 17, the part-time residents should see the posters. Debbie will look into additional locations. Darren can post on facebook. Kelsie will share the poster electronically and share on LILSA social media.
- Hughie explained that ANSN did water sampling last fall led by Jenna, mostly in Lac Ste Anne and Birch Lake, and compared the two lakes as Lac Ste Anne is more impacted by land use practices. Sampling included nutrient concentrations and heavy metals and have continued into the winter along with lake profiles and deployed sensors that can measure nitrate, pH, etc. The concentration of phosphorus is about 10 times higher in Lac Ste Anne, which was an interesting result. Analyses are being done at the BASL lab at the U of A, with specific sampling protocols in place. These results are consistent with previous data. Looking to potentially post this data online for viewing. Birch Lake has a much smaller watershed, drains into Lac Ste Anne, and the percentage of the watershed that is impacted is much less than Lac Ste Anne. Measurements were taken right at the narrows, at the bridge at Alexis. This spring, may install additional con-

tinuous water monitoring instrumentation, along with existing hydrometeorological instruments.

Kelsie noted that SRWA just finished a two-year sampling program, with interesting results for *E.coli* and pesticides. It would be good to compare those data and historical data, along with ANSN data. Hughie notes that it would be good to share and discuss data if possible.

Bernie asked how the program is funded. Hughie explained that they are proposal driven, either federal or provincial grants, with no core funding.

Next Meeting May 23/23

Adjournment @ 7:21pm