

LAHPOA Board of Directors
Tuesday, August 27, 2024
7:00pm Lake House @ LAHP

Directors: Rick Gallant Ryan McKimmie
Todd Brown Glenn Ruskin Jo Scott
Leslie Stadnick

Guests: Les Turner, community manager

Regrets: Brent Fraser

1. Call to Order & Welcome

Rick welcomed everyone and called the meeting to order at 6:55pm.

2. Approval of August Board Meeting Agenda

The following items to be added to the agenda:

- 6.4 Cellphone Lockboxes at the Lake House
- 6.5 Lake house door vinyl coverings
- 6.6 Condo Control System

Motion: Glenn moved to accept the agenda as amended. Seconded by Todd. Motion carried.

3. Approval of July Board Meeting Minutes

Motion: Jo moved to accept the July meeting minutes as circulated. Seconded by Ryan. Motion carried.

4. Business Arising from Previous Meetings (if not addressed within the Committee Reports)

4.1 Lake Management:

Jim Montgomery and his partner AI have reviewed all of our historical information and contacted Rick for clarification on what exactly the LAHPOA is looking for from them. Rick indicated we were looking for their expert opinion on whether the LAHPOA needed to conduct any additional monitoring to address the historical slope stability risk identified at the time the community was under development or whether they felt that 20 years of stable geotechnical performance was sufficient to deem the slope stability risk resolved. They committed to have a draft recommendation to the LAHPOA Board for review by the end of September.

4.2 Foothills County – sidewalks and south entrance cairn:

The County commenced stripping the old asphalt sidewalks that were identified for remediation, on August 21. It is still unclear if the County intends to excavate and replace all of the asphalt sidewalks identified for repair, or whether some sections will be simply milled and overlaid. Rick was able to convince the County to add a section on the Drive immediately south of the Close to the remediation scope. We will need to monitor this work very closely to ensure we are happy with the end result.

The County has tendered out the work to repair the damaged cairn at the south entrance and

have indicated the stone mason would be on site next week. They will also be replacing the damaged section of wrought iron fence that was attached to the cairn.

4.3 Sport Court Re-Surfacing:

Caliber Sports Systems are preparing to complete the re-surfacing of the sport court in September or October. The base color will be green with the pickleball court lines in white. The volleyball court lines will be yellow. Both courts will be of regulation size.

The community is responsible for the removal of existing tiles, pressure cleaning the surface and filling in any low spots.

Action Item: Les to confirm/finalize timing with Caliber so we have a week to remove the tiles and prepare the surface before they arrive to do their work.

4.4 VIZPin Troubleshooting:

The directive to circulate the VIZPin troubleshooting primer has been put on hold as the number of Vizpin user issues has dropped significantly.

4.5 Long Term Investments:

Rick and Ryan met on Friday August 2, 2024, to review the GIC purchase strategy. They agreed on the following GIC purchases which were executed as follows:

Tuesday August 6th

- a. Reserve Fund GIC Rollover GICs
 - \$320K maturing Sept 6th, 2024 (funds required for playground installation and Reserve projects in 2024)
- b. Water license Reserve Fund
 - 3 year \$220K GIC maturing August 6, 2027
 - 4 year \$300K GIC maturing August 6, 2028
 - 5 year \$130K GIC maturing August 6, 2029

Thursday August 8th

- c. Operating Fund Roll Over GICs
 - Took the \$140K maturing from the 5-month GIC maturing August 8, 2024 (@4.5%) and bought a 30-day GIC maturing September 7th, 2024

Action Item: Ryan and Rick to meet in early September to finalize the GIC roll over plans for the Operating account.

4.6 Heritage Isle Overland Drainage:

Rick received an email response from Vaughn Shears (WSP Canada) on August 1 indicating he had been in contact with their team in Calgary and that Mathew Bradley (Team Lead, Land Development and Municipal group in Calgary) would be in touch to arrange a site visit as time permits.

Action Item: Rick will follow-up with Mathew in early September.

4.7 Short-term Rentals:

The homeowner on the Cove, who was advertising their property on VRBO, was asked to remove

the feature of providing access to community assets. The homeowner advised that they would no longer be offering their property up for short term rentals.

Subsequent communications revealed that Foothills County has a bylaw prohibiting short term rentals within the county. With the County having this bylaw in place, there is no need for the LAHPOA to have a policy banning short term rentals within the community from accessing community assets.

5.0 Reports

5.1 Community Manager's Report – Les

- a. Divcon: A full reconciliation of all spring and summer tasks assigned to Divcon, along with all corresponding invoices has commenced. This reconciliation will confirm tasks completed, tasks to be completed, and a comparison of actual costs to budget.

Work continues on Unique Tasks identified as one-off projects, which are booked to the Reserve Fund.

- b. Herbicide/Fertilizer: Nutrilawn has completed their herbicide and fertilizer applications for the season. As this completes the final year of a two-year agreement, we will be issuing an RFP in the Fall for our herbicide and fertilizer needs in 2025.

Action Item: Les to meet with Nutrilawn to discuss their contract performance. Key messages are that we are happy with the fertilizer program but concerned with the weed control program. We appreciate that they were very willing to come back and address missed areas but we would like them to get the scope correct the first time.

- c. PLNT: Staff were onsite August 21 pruning trees and shrubs in the community. Spraying at the Lake House was postponed due to a lake house rental. PLNT staff and Divcon gardeners met to discuss plans for new developments for the 2025 budget.

Action Item: Upper pond tree pruning from the storm requires further work as the damaged tree has a large compromised branch that needs to be removed. Tree stump and anchor post needs be addressed on the Blvd curve.

Action Item: Tree on the berm at the Blvd curve requires attention from the County arborist. A large branch was damaged in the spring snow storm and is almost laying on the ground.

- d. Summer Staff: Prior to summer staff leaving for the season, we are having one-on-one end of season interviews.
- e. Time away: Les is tentatively looking to take a long weekend break from August 30 to September 2, with a return to work on Tuesday, September 3.

5.2 Treasurer's Report - Ryan

- a. July Financial Statements – circulated separately. Rick provided a quick update on the status of several Reserve Fund items.

b. Snow Removal Contract:

Our current snow removal contract with PLNT expires in April 2025. To get an understanding as to what our future costs may look like, we obtained the following data from Brad Bosch Landscape and Snow Removal. Brad Bosch is a company that specializes in commercial snow removal and is already working in the hamlet of Heritage Pointe.

Snow Removal Scope of Work	PLNT		Brad Bosch	
	November 1 - March 31		October 15-April 15	
Snow removal within 24 hours of the beginning of a snowfall on sidewalks and pathways. Community Manager to call to advise when snow event occurs. Parking lot plowed with blade; sidewalks with brush; walkways handheld/backpack blower/brush; other: shovel	Seasonal Cost		Seasonal Cost	
	\$23,100	\$4,620/mos	\$74,880	\$12,480/mos
Snow clearing of lake skating areas. Billed per occurrence	\$3,200	\$400/occurrence	n/a	n/a
	LAHP supplies Kubota and heavy equipment		Brad Bosch supplies all equipment	

c. Budget 2025: Les has commenced discussions with Divcon pertaining to amendments to the contract scope of work. Any amendments added for 2025 need to be itemized, captured in the 2025 budget and shared between both parties.

5.3 Hamlet of Heritage Pointe Collaboration Group – Rick
Nothing to report.

5.4 Heritage Isle Playground - Jo

- a. The old playground was successfully dismantled and has been stored on the east side of the Lake House beach. Rock Creek Builders and Divcon assisted community volunteers with this work. Rock Creek will be donating \$10,000 of their services as a donation back to the community and Divcon will be donating \$5,000 of their services.
- b. Gravel compaction has been completed by GPI, the subcontractor for Canadian Recreation Solutions.
- c. Irrigation re-zoning will be completed in conjunction with the landscape remediation after the playground installation is complete.
- d. GPI will be working directly with Jarvis Industries in re-locating the new playground to the Isle. Jarvis Canada Ltd to be thanked for storing the playground inside their warehouse and in their compound for almost 12 months. The relocation is planned for September 3.
- e. Hole drilling and post placement to commence the week of September 3.

- f. 10 volunteers have been lined up for September 6 and 4 for September 9. Six more volunteers required for September 9.
- g. Poured in Place rubber surface and landscape remediation to occur in mid/late September.
- h. Grand Opening and Community BBQ: late September or early October after the landscape remediation is complete.
- i. Draft recognition sign and safety rules in progress.

Action Item: Les to confirm the construction schedule with Ken.

5.5 Programs and Events – Leslie

- a. 2nd Annual Golf Tournament: Deadline to register for the September 19 community golf tournament is August 30. Tournament will be held at TVGC.
- b. Community Slow-pitch: Despite initial interest from the community, attendance was sparse, so this program concluded after only two ball games. Next year, there is talk of re-branding this program to a bocce league and/or tournament
- c. Summer Camps: 55 community youth participated over 5 weeks of summer camps. All program costs were covered through the registration fee of \$20/day.
- d. Luau and Campfire: A great turn out on August 20 as residents and guests enjoyed a day full of beach activities, shirt tie dying and smores over our new fire ring.
- e. 5km Run and Walk: the last summer staff led program was the annual 5km run and walk through the community. 20 residents of all ages enjoyed their Sunday.
- f. Happy Hour: 1st Community Happy Hour deemed a success. The next one scheduled for September 12th being held a little later in the day to accommodate more of the working crowd and possibly another for Octoberfest.
- g. Kids Halloween Lake House: Planning to start shortly – any new and brilliant ideas are welcomed.
- h. Off Site Events:
 - STASH Show & Shine – Thursday, September 19th
 - The Distinguished Gentleman’s Drive - Sunday, September 29th
 These are events open to our community – Leslie to pursue having them advertised on the residents’ Facebook page.
- i. Lending Library: the existing bookshelf and books located at the Lake House have been relocated to the upper level.

Action Item: Promote the Lending Library on community social media and consider expanding the size of library pending success of the program.

5.6 Safety and Security - Todd

- a. The Wi-Fi communication bridge from the south entrance security cameras to the Lake House failed sometime in the last few weeks. Convergent Technologies were called to help diagnosis the issue and recommend a long-term solution. The components in the junction box were identified as being extremely hot and may have contributed to the failure. Camera images have been recording on the local SD card system in the meantime.

Action Item: Determine if the Wi-Fi connection failure is related to the LH Wi-Fi system going down?

Action Item: Investigate options to reduce heat load in junction box.

- b. Several complaints have been received regarding speeding, failing to stop at stop signs and inattentive driving in our community. A request for speed surveillance and stop sign compliance was submitted to the RCMP but due to school zone monitoring, they will be hard pressed to monitor speeders within the community.

Witnesses may complete and submit a declaration for a rolling stop sign infraction and the RCMP will issue a ticket. The witness will be required to submit a written statement (declaration). If the ticket is challenged, the witness would have to appear in court.

Marquee signage has been updated to remind residents to slow down as school commences.

Action Item: Todd to create a PSA on speeding, school commencement and rolling stop sign infractions.

- c. Prowlers were recorded on residential cameras early evening of August 4th. There has been very good communication of the same on the HP Resident's Facebook group which has increased security awareness & preparedness.
- d. GateWorks completed their monthly PM in early August. During their inspection, they identified a malfunctioning magnetic lock at the north dock gate. This mag lock was replaced on August 26 at a cost of \$651.

5.7 IT + Communications - Jo

- a. Lake House Wi-Fi: Resetting the LH Wi-Fi has been delegated to our IT consultant.
- b. Lake House printer: Connectivity issues persist. Will work with our IT consultant at the same time they are engaged to reset the LH Wi-Fi.
- c. Treo Consulting has made some administrative changes to the back end of SharePoint and can provide access to privileges to Board members requiring them.

6.8 Architectural Guidelines - Brent

- a. Exterior Color Requests: a new form has been created, whereby homeowners seeking to

change exterior colors will be asked to submit color names, chits and codes prior to receiving approval.

- b. 187 HL Drive: a revised base stucco color, that is not a close match to 191 HL Drive, was submitted and approved. The re-painting has commenced with a darker “beige” tone.
- c. 28 H Quay: unkept front garden bed. A request to bring the front yard landscaping up to community standards has been forwarded to the homeowner. To date, the landscaping is still in non-compliance. A second request to bring to community standards has been delivered.
- d. 92 H Landing: upper deck extension reviewed and approved
- e. 12 HL Blvd: shed and hot tub installation reviewed and approved
- f. 28 HL Blvd: landscaping renovations reviewed and approved
- g. 91 H Cove: shed installation reviewed and approved
- h. 95 H Cove: shed installation reviewed and approved

Action Item: Les to provide clearer status information on the Architectural/Landscape applications requested for the Board.

6.9 Water Committee – Glenn Ruskin

- a. The Water Committee met at the Lake House on August 20. The majority of the meeting discussions centred on the lake water chemistry and oxygenation. A full summary of the meeting can be found in Appendix A of these meeting minutes.

Action Item: Les to work with Smoky Trout to obtain another detailed analysis of lake water chemistry and to determine if there are additional biologics treatments, over and above our base program, that could be applied when algae blooms suddenly appear.

Action Item: Les to request a raw water fill of 10,000 m3 from Blue Stream.

6.0 New Business

6.1 Dunbow Recreation Grant – Rick

A grant request has been submitted to the Dunbow Recreation Board to help cover the cost of the Sport Court Re-surfacing.

7.2 Parking Enforcement

In response to a resident’s complaint about an RV parking on the street, it was identified that our current rules state:

"No recreational vehicles, trailers or oversize vehicles shall be parked or kept on any subdivided lot (unless fully contained in the garage) or on the street adjacent to any subdivided lot for more than seventy-two (72) hours, without prior written approval of the LAHPOA. The LAHPOA will, following the issue of written warning to any property owner in violation of this restriction, apply

a fine of one hundred dollars (\$100) per day until the violation is corrected. Fines remaining unpaid will be applied to the homeowner's Annual LAHPOA Fees for collection."

There are several irregularities with this statement that should be reviewed.

- a. A request to the LAHPOA to exceed the 72-hour time period on a roadway is null and void as the HOA cannot supersede a County bylaw.
- b. The LAHPOA cannot enforce parking on a public road which under the county's jurisdiction.
- c. Levying a fine in excess of \$5.00 is very difficult, as the HOA cannot enforce anything in excess of \$5.00 per day under the Societies Act.

Recommendation: To adopt the following amendment pertaining to the rule of RV or oversized vehicles parking within the LAHPOA.

"No recreational vehicles, trailers or oversize vehicles shall be parked or kept on any subdivided lot (unless fully contained in the garage) for more than seventy-two (72) hours. The LAHPOA will issue a written warning to any property owner in violation of this restriction and will consider further action if necessary. If the infraction occurs on a street/roadway, the same restriction applies under a Foothills County bylaw."

Motion: Todd moves to amend the bylaw as recommended. Seconded by Leslie. Motion carried.

Action Item: Les to seek legal opinion as to whether the LAHPOA has the ability to levy financial fines for bylaw, rules and encumbrances infractions beyond those specified in the Societies Act.

7.3 Oxbow Development – Rick

Rick met with Jacquelynn Twarzynski and Paul Howarth, two residents on Dunbow Road living near the proposed Oxbow Development. In February 2023 Walton Development brought forward a proposal to Foothills County to develop 1,280 acres as a community with over 4,000 homes. The proposal was voted down by a vote of 4 to 3. Since then, the CMRB has been approved by the province and under its terms, only 640 acres can be developed at a time. Walton is planning to bring forward a revised development proposal for 2,278 homes (~7,000 residents) perhaps as early as this fall.

Paul and Jacquelynn have been meeting with Division 6 residents to explain their concerns with how this development is proceeding. Their primary concerns include traffic, schools and expanding Dunbow Road. Their view is that the County is not holding developers accountable for the infrastructure demands such a development would create putting the burden on county taxpayers. They have developed a website (www.foothillsdevelopment.ca) and would like us to pass on this website to our residents.

Action Item: Les to advertise the Oxbow Development through our social media channels.

7.4 Cellphone Lockboxes at the Lake House

Residents and guests who come to swim at the lake have expressed a concern that they do not have a safe location to store their keys/wallet/phones while they are in the water. Smartphones

are necessary to gain access into the lake area (VIZPin app) and residents are not comfortable leaving their valuables unattended.

Action Item: Les to order cellphone lockers, to be installed outside under the LH deck.

Action Item: Signage to state that residents to bring their own locks and that locks left on at the end of the evening will be cut off every night.

7.5 Lake House signage

The vinyl murals on the front doors of the Lake House are starting to weather and peel.

Action Item: Les to order new front door signage at a cost of ~\$450 provided and installed.

The LAHP sign on the Pine Creek Road requires remediation.

Action Item: Rick to look at touch up painting this sign.

7.6 Property Management System

Jo is researching a property management software system that would manage our residents' files. "Condo Control" has the ability to print reports and send emails directly to residents. Residents can complete/submit forms/requests directly through Condo Control.

Action Item: Rick, Jo and Les to meet to discuss the benefits/costs further.

8 In Camera

9 Next Meeting

Wednesday, September 25

10 Adjournment

Rick adjourned the meeting at 8:53pm.

Water Committee Meeting Information

Tuesday, August 20, 2024

1. Spin Casting Fishing Gear:

- Glenn has purchased 4 sets, including single hook lures
- Les to insert the equipment into our Equipment Sign Out inventory
- Equipment can be booked out by residents and guests 16 years of age or older
- A parent can sign these out for themselves and for their children under 16 years of age

2. Aeration Operation:

- 7 compressors have been rebuilt with 2 compressors replaced. Marked difference in the size of the diffuser plumes.
- Compressors were brought back into operation slowly, over a 5-day period
- All compressors and diffusers are now fully operational
- As per our operations maintenance schedule, the diffusers are scheduled to be cleaned in 2025.

3. Water Intake Screen

- Scheduled for July but postponed due to turbidity, probably postponed to Spring 2025.

4. Observation of Lake Water parameters

- Glenn received a detailed description from Max/Smoky Trout farms on aeration/temperature/oxygen transfer.

“There are several factors that affect temperature and dissolved oxygen in a lake or pond.

Ultraviolet radiation from the sun is absorbed by the water which heats it up. The clearer the water is, the deeper that absorption happens. In lakes with a significant number of algae, or really high turbidity (murky or tea coloured) the water will be very hot in the top foot of water (like split pea soup) and will be much cooler down deep, as the algae and suspended solids blocks absorption of heat further into the water.

Aquatic dye does the same thing, it blocks the absorption of UV light. This can help keep the water stay a few degrees cooler on average. It also helps restrict UV light to the bottom, which limits plant growth by reducing photosynthesis (preventing most weeds in areas of water deeper than about 2ft, and will lessen some algae overall)

Oxygen transfer happens in two ways in an aerated water body.

1) Oxygen is transferred into the water from the aeration bubbles rising from the bottom to the surface. The smaller the bubbles, the better the oxygen transfer efficiency. The more air that is pumped to the bottom, and rises to the surface, the more oxygen gets absorbed. Even though there is oxygen transfer into the water from those rising bubbles, this only makes up about 10% of the oxygen going into the lake when diffused aeration is being used.

2) The majority of the oxygen transfer happens on the surface of the lake or pond (90%). This is because the surface area of the lake is massively larger than the surface

area of the bubbles rising up from the bottom diffusers.

Aeration systems should be more appropriately named circulation systems. More of their effect comes from circulating the water body, rather than directly adding oxygen from the bubbles pumped to the bottom. Pushing air to the bottom through diffusers creates a significant amount of lift, moving water from the bottom of the lake up to the surface. The rising bubbles draw the bottom water with low oxygen up to the top, this displaces surface water with higher oxygen back down to the bottom, repeatedly turning the water column over.

This continuous mixing causes a break in the thermocline (temperature stratification). Once the thermocline is broken (the water temperature is more equalized) water mixes more easily. When you run an aeration system on a timer, it keeps this thermocline from fully breaking which will allow the water to stay a bit warmer at the surface and a bit cooler at the bottom.

In very well aerated lakes and ponds, you will have close to uniform temperature and oxygen levels from the top to the bottom in both summer and winter, because the water column is effectively mixed.

In non aerated water bodies, in summer you will have warm water on the surface, and cold water on the bottom. You will have higher oxygen on the surface with low to no oxygen on the bottom. Wind on its own is usually unable to break this thermal stratification and mix the pond or lake on its own. When swimming in a lake you can feel it when you dive in, its like bath water on the surface and much cooler 6-8ft down.

In aerated water bodies on a timer, the oxygen and temperature will be somewhere in between a fully aerated basin and a non-aerated one. It won't be fully mixed, but also won't be fully thermally stratified.

In winter things change, and with no aeration the temperature stratification flips. You will see colder water on the surface and warmer water on the bottom, but the oxygen will still be higher at surface and low to non-existent directly at the sediment layer.

Examples of temperature differential under different aeration conditions of a 20ft deep pond in the warmest part of the summer (these are just estimated levels for comparison)

- *Non Aerated: 28C surface, 20C mid depth, 10C bottom*
- *Fully Aerated: 24C surface, 23.5C mid depth, 23C bottom*
- *Timer Aerated: 26C surface 21C mid depth, 19C bottom.*

If you were to take the entire thermal load of the pond in each of these scenarios and add it up (in BTUs) it would likely be close to the same amount of 'heat' in each. The aeration system just determines where that heat is located (this is a generalization, there are other factors).

There are two main things that cause oxygen demand in a lake or pond (oxygen demand is what takes oxygen out of the water).

- 1) *the decomposition of organic matter (dead weeds, dead algae, dead fish, fish poop, bird poop, nutrients from runoff like nitrogen and phosphorus).*
- 2) *the fish themselves consume oxygen.*

The bacteria which break down (eat) the dead organic matter and nutrients typically use more oxygen than the fish. Most of this oxygen consumption happens on the bottom where that dead plant/animal material is. This is why both in summer and winter, in partially mixed (timed aeration) and non-aerated water bodies, the oxygen is always lower at the bottom than at the surface. The oxygen gets used up at the bottom much more quickly (higher oxygen demand).

In summer both the bacteria and the fish use more oxygen than they do in winter. Their metabolism speeds up with the higher temperature in summer, requiring more oxygen, and slows in winter with the cooler water, needing less oxygen.

This is why in winter even with far less of the lake surface open because of the ice, you can still get enough oxygen transfer to keep the fish alive. At that time of year you have much less oxygen being absorbed into the water (less water is exposed to air at surface to transfer oxygen) but also less oxygen is being used up (the fish and bacteria breaking down organics have a slower metabolism and are consuming less).

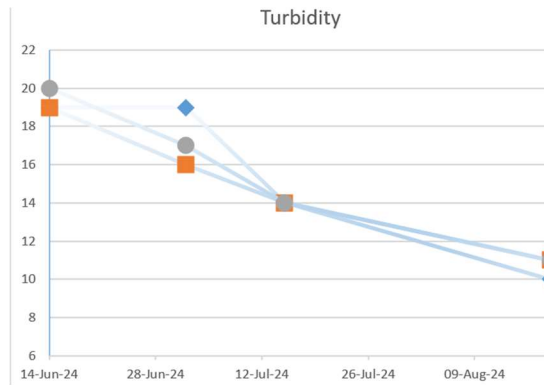
The one final thing that affects all of these variables, is the water temperature itself and how that relates to its ability to hold oxygen (saturation point). The water's ability to hold oxygen is inversely related to temperature. In really cold water, the oxygen saturation point is very high (it can hold a lot of oxygen). In really warm water the oxygen saturation point is very low (it can't hold very much oxygen). This is the root of the issues in mid summer. The water is at its warmest point and holds the least amount of oxygen, and the things that consume oxygen (bacteria and fish) are using it at their highest rates.

Running the aeration 24/7 will add the most oxygen, but it will also keep the temperature fully equalized and if that level gets over about 24.5C-25C you will start losing fish if they have nowhere to go with cooler water. Not running the aeration system at all will keep the temperature hot at the surface and cool on the bottom so you will have good temperature in the middle and lower depths for the fish, but the oxygen will typically be zero at the bottom and may or may not be high enough in that middle range of depth to keep the fish alive. If dye is used, this can in most cases allow the aeration to stay running full time. In smaller ponds sometimes a fountain is also needed.

Having the aeration system on a timer can in some cases give you the benefit of having moderate to high temps in the middle depths (20C-22C in mid summer for example), with moderate oxygen so the fish are safe from high temperature stress. Using timed aeration is really site specific, where we need to know the age of the water body, the size of the aeration system and how long it has been installed, the fish loading. Regular temperature and oxygen testing are helpful to be able to adjust. Using dye with timed aeration will give you a bit more of a buffer in keeping the water a

few degrees cooler, so that you can run the "ON" cycle longer, allowing more oxygen to be added without increasing the temperature to where it causes the fish stress.

- Turbidity Levels:

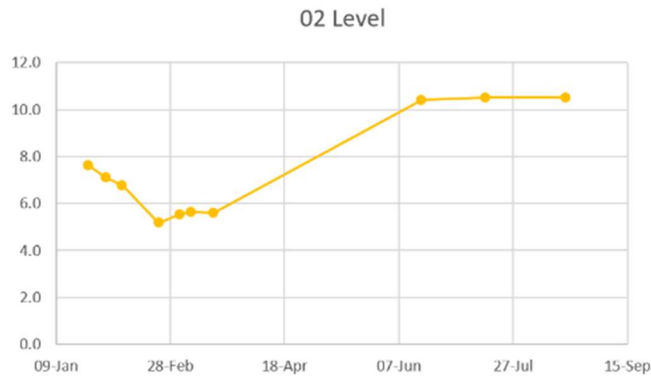


Algae observations: Blooms are “clumpy” and worse than last year.

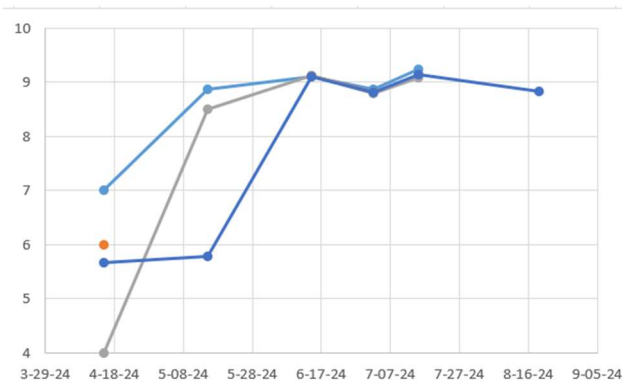
Action Item: Glenn to inform Max that our algae growth is greater than expected.

- Should we be increasing our biologic application or changing the biologics?
- What chemicals work best for the algae present at LAHP?

- Oxygen Levels:

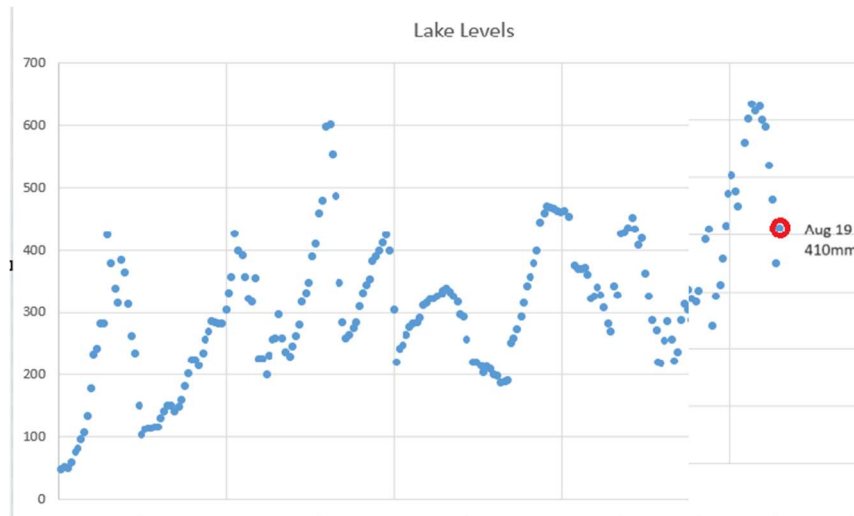


- pH:



The average of the Bow River pH is 8.4

- Water Levels

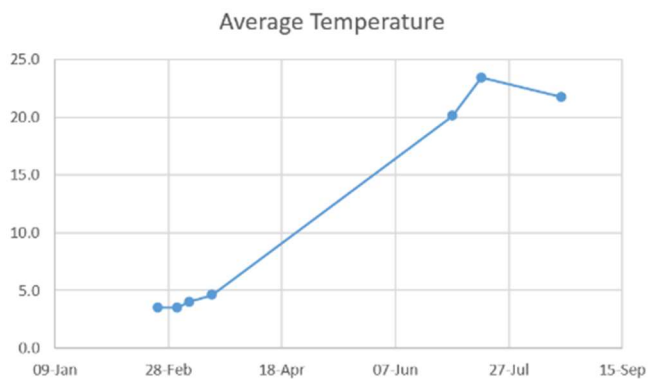


Bluestem (formerly Corix) delivered 15,000m³ of raw water between August 15–19. For every 10,000m³ of water, the lake will rise approximately 100mm (excluding irrigation withdrawals and evaporation).

Lake Filling Considerations:

- Current level
- Weather (precipitation projections)
- Irrigation demands
- Oxygen levels
- Temperature
- Pre-freeze up
- Loon nesting period (rising water could take out the loon nest)
- Status of the Bow River

- Temperature Levels:



- AHS Water Testing: We are current with our AHS water testing schedule. Lake water quality has tested “negligible” for bacteria, so AHS has advised that we only need to test bi-weekly. The last test of the season was on August 19.

5. Application of Biologics

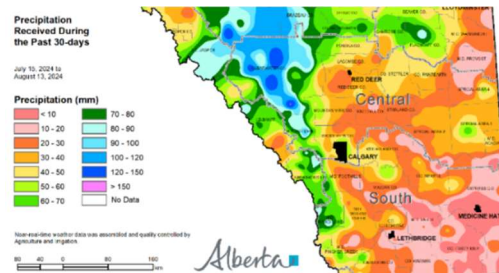
- We are on schedule with our biologic application plan.
- The last prescribed application of the season will be September 1.

6. Fish Report:

- Fall re-stocking to include 588 rainbows (each averaging 1.5lbs) at a cost of \$6,300
- Re-stocking date to be determined.

7. Soil Moisture:

As of August 13, 2024



8. Wildlife Watch:

Further to previous reports from the Spring of a rodent near 52 HL Shores, Jim reports seeing a small muskrat swimming in "Waterfall Bay" earlier today.