Annual General Meeting (via Zoom) Lake Barron Citizens Association Thursday November 2, 2023, 7:00 p.m.

Minutes of Meeting

Attendance: See Appendix 1 for list of those registered and in attendance.

- 1. **Opening of meeting by President:** Heather Anderson opened the meeting on behalf of the Leadership Committee: Heather Anderson, Tyler Hall (absent), Denyse Tremblay,
- 2. Welcome and introduction of current leadership team: Heather Anderson, President; Tyler Hall, co-President; Denyse Tremblay, Treasurer.

Committee Leads:

Boating & Safety: Diane Drury Environnent: Suzanne Guerin, Flaurie Storie Social: Adrienne Hindle Zone Reps: Heather Anderson Communications: Lois Pohlod Welcome Kit: Denise Arseneault

- 3. Adoption of LBCA previous minutes AGM (Oct. 28, 2022):
 - **Motion 1:** To adopt minutes of the 2022 AGM as circulated: Moved by: Diane Drury Seconded: Joseph Amiel. Carried.
- 4. Adoption of Final Agenda: (Appendix 2)
 - There were no changes to the Final Agenda
 - **Motion 2**: To adopt the 2023 AGM Agenda as circulated: Moved by: Joseph Amiel. Seconded: Diane Drury. Carried.

5. Leadership Report by Heather Anderson

Review of Gore Council meetings (attended by Heather Anderson):

- Listing price for Lake Barron houses increased more than 70% in 2022.
- Creation of a Local Heritage Council (CLP) by Gore to protect local sites of historical interest.
- Joseph Amiel mentioned that the Regional Evaluator will be blitzing the lake to update their records. Due to so many new builds, the home assessments are considerably behind.
- Association of Gore Lakes:
 - Over 19 lakes represented; meets every year to discuss common issues.
 - It is worth it to note that the lakes in this area have both common issues and unique issues.

LBCA Team:

- We have a dedicated team of volunteers, a very small team.
- There are 269 residences around the Lake.
- More help is required for this team to continue to make sure our Lake is protected in the future.

6. Treasurer's Report by Denyse Tremblay: (Appendix 3) REVENUES:

- Total members: 94
- Total residences around Lake Barron: 269
- Ratio: 35%

EXPENSES:

- Festival (East-West Crossing) Toilet for event = 252 \$
- Promo Merchandise:
 - Revenue = 1375 \$
 - Expenses = 1475 \$

Membership Fees = CRE Laurentides: 344 \$

Accounting fees:

• Income tax reports = 482 \$

COMPARISON TO 2022:

- There are 269 residences on the lake with 35% membership vs 39% in 2022.
- Promotional items are still in stock to be sold, so this amount may change.

NOTE: see appendix 3 for the statements

7. Adoption of the Financial Statement:

Motion 3: To approve the Financial Report as presented and circulated. Moved by: Heather Anderson. Seconded by Suzanne Guerin. Carried.

- 8. Social Committee by Adrienne Hindle (presented by Lois Pohlod):
 - 1 event held this year: East-West Crossing non-motorized boating/ swimming event on August 5 at 9 a.m.
 - Crossing was attended by approximately 40 people.
 - Merchandise sale of towels, T-shirts and mugs was slower than last summer. There are still products available to purchase from Adrienne.
 - There are plans to hold the Crossing event next summer, perhaps mid-August.
 - The Margaret Cooke film is being translated into English so there may be an opportunity for another film night.
 - As mentioned last year, Adrienne explained that the Regatta requires more volunteers and is harder to organize so will be on hold for now.

9. Zone Reps by Heather Anderson:

- This is one of the most important links to our members and residents delivering information and welcoming people to the lake.
- Having a rep who lives in the zone is a great way to get new members to the LBCA.
- Thank you to all the Zone Reps for updating their residents' lists, distributing Welcome Kits, information sheets, and encouraging membership.
- Urgently needed are Zone Reps for the: Cambria; My Estate; Rue B&B Zones.

10. Communications by Lois Pohlod:

- E-Blasts are now being prepared and sent by Campaign Monitor. We have 302 people on the E-Blasts mail out list. This new system costs \$9 per month but is much easier than the old system we had. We can monitor bounce backs and numbers that click and open the emails.
- E-Blasts were sent monthly from May to October. Plan is to try and send by-monthly during the winter months. Thank you to Tony Laffin for his help getting this project going.
- Facebook group is monitored for member requests, postings by members.
- Many E-Blasts sent, Facebook postings and Gore Express submissions this year.
- Thank you to Lilianne Lord for her work translating the Lake Barron Code of Conduct. She has also updated the French <u>www.arlb.ca</u> website.
- Goal is to update the English website this year. Lois and Lilianne will be doing this.
- Need more volunteers to do these tasks (Facebook admin, writing submissions, emails, etc.).
- Lily Perry and Joseph Amiel offered to help with communications. Lois will contact them.
- Comments: people did like the new e-blast Campaign Monitor system.
- Post meeting: Remi St. Laurent and Josée Beauparlant volunteered to help.

11. Environment by Heather Anderson & Suzanne Guérin

- Plant Survey was done once again with volunteers: Lake perimeter surveyed for underwater plants with special attention to Boat Launch area. No invasive or suspicious aquatic plants identified, but there is a great deal of algae along the shoreline. We need to keep an eye on this.
- Heather McCullough from Lake Hughes has once again helped to lead this project on our lake, the plan is that eventually Lake Barron residents will take over most of this work.
 - A letter of thanks and a gift certificate should be sent to Heather Mccullough to thank her for her work at the lake this past year. Heather Anderson will take care of this.
- Richère Deziel noticed filamentous algae throughout the lake to be more present than in previous years. This will be followed up on the lake next year.
- There are two binders with info on existing and invasive plants around LB and the Laurentians available for members to review on request. (email: president@lbca.ca)
- Gore tested the streams at the West, Birch and Halbert inlets for phosphorus which can feed Blue-green Algae and results were good.
- A protocol for quickly identifying an invasive plant and a plan of action has been developed for the Lake by Heather McCullough of Lake Hughes.
- Shoreline Inspection by Gore: no shoreline inspection this year, it is planned for 2024.

Water Testing Results (presented by Heather Anderson and Suzanne Guerin):

Please see attached results (appendix 5) for the graphs presented during this meeting.

- When looking at the results, don't be overwhelmed look at the colours.
- It is normal that lakes will age over time, but how fast it happens depends on nature and human activities such as boating, shoreline maintenance, use of chemicals.
- The orange-red colours on the graphs shows less oxygen, changes we do not want to see happen.
- Worse result is the transparency. This year there was lots of sediment in part due to the heavy rains. Lots of sand and material drained into the lake. It would appear climate change with contributing heavy rain is affecting the clarity of the lake.
- While things are still in a good state, we must be careful that things do not worsen too rapidly.
- Suzanne reported that the RSVL biologist had notified her of elevated chloride levels last year (2022), but these levels are back to normal this year. Causes could be runoff from salt on the roads, spas being emptied.
- What do private roads use in the winter to increase traction? Continued surveillance is necessary. Suzanne added that more education is needed to inform residents about shoreline protection.
- Thank you for Walter McNicholl and Phillipe Valiquette for their help with transportation for the water testing.

Potential causes of deterioration of the lake shown in water testing:

- Erosion of the shoreline
- Non-conforming or inadequate septic systems
- Use of cleaning products that are non-biodegradable.
- Overdevelopment along the shoreline
- Wake from motorboats erode the shoreline.
- Rising water temperature because of climate change
- Introduction of chemicals into the lake such as firework debris, treated wood on shoreline, painted structures.

Actions to consider:

- Awareness campaign on the use of bio-degradable products.
- Petition Gore- increase the number of environmental inspectors & fines.

SEPTIC REPORT

- First time we have received the detailed report shown in Slide 20 and Appendix 5_
- The fact that 32 systems are in immediate need of attention around the Lake is concerning. In 2011, the Association had a speaker to inform residents about a lake quality that is affected by poor septic systems. And Remi St. Laurent mentioned that notices were sent to people to remind them to clean their septic when due. (Remi)??
- It was decided that a Septic committee should be formed to discuss this issue with Gore and perhaps put pressure on Gore to increase the number of conforming septic systems

as soon as possible. Need a Committee (Lead: Richère Deziel and committee is Suzanne, Diane D. & Joe) to pressure Gore to increase the number of conforming septic systems.

- Money was spent by Gore in 2018 but not enough has been done.
- The county does send letters to owners who have not regularly empty the system. Normally done every 2 years. But for part time it is 4 years.
- The system exists to follow-up in MRC. But it is not a good system to remind people when the cleaning is due.
- Danielle Parent mentioned that Argenteuil has measures in place for dealing with septic issues and they should be utilized.
- **ACTION:** Richère Deziel has volunteered to lead this committee as well as Suzanne Guerin, Diane Drury, and Joseph Amiel.

12. Boating & Safety by Lois Pohlod (Buoys) and Diane Drury (Boating & Safety):

• **Buoys** - lights on in spring; off in fall. There were no losses or damage to buoys this year. No buoys were added. Thank you to Luc Lavoie, Steve Pohlod, and Lois Pohlod for their work on the buoy committee.

Boating & Safety:

- Boat permits issued this year were 125; 118 in 2022. 10 permits to Seadoos. Only 8 daily permits given out (4 of them to same boat).
- Lake Barron Code of Conduct form will be added to the Boating Permit application in 2024- all permit holders must pledge that anyone using their boat will have the proper training (e.g., Have the PCOC).
- New By-Law in 2024 on cleaning boats with fine of \$500. The Boat Cleaning station is in place at the Environment area and seems to be working well.
- Good relationship this year with Gore meeting regularly with the Boating Committee members (Diane Drury and Joseph Amiel).
- Gore promises to get the Boating and Safety information of the Lake into the Gore Express in May 2024 before the season.
- Issues at the Municipal Boat Launch included lock being broken at least 7 times; a family partying at the dock (this is not permitted by Gore By-Law- launch only at the dock).
- Better security is still needed.
- As per previous discussions, the LBCA does not have sufficient volunteers to take over the municipal boat launch.
- Anyone renting their property will have to sign the Code of Conduct and all rentals must be minimum 1 month long.
- The SQ patrolled the lake on 3 occasions this year and 3 boats were escorted off the lake for reasons unknown to LBCA.
- Gore issued 3 tickets (\$300 each) for missing boat stickers.
 Danielle Drury, Joseph Amiel and Heather Anderson will stay as Boating Committee and Lois and Steve Pohlod will continue with Buoys.

13. Fishing Information:

Fish Stocking: A Permit is required to stock from Min. de l'environnement du Québec.

- Sanctions in place for stocking without a permit.
- Lake Association along with Gore must make the decision to stock.

Risks of stocking the lake:

- Rainbow trout are invasive they eat other fish and their eggs they are a threat to native trout. Non-native trout could spread disease, parasites, could migrate to other lakes, and they could be in competition with native fish for food sources.
- Sterile trout are used for stocking lakes but 15% risk they are not sterile.

ACTION: Need to engage Lake Barron Fishers: your input and assistance is needed to make an informed decision on applying for a permit to stock Lake Barron.

14. Nominations and Renewal of committee members:

Nomination to the Leadership Committee:

Danielle Parent was nominated by Heather Anderson to be on the Leadership Committee. Danielle's bio:

- Lives full time on Birch.
- Retired City Councillor of Lac Millette
- o 22 years on Lac Paul Association Board of Directors
- Abri-Nord Board of Directors
- Danielle Parent said that having a large leadership team it is not needed but it is important to have many people on committees that work well together.
- Lois clarified that the Leadership approach was to share the responsibilities of leading without burning anyone out.

Motion 4: Nominate Danielle Parent to the Leadership (Board of Directors) of the Lake Barron Citizens Association. Moved by: Heather Anderson, seconded by: Diane Drury. Carried.

15. Other Business: Future of the LBCA/Goals for 2024:

In-person meeting for 2024: All were in favour of meeting in person and having a Zoom simultaneously. Discussion of dates for a spring meeting. Concern that part-timers should be able to attend so too early would prevent this. Suggestion that a survey be sent out to residents with suggestions of dates for a Spring LBCA meeting. Some proposed dates: July 1 seen as too busy a weekend; June 15.

What is the future of the LBCA?

NOW: Surveyors of lake environment: Water quality, boating safety, social activities, teamwork with Gore and other lake associations, communications, education.

THE LBCA IS IMPORTANT. HOW CAN WE...

- Recruit more volunteers for the association?
- Increase membership & have most residents involved in lake issues?
- Improve media communication, with updated website, social media, etc.?
- Improve environmental efforts? What are potential new directions?
- Continue work, increase our voice with Municipality?
- Develop plan to improve boating situation?

Questions and comments:

- Joseph Amiel suggested that committee heads are invited to the Leadership meetings to offer their support and suggestions to the Leadership committee members for those relevant topics being discussed. This will help others get on board.
- Heather suggested that people could join in activity such as the Water Testing and Plant Surveys to see what it is all about.

16. Call for Volunteers: LBCA cannot continue without more help, please volunteer now. Email president@lbca.ca

All Committees need volunteers:

• Leadership: Heather Anderson, Tyler Hall and Denyse Tremblay will remain on Leadership.

Danielle Parent was nominated and approved by membership to be on the Leadership committee.

- Zone Reps: Heather Anderson
- Boating & Safety: Diane Drury and Joseph Amiel, Lois Pohlod
 - Environment: Suzanne Guerin, Flaurie Storie, Heather Anderson
 - o Septic: Richere Deziel, Joseph Amiel, Suzanne Guerin, Diane Drury
- Social: Adrienne Hindle
- Communications: Lois Pohlod, Lily Perry, Joseph Amiel, Remi St. Laurent and Josée Beauparlant

Thank you to all new and renewed volunteers.

17. Other Business: Questions:

- Joseph Amiel mentioned that property inspectors are visiting residences in Gore.
- The LBCA should be taking over the plant survey from Heather McCullogh of Lake Hughes.

18. Call for Adjournment: 9:02 p.m.

Motion 5: to adjourn meeting. Moved by: Diane Drury. Seconded by: Joseph Amiel. Carried.

Summary of Motions:

- 1. Motion 1: Adoption of LBCA previous minutes AGM (Oct. 28, 2022) Motion to adopt minutes of the 2022 AGM as circulated: Diane Drury, Seconded: Joseph Amiel. Carried.
- 2. **Motion 2: Adoption of Final Agenda**: Motion to adopt the 2023 AGM Agenda as circulated: Joseph Amiel, Seconded: Diane Drury. Carried.
- 3. **Motion 3:** Motion to **approve the 2023 Financial Report** as presented and circulated. Motion by: Heather Anderson, Seconded by Suzanne Guerin. Carried.
- 4. **Motion 4:** Nominate Danielle Parent to the Leadership (Board of Directors) of the Lake Barron Citizens Association. Motion by Heather Anderson, seconded by Diane Drury. Carried.
- 5. **Motion 5: Call for Adjournment:** 9:02 p.m. Motion to adjourn meeting. Moved by: Diane Drury, Seconded by Joseph Amiel. Carried.

- 6. ACTION 1: Septic System committee: Richere Deziel (chair) with Joseph Amiel, Suzanne Guerin, Diane Drury
- 7. ACTION 2: Need to engage Lake Barron Fishers: your input and assistance is needed to make an informed decision on applying for a permit to stock Lake Barron. Suggestions that this question be posted to Facebook, sent out in an e-blast?
- 8. All Committees and current volunteers : Leads to contact their volunteers to plan.
 - Leadership/Direction Heather, Tyler and Denyse will remain on Leadership. Danielle Parent was nominated and approved by membership to be on the Leadership committee.
 - Zone Reps de Zone: Heather Anderson (lead)
 - Boating & Safety/Bateau & Sécurité: Diane Drury (lead), Joseph Amiel, Lois Pohlod
 - Environment/Environnement: Suzanne Guerin, Flaurie Storie; Heather Anderson,
 Septic: Richere Deziel, Joseph Amiel, Suzanne Guerin, Diane Drury
 - **Social**: Adrienne Hindle
 - **Communications:** Lois Pohlod, Lily Perry, Joseph Amiel, Remi St. Laurent and Josee Beauparent.

Appendix 1: RSVP & Attendance:

Removed for website.

Appendix 2: Approved Final Agenda (motion 2)

Annual General Meeting (Zoom) of Lake Barron Citizens Association Thursday November 2, 2023 7:00 p.m.

Agenda

Zoom Link: https://us02web.zoom.us/j/83997692088

- 1. Opening of the Annual General Meeting by the President: Heather Anderson
- 2. Welcome and Introduction of current LBCA Leadership Team
- 3. Adoption of the previous minutes (LBCA Annual General Meeting Oct. 29, 2022)
- 4. Adoption of the Final Agenda
- 5. Leadership Report: Heather Anderson
- 6. Treasurer's Report: Denyse Tremblay
- 7. Adoption of the Financial statement
- 8. Environment Report: Suzanne Guerin, Heather Anderson
- 9. Social Report: Adrienne Hindle
- 10. Zone Representatives Report: Heather Anderson.
- 11. Communication Report: Lois Pohlod
- 12. Boating & Safety Report: Lois Pohlod
- 13. Fishing Information: Heather Anderson
- 14. Nominations and Renewal of all committee mandates: Lois Pohlod
- 15. Next AGM –possibility of in-person meeting and when
- 16. Future of the LBCA? Call for Volunteers. Input from Lake owners
- 17. Questions/Comments.

18. Closure of General Meeting by the President: Heather Anderson

Appendix 3: Financial Statements

LBCA - LAKE BARRON CITIZENS ASSOCIATION ARLB-ASSOCIATION DES RIVERAINS DU LAC BARROI

INCOME STATEMENT/ÉTAT DES RÉSULTATS AS AT DECEMBER 31/AU 31 DÉCEMBRE

	2023-10-26	2022	2021	2020	2019	2018	2017
EVENUE/REVENU:							
MEMBERSHIP/ADHESION	2 409,00 \$	2 548,00 \$	3 004,55 \$	2 877,46 \$	2 269,80 \$	2 675,00 \$	2 121,57 \$
DONATIONS/DONS	100,00 \$	689,00 \$	150,00 \$		- \$	30,25 \$	25,00 \$
REGATTA/RÉGATE			- \$		- \$	- \$	55,00 \$
BANK INTÉRÊTS/INTÉRÊT BANCAIRE	103,74 \$	36,32 \$	13,19 \$	1,26 \$	1,29 \$	1,90 \$	1,36 \$
SALES-PROMOTIONAL ITEMS/VENTES	i-						
ITEMS PROMOTIONNELS	1 375,00 \$	3 988,00 \$	160,00 \$		- \$	- \$	15,00 \$
CONTRIBUTION FROM GORE							
MUNICIPALITY/DE GORE		500,00 \$	686,17 \$	555,00 \$	1 200,00 \$	- 5	1 000,00 \$
τοτ	AL 3 987,74 \$	7 761,32 \$	4 013,91 \$	3 433,72 \$	3 471,09 \$	2 707,15 \$	3 217,93 \$
XPENSES/DÉPENSES:							
REGATTA/FESTIVAL/RÉGATE	252,95 \$	341 AE 6	- \$	- \$	¢	705 35 Č	1 097,45 \$
	252,95 \$	241,45 \$	- >	- >	- \$	786,26 \$	1097,45 \$
PROMOTIONAL ITEMS/ITEMS							
PROMOTIONNEL	1 475,14 \$	3 537,37 \$	- \$	- \$	- \$	- \$	- \$
NEWSLETTER & POSTAGE/BULLETIN E							
POSTE	21,82 \$		1 372,34 \$	- \$	104,31 \$	- \$	66,12 \$
NEWSLETTER & OTHER							
TRANSLATION/TRADUCTION DU							
BULLETIN ET AUTRE		757,65 \$	- \$	1 565,85 \$	437,20 \$	- \$	297,34 \$
BANK CHARGES/FRAIS BANCAIRE	17,00 \$	33,55 \$	34,26 \$	198,05 \$	12,00 \$	8,00 \$	10,00
FISHING TOURNAMENT-							
STOCKING/TOURNOI DE PÊCHE ET							
ENSEMENCEMENT			- \$	1 110,00 \$	- \$	- \$	-
REGISTRATION FEES/DÉCLARATION							
ANNUELLE	37,00 \$		36,00 \$	71,00 \$	35,00 \$	34,00 \$	34,00
WATER TESTING/TEST DE L'EAU	69,85 \$		- \$	- \$	- \$	- \$	
AGM MEETING/ASSEMBLÉE ANNUELL	E		- \$		- \$	89,97 \$	
WEBSITE/SITE WEB	284,06 \$	348,13 \$	- \$	29,36 \$	- \$	- \$	29,99 \$
MEMBERSHIP FEES/FRAIS D'ADHÉSIO	N 344,93 \$		- \$	216,00 \$	200,00 \$	363,00 \$	35,00 \$
BUOYS AND SIGNS/BOUÉES ET							
AFFICHES		5 013,40 \$	588,36 \$	- \$	3 467,45 \$	241,45 \$	273,00
DONATION			100,00 \$	25,00 \$	100,00 \$	400,00 \$	- 5
ACCOUNTING FEES/FRAIS LÉGAUX	482,90 \$	385,17 \$	385,17 \$	371,05 \$	413,91 \$	321,93 \$	304,68
Accounting recording the second							
TOTA	AL 2 985,65 \$	10 316,72 \$	2 516,13 \$	3 586,31 \$	4 769,87 \$	2 244,61 \$	2 147,58 \$

Appendix 3: Financial Statements (page 2)

LBCA - LAKE BARRON CITIZENS ASSOCIATION ARLB-ASSOCIATION DES RIVERAINS DU LAC BA

BANK AND GIC/BANQUE ET CPG AS AT DECEMBER 31/AU 31 DÉCEMBRE

	2023-10-26	2022	2021	2020	2019	2018	2017
BANK BALANCE/SOLDE BANCAIRE	6 200,61 \$	5 198,52 \$	7 103,75 \$	6 292,14 \$	6 419,72 \$	7 748,30 \$	7 296,01 \$
RECEIVABLE FROM GORE/ À RECEVOIR DE GORE PETTY CASH/PETITE CAISSE	- \$ 96,80 \$	- \$ 96,80 \$	686,17 \$ 96,80 \$	96,80 \$	121,81 \$	92,01 \$	81,76 \$
TOTAL	6 297,41 \$	5 295,32 \$	7 886,72 \$	6 388,94 \$	6 541,53 \$	7 840,31 \$	7 377,77 \$

Appendix 4: Comments on Financial Statements:

COMMENTS — FINANCIAL STATEMENTS AS OF OCTOBER 26, 2033

COMMENTAIRES — ÉTATS FINANCIERS AU 26 OCTOBRE 2023

REVENUES/REVENU:

- Total members/Total des membres : 94
 - o Total residences around Lake Barron/Résidences au lac Barron : 269
 - o Ratio: 35%

EXPENSES/DÉPENSES :

- Festival Toilet for event/Toilette pour l'activité = 252 \$
- Promo Merchandise/marchandise promotionnelle
 - Revenue/Revenu = 1375 \$
 - Expenses/Dépenses = 1475 \$
- Membership Fees/Frais d'adhésion = CRE Laurentides 344 \$
- Accounting fees/Frais de comptabilité
 - Income tax reports/Déclarations des revenus = 482 \$
- Website/Site Web = 284 \$

REVENUES/REVENU:

- Total members/Total des membres : 104
 - o Total residences around Lake Barron/Résidences au lac Barron : 269
 - o Ratio: 39%

EXPENSES/DÉPENSES :

- Festival Toilet for event/Toilette pour l'activité = 241 \$
 - Promo Merchandise/marchandise promotionnelle
 - Revenue/Revenu = 3988 \$
 - Expenses/Dépenses = 3537 \$
- Translation newsletters-AGM-meetings/Traduction bulletins-AGA-rencontres = 757 \$
- Accounting fees/Frais de comptabilité
 - Income tax reports/Déclarations des revenus = 385 \$
- Website/Site Web = 348 \$
- Buoys/Bouées = 5013 \$

Thank you to Heather McCullogh of Lake Hughes for the information about Water Testing.

ULTRA-OLIGOTROPHIC	No signs of eutrophication/lake aging		Phosphorus Total trace	Chlorophyll	Dissolved Organic Carbon	Transparency	COMBINED RESULTS
OLIGOTROPHIC	Little or no signs of eutrophication		(μg/l)	α (μg/l)	(mg/l)	(meters) WATER CLARITY	TROPHIC LEVEL OF LAKE BARRON
DLIGO-MESOTROPHIC	Some signs of eutrophication		STIMULATES	ALGAE	WATER COLOR HAVING AN IMPACT ON TRANSPARENCY		
MESOTROPHIC	Intermediate stage of eutrophication		PLANTS & ALGAE	MEASUREMENT	I KANSPAKENC Y		
MESO-EUTROPHIC	Advanced intermediate stage of eutrophication						
EUTROPHIC	Significantly advanced stage of	2007					OLIGO-MESOTROPHIC
	eutrophication	2013					OLIGOTROPHIC
	OF ADVANCING	2015					OLIGO-MESOTROPHIC
EUTROPHICATIO	JN	2016					OLIGOTROPHIC
Increased algae	& aquatic plants	2018	4,2	1,7	3,8	3,8 m	OLIGOTROPHIC
Reduction in di	ssolved oxygen	2019	5,8	2,8	4,2	3,6 m	OLIGO-MESOTROPHIC
Greater accum	ulation of sediments	2020	3,7	2,2	3,7	4,4 m	OLIGOTROPHIC
Some boating a shoreline erosio	activities increase	2021	5,7	2,9	4,4	4,9 m	OLIGO-MESOTROPHIC
	ments entering lake	2022	6	3,8	5,4	4,3 m	OLIGO-MESOTROPHIC
increase in seur	ments entering lake	2023	6,4	3,2	5	3,7 m	

Water Testing -- Tests d'eau 2023

PHOSPHORUS/phosphore

- Increase of 5,3 % 2021-2022/Augmentation de 5,3 % 2021-2022
- Increase of 6,7 % 2022-2023/Augmentation de 6,7 % 2022-2023
- Still in a good category (OLIGOTROPHIC)/Toujours dans la bonne catégorie (OLIGOTROPHIC)
- Must be vigilant/Doit être vigilant

CHLOROPHYLL (algae

measure/mesure des algues)Improved since last year

- Amélioration depuis l'année dernière
- Not as much evidence of actual algae this year surveillance necessary

Moins de preuves de la présence d'algues cette année, surveillance nécessaire

	Phosphorus	Chlorophyll	Dissolved Organic	Transparency	COMBINED RESULTS
	Total trace	a	Carbon	(meters)	TROPHIC LEVEL OF LAKE BARRON
	(µg/l)	(µg/I)	(mg/l)	WATER CLARITY	
	STIMULATES	ALGAE	WATER COLOR HAVING AN IMPACT ON		
	GROWTH OF	MEASUREMENT	TRANSPARENCY		
	PLANTS & ALGAE				
2007					OLIGO-MESOTROPHIC
2013					OLIGOTROPHIC
2015					OLIGO-MESOTROPHIC
2016					OLIGOTROPHIC
2018	4,2	1,7	3,8	3,8 m	OLIGOTROPHIC
2019	5,8	2,8	4,2	3,6 m	OLIGO-MESOTROPHIC
2020	3,7	2,2	3,7	4,4 m	OLIGOTROPHIC
2021	5,7	2,9	4,4	4,9 m	OLIGO-MESOTROPHIC
2022	6	3,8	5,4	4,3 m	OLIGO-MESOTROPHIC
2023	6,4	3,2	5	3,7 m	

Appendix 5: Tables used in Environmental Committee presentation:

DISSOLVED ORGANIC CARBON (Water color)/CARBONE ORGANIQUE DISSOUD (Couleur de l'eau) Continues to be in the intermediate stage

(mesotrophic) slight improvement from 2022

Continue à se situer au stade intermédiaire (mésotrophe) légère amélioration par rapport à 2022

TRANSPARENCY/TRANSPARENCE Definitely deteriorated

Une détérioration certaine

• For good reason - HEAVY RAINS Pour une bonne raison - FORTES PLUIES

• Like many other lakes

Comme beaucoup d'autres lacs

		Dissolved Organic	Transparency	COMBINED RESULTS
Total trace	a	Carbon	(meters)	TROPHIC LEVEL OF LAKE
(µg/I)	(µg/l)	(mg/l)	WATER CLARITY	BARRON
STIMULATES	ALGAE	WATER COLOR HAVING AN		
GROWTH OF	MEASUREMENT	TRANSPARENCY		
LANTS & ALGAE				
				OLIGO-MESOTROPHIC
				OLIGOTROPHIC
				OLIGO-MESOTROPHIC
				OLIGOTROPHIC
4,2	1,7	3,8	3,8 m	OLIGOTROPHIC
5,8	2,8	4,2	3,6 m	OLIGO-MESOTROPHIC
3,7	2,2	3,7	4,4 m	OLIGOTROPHIC
5,7	2,9	4,4	4,9 m	OLIGO-MESOTROPHIC
6	3,8	5,4	4,3 m	OLIGO-MESOTROPHIC
6,4	3,2	5	3,7 m	
	4,2 5,8 3,7 6	STIMULATES ALGAE GROWTH OF MEASUREMENT LANTS & ALGAE 4,2 1,7 5,8 2,8 3,7 2,2 5,7 2,9 6 3,8	ALGAE WATER COLOR HAVING AN IMPACT ON TRANSPARENCY GROWTH OF MEASUREMENT WATER COLOR HAVING AN IMPACT ON TRANSPARENCY LANTS & ALGAE I I 4,2 1,7 3,8 5,8 2,8 4,2 3,7 2,2 3,7 5,7 2,9 4,4 6 3,8 5,4	(μg/l) (μg/l) (mg/l) WATER CLOR HAVING AN IMACT ON TRANSPARENCY WATER CLARITY STIMULATES GROWTH OF ANTS& ALGAE MEASUREMENT WATER CCIOR HAVING AN IMACT ON TRANSPARENCY WATER CLARITY ANTS & ALGAE MEASUREMENT TRANSPARENCY MATER CLARITY ANTS & ALGAE MEASUREMENT TRANSPARENCY MATER CLARITY ANTS & ALGAE MEASUREMENT TRANSPARENCY MATER CLARITY ANTS & ALGAE MEASUREMENT MATER CLARITY MATER CLARITY ANTS & ALGAE MEASUREMENT MATER CLARITY MATER CLARITY ANTS & ALGAE MEASUREMENT MATER CLARITY MATER CLARITY 4.10 MEASUREMENT MATER CLARITY MATER CLARITY 5,8 2,8 4,2 3,6 m 3,7 2,2 3,7 4,4 m 5,7 2,9 4,4 4,9 m 6 3,8 5,4 4,3 m

Septic Information from Canton de Gore

Septic installations on Barron Lake 2023 statistics

Installations septiques Lac Barron		
Vieux systèmes (+30/40 ans)	73	35,27%
Nécessitant une action rapidement	32	15,46%
Entretien et âge adéquat	102	49,27%
Adresses riveraines	207	100%

