



# 2019-2020 Annual Report

*Working Together  
for a  
Healthy Watershed  
Healthy Lake  
Healthy Community*

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# Providing Leadership

## Message from PLWA Directors

Despite the challenges of navigating a global pandemic in 2020, it was a banner year for information gathering, advancing our understanding of the lake, and establishing land use policy that will protect Pigeon Lake today and well into the future.

The lake surveys conducted this year are designed to calibrate satellite imagery-- putting Pigeon Lake at the forefront of lake water quality monitoring. Spearheaded by the Pigeon Lake Watershed Management Plan (the Plan) Science Committee, this innovative approach to monitoring increases our ability to measure and understand the frequency, intensity, and duration of algal blooms.

PLWA inquiries into the public health advisories (enterococcus or fecal coliform) at Zeiner Park has led to enhanced eDNA Beach Safety protocols from Alberta Health Services. Changes to the lab analysis provides better information about the source of contamination and reveals that not all sources pose public health risks. We anticipate the number of advisories will drop in the future as a result.

Based on a commitment to the Plan, newly established municipal and intermunicipal development plans make watershed management a key strategy for long-term protection of the lake.

Whether it's supporting community partners or leading new initiatives, the work of PLWA in 2020 highlights the health and economic benefits of caring for our lake together.

A lists of new, returning, and retiring board members is provided on the next page.



# PLWA Directors 2020

## New Directors

- Peggy Juchli
- Betty Ann Lough

## Returning Directors

- Wayne Buskas (President)
- David Crombie
- Michael Gaian (Vice President)
- Bob Gibbs (Treasurer)
- Daniel Kenway
- Kevin McKee
- Samuel Minde

## Retired Directors

- Mike Mahon
- Michael Rowley



New Directors: Peggy (Left), Betty Ann (Right)  
About the Board of Directors: [www.plwa.ca/board-of-directors](http://www.plwa.ca/board-of-directors)



# Land Acknowledgment

The Pigeon Lake Watershed Association respectfully acknowledges that we are on Treaty 6 territory, a traditional gathering place for the diverse Indigenous peoples including the Four Nations of Maskwacis Alberta whose history, culture and respect for the land continues to influence our vibrant community. We acknowledge all the many First Nations, Métis, and Inuit whose footsteps have marked these lands for centuries. Pigeon Lake and its watershed will benefit by our collective efforts at working together to achieve a Healthy Watershed, Healthy Lake and Healthy Community.

*Thank you Bernice Stoney Buffalo for inviting PLWA Staff and Directors to a special Maskwacis Water Blessing at the Pigeon Lake Campground, Sept 12, 2020.*

# Focusing on the Future



## Message from Executive Director

While we couldn't meet in person this year, communities at the lake came together in new ways to support of our mission to preserve and protect Pigeon Lake and its watershed for current and future generations.

Special thanks to Emily Cicon and Robyn Cameron, the summer team! They just rolled with the times and contributed a tremendous amount to our stewardship efforts in 2020. This year, PLWA:

- Launched a new website, [www.PLWA.ca](http://www.PLWA.ca)
- Met with members every two weeks in the summer for Online Coffee Conversations.
- Connected local experts and our members to share stewardship information.
- Updated the Alberta Clean Runoff Action Guide with thanks to the Alberta Low Impact Development Partnership.
- Welcomed new residents to the lake with stewardship packages.

The Annual Report has many more highlights from the year. Read on...



# Adapting with the Lake

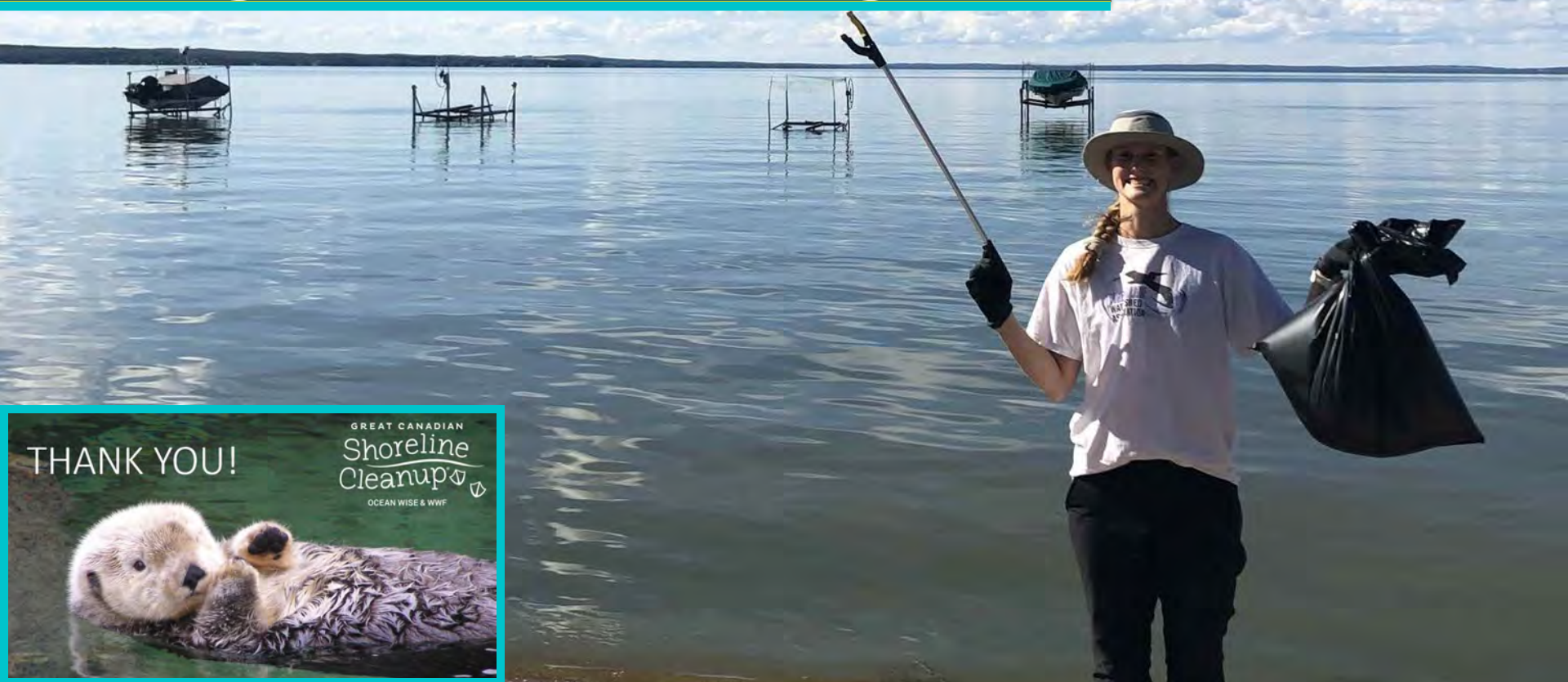


## Navigating Changing Water Levels

New resources at [PLWA.ca](https://www.plwa.ca)

Weir | Water level | Nutrient loading | Shoreline Restoration

# Caring for the Lake Together



## Great Canadian Shoreline Cleanup

**55** Volunteers **6** Groups **124** kg of Garbage Collected

Cleanup adapted for COVID-19 with Independent & Small Group Cleanups



# Monitoring Water Quality



- Satellite Algal Bloom Pigments Model
- eDNA Beach Sampling
- LakeWatch
- Mussel Monitoring

## RESEARCH & MONITORING

**180**  
Samples

**4**  
Water Quality  
Programs

**17**  
Citizen Science  
Volunteers





# Working with Partners



## WORKING WITH PARTNERS



**8** Programs

**11** Lake Friendly Practices

**180** Participants

- Love the Lake Family Fun Week
- Coffee Conversations
- Research & Monitoring
- Clean Runoff
- Shoreline Cleanup



# Protecting Shoreline



- Clean Runoff Guide
- Naturalize Your Lot
- Weir Factsheet
- Water Level Factsheet

## SHORELINE EROSION EDUCATION

**369**  
Engagements

**4**  
Presentations

**4**  
Resources



# Welcoming Wildlife



## WILDLIFE HABITAT SUPPORT

4

Presentations

3351 Engagements

9 Birdhouses Sold



- Birdhouse Sale
- Coffee Conversations
- Social Media

# Planning for the Future



## Land Use Bylaw Watershed Regulations Workshop

**25** Council Members & Staff Attend

Host: Municipal Planning Services & PLWA



# Providing Opportunities to Explore



## SOCIAL MEDIA OUTREACH



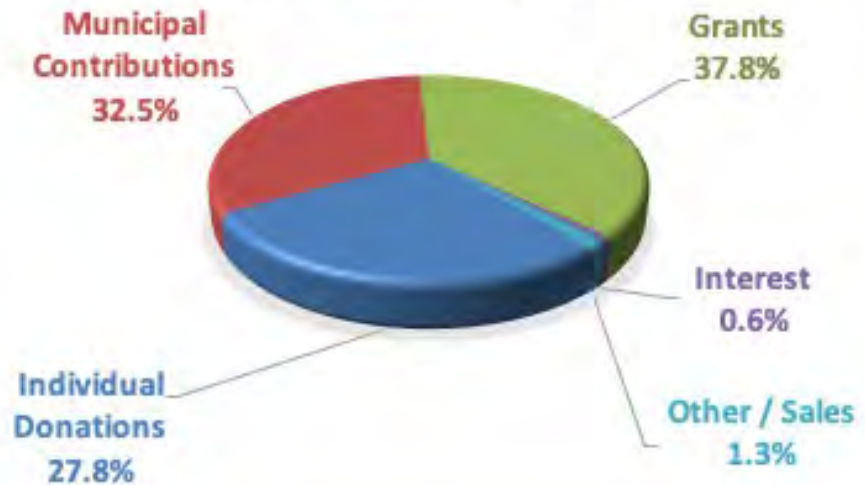
**47 405** Reached  
**6 864** Engagements

## Page Followers

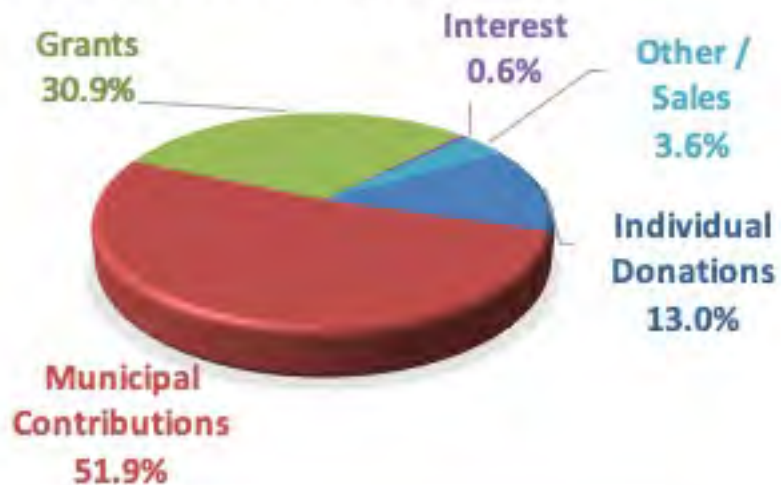
- Facebook +40%
- Instagram +18%
- Twitter +7%

# 2019 Audited Financials -Revenue

2019 REVENUE = \$94,182



2018 REVENUE = \$92,813





# Expenses

| <b>Expenditures</b>             | <b>2019</b>   | <b>2018</b>   |
|---------------------------------|---------------|---------------|
| Working Together Program        | \$ 31,146.00  | \$ 3,826.00   |
| Operations & Development        | \$ 29,545.00  | \$ 66,660.49  |
| Healthy Watershed Lands Program | \$ 22,600.00  | \$ 15,235.93  |
| Clean Runoff Program            | \$ 17,773.86  | \$ 27,916.46  |
| Healthy Pigeon Lake Program     | \$ 13,180.00  | \$ 1,101.40   |
| Healthy Shorelines Program      | \$ 10,181.00  | \$ 2,898.01   |
| Flow Through Donation           | \$ -          | \$ 5,000.00   |
|                                 | \$ 124,425.86 | \$ 122,638.29 |

# Members Equity

| <b>AUDITED STATEMENT OF FINANCIAL POSITION</b> |                   |                   |
|--|-------------------|-------------------|
|  | 2019              | 2018              |
| <b>ASSETS</b>                                  |                   |                   |
| Cash   | \$ 27,672         | \$ 18,725         |
| Term deposits                                  | \$ 74,110         | \$ 138,509        |
| Goods and services tax recoverable             | \$ 1,001          | \$ 843            |
| Prepaid expenses                               | \$ 1,458          | \$ 1,290          |
|  | <b>\$ 104,241</b> | <b>\$ 159,367</b> |
| <b>LIABILITIES</b>                             |                   |                   |
| Accounts payable and accrued liabilities       | \$ 9,011          | \$ 33,894         |
| <b>MEMBERS NET ASSETS</b>                      | <b>\$ 95,230</b>  | <b>\$ 125,473</b> |
| <b>LIABILITIES AND NET ASSETS</b>              | <b>\$ 104,241</b> | <b>\$ 159,367</b> |



# Thank you

*You're Amazing!*



**Online Benefit Concert  
Hosted: Dec. 19, 2020**

Sunset Photo by: Cynthia Kelly

## DONORS

### Individuals & Families

Carol Allen  
Donald Beirnes  
Ian and Valerie Bradley  
Judy Brown  
David Burnett  
Leonard Bistriz  
Barbara Casault  
Matthew Chapman  
Bob & Judy Cochrane  
Michael Colborne  
David and Kathy Crombie  
H.J. (Jock) Dawe Family Fund, ECF  
Detheridge Family Fund, ECF  
Susan & Joe Ellis  
Bruce & Violet Fowlie  
Roxanne Girard  
Tammy & Chris Greidanus  
Haag Family

Bruce Hagstrom  
Donna & Brett Halford  
Lucie Heins  
William & Shirley Lakey Family Fund, ECF  
Allan & Donna Lundell  
Ross McBain Charitable Gift Fund, ECF  
Doris Moonie  
Helen & Fred Otto  
Rick Pawluk  
Shana Wilson  
Marthe Murphy on behalf of the Pigeon Lake Golf Club  
Friday Nite Golf Mixer

### Grant Funding

Alberta Real Estate Foundation  
Edmonton Community Foundation  
Government of Canada

### Municipal

SV of Argentina Beach  
SV of Crystal Springs  
SV of Grandview  
SV of Golden Days  
SV of Itaska Beach  
SV of Poplar Bay  
SV of Silver Beach  
SV of Sundance Beach  
County of Wetaskiwin - MRP

## VOLUNTEERS

LakeWatch Boat Drivers  
Mussel Monitors  
PLWA Directors  
Great Canadian Shoreline Cleanup Crews  
Guest Speakers - Coffee Conversations  
Grant Writers  
Committee and Working Group Members

## HEALTHY-LAKE PARTNERS

|   |   |  |
|---|---|--|
| ALCLA Native Plant Restoration            | Alberta Low Impact Development                            | Edmonton Native Plant Society            |
| Alberta Biodiversity Monitoring Institute | Partnership   | Nature Alberta                           |
| Alberta Conservation Association          | Alliance of Pigeon Lake Municipalities                    | Pigeon Lake Provincial Park              |
| Alberta Environment and Parks             | Alus Canada   | Pigeon Lake Regional Chamber of Commerce |
| Alberta Lake Management Society           | Arnica Wildflowers  | Vinebrooke Lab, University of Alberta    |
|   | Battle River Watershed Alliance                           |  |
|   | Cows & Fish (Alberta Riparian Habitat Management Society) |  |

