PIGEON LAKE
WATERSHED
ASSOCIATION

2018 - 2019
Annual Report

Working Together

Healthy Watershed

Healthy Lakes

Healthy Communities

Our Mission

To enhance, preserve and protect Pigeon Lake and its watershed for current and future generations.

Providing Leadership

**Message from the PLWA Board of Directors**

PLWA is focused on improving watershed and lake quality that impacts our collective quality of life at Pigeon Lake.

As a charitable organization, the PLWA Board and staff has taken on a significant role building relationships with municipalities, provincial and federal governments, non-governmental organizations, educational/research institutions and granting agencies to empower the community and bring experts and funding to bear on Pigeon Lake watershed priorities.

In 2019, work began on 23 of the 46 recommendations in the Pigeon Lake Watershed Management Plan (PLWMP) with the help of volunteers, donors, healthy-lake partners, businesses and the municipalities.

PLWA Board of Directors: Wayne Buskas (President), David Crombie, Michael Gaian, Robert Gibbs (Acting Treasurer), Daniel Kenway, Mike Mahon, Kevin McKee, Samuel Minde, Michael Rowley
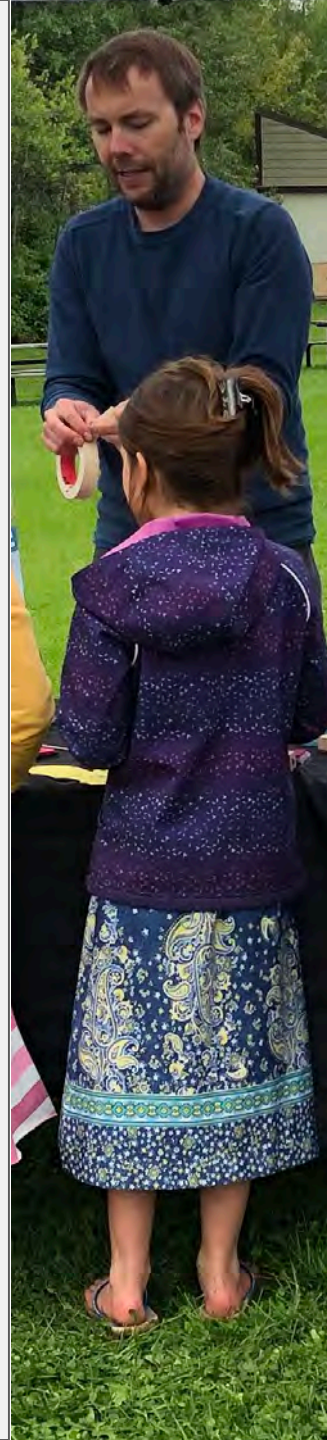
Stewards in the Community

MESSAGE FROM THE EXECUTIVE DIRECTOR

The average temperature this summer was 22 degrees and the winds and rain brought big waves. It was a rare treat to jump in the lake on a sunny day, but the rain was great for the water level and the water quality was good again this year as was the fishing.

PLWA had two excellent scientists on staff in the summer, Krista Patterson and Rashell Bolduc. As a team, we were fortunate to meet and work with many lake stewards in the community - residents, business owners, visitors to the lake, municipal leaders and our partner groups. I look forward to supporting the community's stewardship efforts again in 2020!

Please take a minute to flip through the annual report for the highlights of community stewardship in action…

Acting on Plan Recommendations

IMPLEMENTING THE PIGEON LAKE WATERSHED MANAGEMENT PLAN (PLWMP)

www.plwmp.ca

| PROGRAMS	OBJECTIVES / RECOMMENDATIONS
Municipal Clean Runoff Drainage Guide	3b 3e
Shoreline Landscape Development Guidelines	1b 2b 2c 3e 5d 7a
Bird Box and Biodiversity Program	5g 7a
Watershed Regulations, Land Use Bylaws	1b 1c 2a 2e 3b 3c 4a 4b 5a 5b 8a 8b
Mulhurst Revitalization Project	2f 3e
Living By Water Shoreline Assessments & Shoreline Naturalization Initiatives	2c 3e 5e 5h
Mamawo Working Group	8c
Aquatic Invasive Species (AIS) Citizen Science, Mussel Monitors	7a
Invasive Prevention Stewardship	5g 7a
LakeWatch Water Quality Monitoring & Research at University of Alberta	6a
Stewardship Programs and Children & Youth Outreach	2b 2c 2f 3e 5d 5e 5g 7a 8c 8g
Municipal and Intermunicipal Development Plans	1b 8a

Promoting Healthy Shorelines
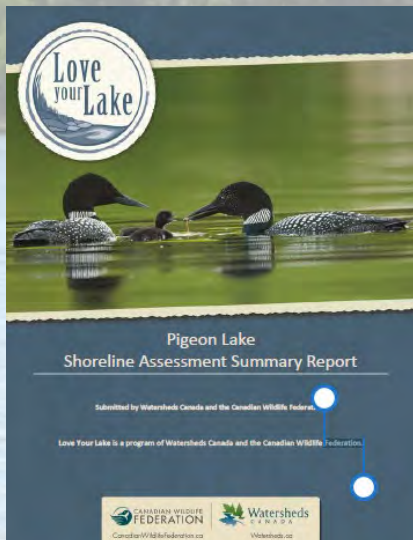
SHORELINE LOVE YOUR LAKE PROGRAM

Pigeon Lake Shoreline Assessment
Summary Report

Three *Living By Water* shoreline
naturalization projects completed
Sheldon Helbert, Nature Alberta's Shoreline
Technician
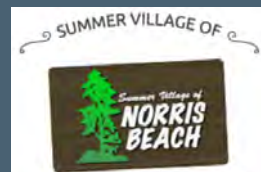
Rejuvenating the Shoreline

#lakelife is amazing and beautiful but it's also important to be aware of responsibilities that come with shoreline ownership. Today we planted 42 troops to help with clean runoff and shoreline restoration! All native species and all very important to the area.

Blueberries, raspberries, trembling aspens, birch, skunk currant, cranberries, sandbar willows and more! All doing their part to keep our lake beautiful… Anna Hayne

Native plants add color and build shoreline resilience. The Hauptmans

Naturalizing the shoreline corners tapering the buffers to a thin margin progressing toward the center to change the shoreline character from 100% ornamental to one that will be 50-60% natural/regenerative in a few years. Some additional drainage works and planting were done along one-side of the home to manage excessive runoff. The Williscrofts

Providing Learning Opportunities

Invasive Species & LakeWise Landscaping Workshop

Making a Difference Together

Great Canadian Shoreline Cleanup
Hosted at Pigeon Lake Camp Ground with support from the Four Nations of Maskwacis
Samson Cree Nation, Louis Bull Tribe, Ermineskin Cree Nation, and Montana Band

Reducing Excess Nutrients

CLEAN RUNOFF STRATEGIES TO PREVENT ALGAE BLOOMS

- ✓ Installed Ma-Me-O & Mission Beach Clean Runoff Signs
- ✓ Hosted two LakeWise Landscaping Workshops
- ✓ Toured Demonstration Sites with Riparian specialist from Cows & Fish.
- ✓ Promoted Clean Runoff at the Farmer's Markets
- ✓ Sold Native Plant and Grass Seed
- ✓ Hosted talks by the Edmonton Native Plant Society
- ✓ Hosted Municipal Drainage Workshop

Sharing Stewardship Tips

Rain or shine, you could find the PLWA staff around the lake meeting with residents and visitors. Alberta Environment and Parks Staff and Native plant experts joined on occasion, too.
- ✓ Provincial Park and Mulhurst Boat Launches
- ✓ Lakedell Farmer's Market
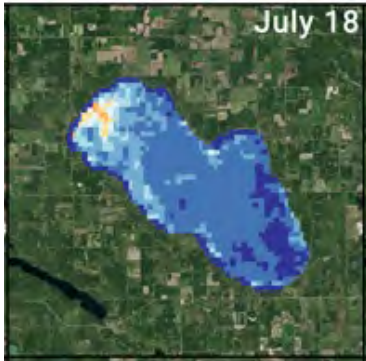- ✓ Mulhurst Farmer's Market

Exploring Lake Science

PLWA expanded programming for children and youth, working with:
- ✓ The Pigeon Lake Public Library
- ✓ Mimiw-Sakahikan School & Summer Camp
- ✓ Argentia Beach Day Camp
- ✓ Pigeon Lake Provincial Park

Expanding our Knowledge

- ✓ Monitoring water quality with LakeWatch, Alberta Lake Management Society
- ✓ Coordinating data collection with Vinebrooke Labs, University of Alberta
- ✓ Using satellite imaging tools to monitor the health of the lake

Working Together

- ✓ Alberta Environment and Parks with Hilo sniffing for zebra and quagga mussels
- ✓ Community weeding day, part of the Invasive Species Prevention Program
- ✓ 8th Annual Pigeon Lake Leaders Session
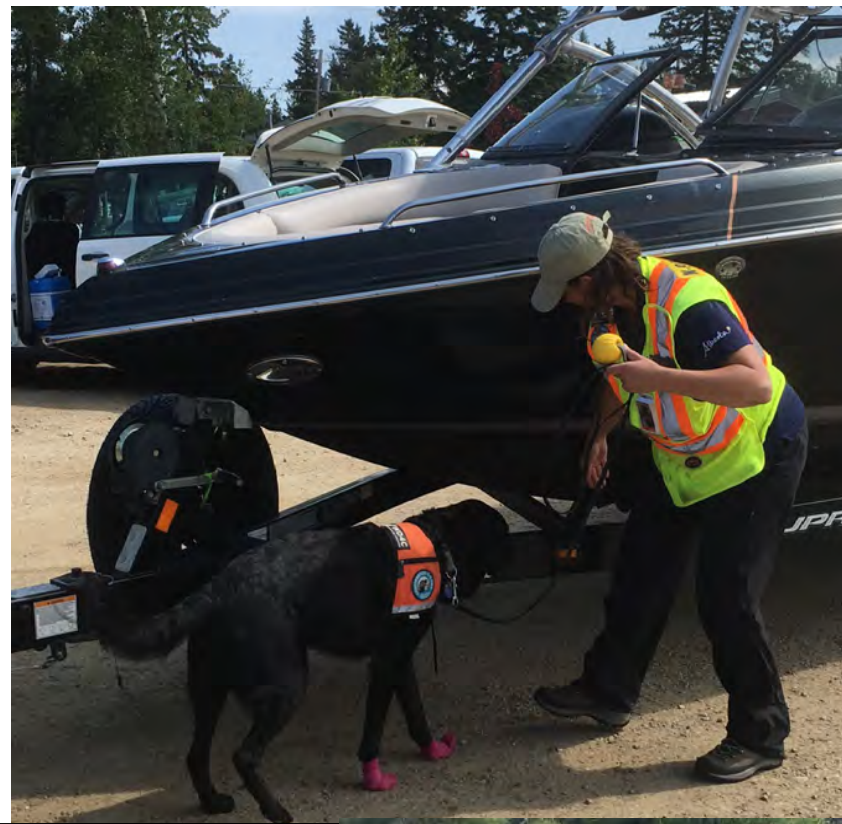
Caring for our Lake

LOVE THE LAKE FAMILY FUN DAY

Despite cool weather, nearly 200 people joined us for PLWA's annual stewardship event in August. Visitors to Pigeon Lake Provincial Park met Rickie the Northern Saw-whet Owl, learned about bats and aquatic species, and participated in a bioblitz, crafts, games, and face-painting. Thank you to the TD Friends of the Environment Foundation for providing grant funding and to the volunteers, local community groups & healthy-lake partners for making this event possible!

2019 Highlights
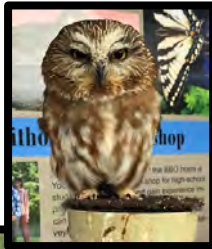
2018 Audited Financials - Revenue

2018 REVENUE = $92,813

Municipal Contributions 51.8%

Grants 30.8%

Interest 0.6%

Individual Donations 13.0%

Other (Sales) 3.8%

2017 REVENUE = $57,765

Grants 21.2%

Interest 0.6%

Other (Sales) 8.3%

Municipal Contributions 28.9%

Individual Donations 41.1%

Expenses

	2018	2017
EXPENDITURES		
Administration and planning	61,684	45,733
Clean Runoff Guide & Eco-action Project	27,916	31,369
Stewardship and programs	23,061	19,542
Donation to endowment fund (Note 3)	5,000	-
Communications, advertising and website	2,402	8,790
Professional fees	2,050	2,200
Memberships	525	392
	122,638	108,026

Members Equity

		2018		2017
ASSETS				
CURRENT				
Cash	$	18,724	$	29,574
Term deposits		138,509		137,940
Goods and services tax recoverable		843		866
Prepaid expenses		1,290		1,445
	$	159,366	$	169,825
LIABILITIES				
CURRENT				
Accounts payable and accrued liabilities	$	33,892	$	14,526
MEMBERS' NET ASSETS (Note 4)		125,474		155,299
LIABILITIES AND MEMBERS' NET ASSETS	$	159,366	$	169,825

Thank You!

DONORS

Individuals & Families

Allen Family
Bistritz Family
Bradley Family
Burnett Family
Casault, Barbara
Colborne, Michael
Crombie, David
H.J. (Jock) Dawe Family Fund
Detheridge Family
Ellis, Leslie
Ellis, Susan & Joe
Fee Family
Fowlie, Bruce & Violet
Gerard, Roxanne
Gibbs, Robert & Karen
Haag Family
Hagstrom, Bruce
Halford, Donna & Brett
Hanton Family
Herman, Mary Ellen
Holtz, Lisa and Ron
Lakey, Shirley
Larsen, Nancy
Lassman, Kara & Kristopher
Lundell, Allan & Donna
Matchett Family
McCoy Family
Moonie Family
Murray, Elizabeth
Nichols Family
Nielsen, Rex & Karen
Otto, Helen & Fred
Poskocil Family
Rowswell, Karen
Webb, Jim & Karen
Ross McBain Foundation
Mulhurst Iced Tea Stand Kids

Local Businesses

Chef N' Pigeon Lake
Ma-Me-O Music Ltd.
Mulhurst Bay Books & Gifts
The Village Market
Village at Pigeon Lake
Westerose Greenhouse

Pigeon Lake Artist Society
Bird Box Program, Silent Auction

Gail Farewell
Marcia Schmidt
Dale Shuttleworth
Margot Soltice
Penny Stokes

Other Artists, Silent Auction

Margaret Hrynew
Bob & Marlene Stevenson

Municipal

SV of Argentina Beach
SV of Crystal Springs
SV of Grandview
SV of Itaska Beach
SV of Norris Beach
SV of Poplar Bay
SV of Silver Beach
SV of Sundance Beach

HEALTHY-LAKE PARTNERS

- ALCLA Native Plant Restoration
- Alberta Community Bats Program
- Alberta Environment and Parks
- Alberta Lake Management Society
- Alberta Low Impact Development Partnership
- Alliance of Pigeon Lake Municipalities
- Arnica Wildflowers
- Battle River Watershed Alliance
- Beaverhill Bird Observatory
- Cows & Fish (Alberta Riparian Habitat Management Society)
- Nature Alberta
- Edmonton Native Plant Society
- Lakedell Ag Society Farmers' Market
- Mulhurst Bay Farmers' Market
- Mulhurst Fire Department
- Pigeon Lake Public Library
- Pigeon Lake Provincial Park
- Pigeon Lake Regional Chamber of Commerce
- Vinebrooke Lab

Grant Funding

- Government of Canada
- Land Stewardship Centre
- TD Friends of the Environment Foundation

Volunteers

- Community Event Volunteers
- LakeWatch Boaters
- Mussel Monitors
- PLWA Directors
- PLWA Bookkeeper, Pat Bradley

EDMONTON COMMUNITY FOUNDATION

Land Stewardship Centre

Alliance of Pigeon Lake Municipalities

Canada

TD Friends of the Environment Foundation