



LICA
ENVIRONMENTAL STEWARDS

Lakeland Industry and Community Association

Box 8237, 5107W - 50 Street, Bonnyville, AB T9N 2J5

780 812-2182 780 812-2186 www.lica.ca

LICA Board of Directors Update Thursday, May 14, 2020

Item	Topics
1.0	CALL TO ORDER
1.1	Review of Minutes 1.1.1 April 16, 2020 – Board Meeting *to be approved at next meeting
2.0	ONGOING BUSINESS
2.1	Education and Outreach Coordinator Report
2.2	Manager of Environmental Monitoring Programs Report
2.3	Manager of Environmental Management Programs Report
2.4	Administration 2.4.1 Executive Director’s Report 2.4.2 Financial Reports 2.4.2.1 Accounts Receivable Report to May 11, 2020 2.4.2.2 Finances to Date April 30, 2020
3.0	ACTION LIST
3.1	Follow-up on action list 3.1.1 April 16, 2020 Board of Directors Meeting
4.0	UPCOMING MEETING DATES
4.1	Board Meeting – June 11, 2020
5.0	ADJOURNMENT



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LICA Education & Outreach Board Update May 14, 2020

2.1 Education and Outreach Update

Program Updates – 2019/2020

People Reached	Water School Programs	Youth & Summer	X-Stream Science	Community Events	LICA Workshop / Events	Little Green Thumbs	CARS	Air School Programs	Stream of Dreams	Contests
7333	141	17	12	13	11	10	0	19	2	2

Recent Events

- All in school events have been postponed.
- We will reschedule once public gatherings can resume and look for opportunities to participate in the remaining summer events.

LICA Webinars

- Webinars are being scheduled as current place holders for the Lunch ‘n’ Learn sessions.
- LICA is hosting Nicole Kimmel from Alberta Environment and Parks to present on Aquatic Invasive Species (AIS) through Zoom on May 21.
- Additional live video conversations on social media will occur while physical distancing is still in affect. Topics will be prioritized based on the Lunch ‘n’ Learn survey results.

Classroom Presentations

- LICA hosted the first online classroom presentation with grade two’s from Notre Dame Elementary on May 13. Online webinar style presentations are offered to teachers with alternative activities and demonstrations that work for students to try at home.

Upcoming Events

- May 21, 2020 – Aquatic Invasive Species Webinar
- June 1-5 Environment Week – An online presentation about LICA with tips for summer themed environmental stewardship will be online. This will be in partnership with Lac La Biche County.

Environmental Monitoring Programs

May 14th 2020, Board of Directors Update

Routine Operations & Reporting

No major operations or reporting issues occurred over the last month. To ensure work is proceeding safely during the pandemic, we continue to have bi-weekly meetings with the network operators and field staff.

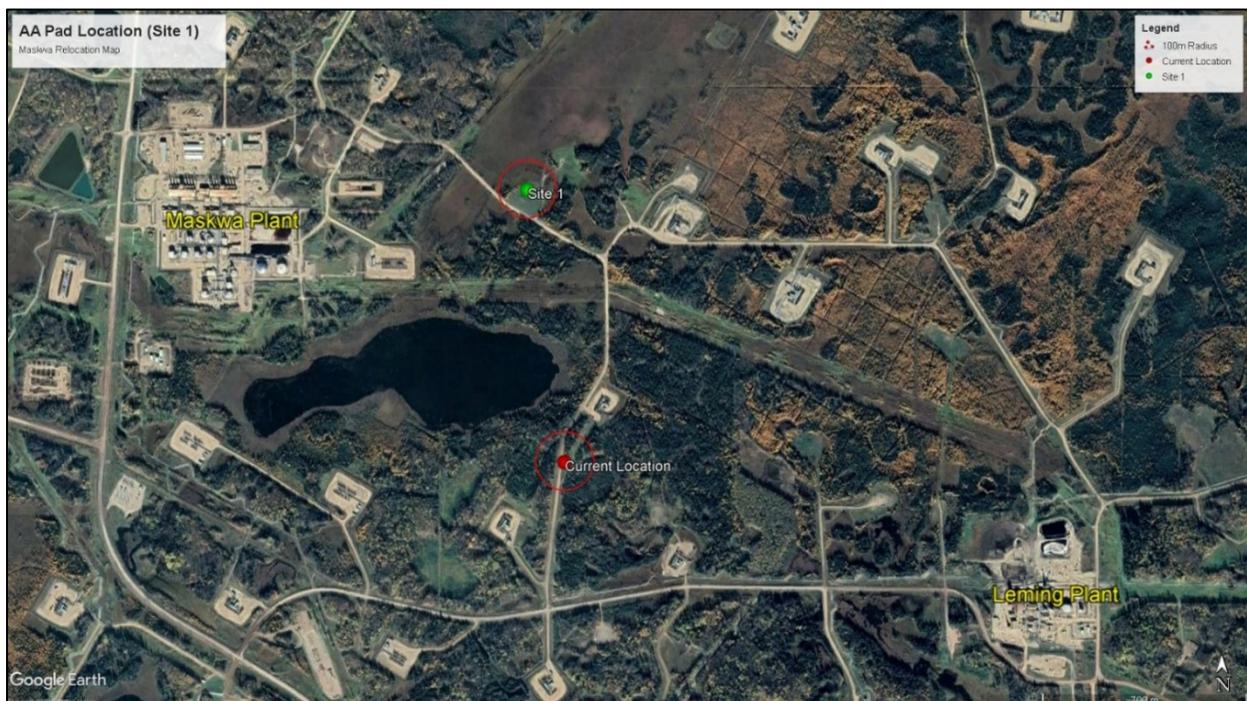
Special Projects

Maskwa Relocation and Renaming

At their May 7th meeting, the LICA Technical Working Group (TWG) accepted the recommendation to proceed with the plan to relocate the Maskwa monitoring station to the AA-Pad site (on Imperial Oil's lease). Work will now begin on seeking the necessary permits and developing a site preparation plan. Relocating the Maskwa monitoring station will involve several steps, including energizing the site, removing trees, creating a level gravel pad, installing fencing, and moving the trailer. The table below provides an estimate of the costs for the different parts of the relocation project. Some of these estimates are based on actual quotes while others are informed by LICA projects with similar scopes of work.

Electricity infrastructure (ATCO pole and line installation, rough-in):	\$45,000
Tree removal (WSW quadrant of Site 1):	\$10,000
Site preparation (leveling, gravel pad, chain link fencing):	\$15,000
Finishing electrical (disconnection, reconnection, trenching, permitting):	\$10,000
Station move (shut-down, relocation, start-up, AMD requirements):	\$7,500
Total Estimated Project Costs:	\$87,500

The time it takes to complete the relocation project will be affected by several factors, namely the availability of the electricity distributor for infrastructure installation. Other factors that will affect the timing include restrictions during nesting season for tree removal, permitting processes, and limitations on work due to COVID-19 measures. It is estimated that the entire scope of work will be complete in 9-12 months.



The TWG also discussed renaming the Maskwa trailer. A few options were discussed including Tamarack, Aspen, and Bear. The TWG suggested that part of the new name include some indication of where the station is monitoring air quality: *Tamarack – Cold Lake Oil Sands*, for example. For consistency, this is a naming convention that LICA can implement for the other continuous stations as well: *Cold Lake – City of Cold Lake*, *PAMS – Lake La Biche*, *St. Lina – St. Paul County (North)*. A naming recommendation will be presented to the Board of Directors in June.

PAMS Relocation

The preferred location for the PAMS in Lac La Biche is being assessed for an electrical connection. The assessment and site improvement costs estimate should be ready in the next few weeks.



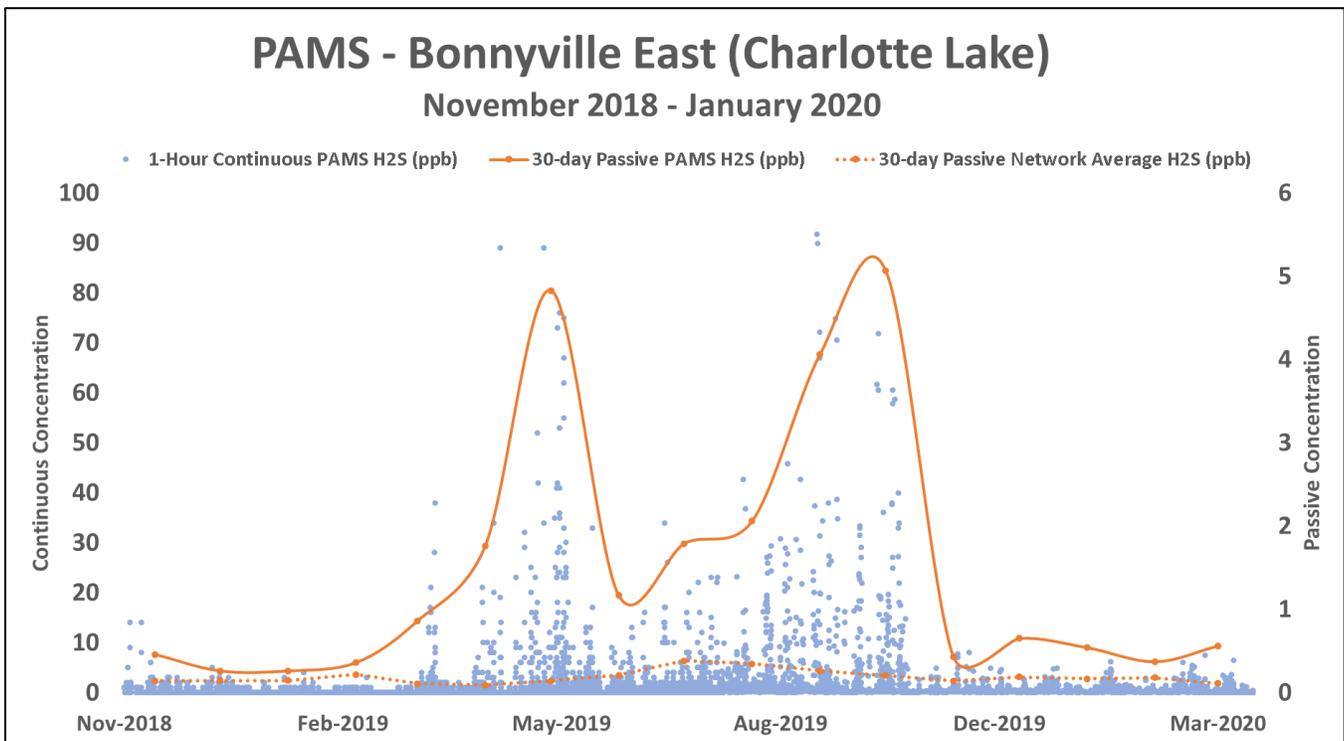
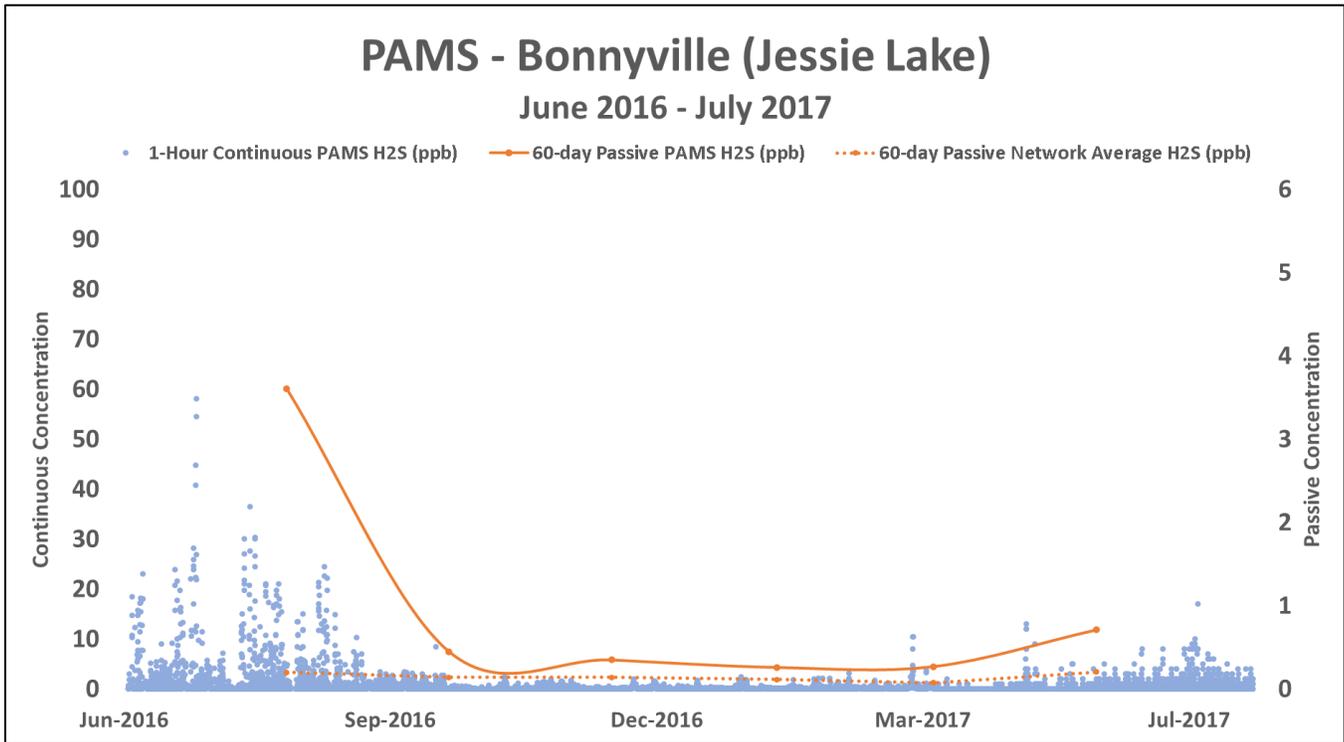
Cold Lake Site Improvements

The Cold Lake air monitoring station recently underwent a re-organization to improve overall equipment layout and to remove redundant wiring and tubing. Contractors and permits are now being arranged to commence with exterior site improvements in June which will involve moving the station away from the nearby power lines.



Bonnyville Air Monitoring Project Wrap-Up

While the PAMS was continuously monitoring air quality at the two Bonnyville sites, passive monitors were co-located on the roof of the station. H₂S concentrations from the passive monitors were lower because the time-integration period is longer, however, the pattern of concentrations is in general agreement with continuous monitoring results. The two figures below show that H₂S passive monitors did a good job of detecting the presence of elevated concentrations and are well suited for long-term monitoring of area H₂S sources such as water bodies.



The LICA TWG accepted the recommendation to install H₂S monitors in and around Bonnyville once the PAMS monitoring project is complete. Installing H₂S passive monitors at the Bonnyville (Jessie Lake) and Bonnyville-East (Charlotte Lake) former PAMS sites as well as adding H₂S to the existing long-term passive air monitor in the Town of Bonnyville (near the LICA Office) is a reasonable approach to maintain ongoing ambient measurements of H₂S in the area. Monitoring will help inform future management actions, the success of mitigation measures implemented by the WPAC, and potentially identify the need to do future follow-up monitoring with the higher resolution instruments in the PAMS.

Each site (3) will have a start-up cost of \$50 to purchase the passive monitoring weather shelter. The ongoing analytical cost is \$40 per month per site for an annual total for \$1590. Landowners are being contacted about installation of the new passive monitors at the former PAMS monitoring locations.

Planning & Optimization

Oil Sands Monitoring Plan Implementation Update (Deposition):

LICA is working with Cenovus and the Wood Buffalo Environmental Association (WBEA) to address the need to develop an regional acid deposition monitoring program for the Christina Lake Thermal Project and Foster Creek Thermal Project (understanding that the Foster Creek facility is within LICA and the Christina Lake facility is within WBEA).

The initial meeting is tentatively planned for the week of May 18 and will be to broadly discuss the acid deposition monitoring program that both facilities were asked to undertake. Ultimately the objective would be to identify potential synergies to help expand acid deposition monitoring program to the south of the WBEA zone and north of LICA zone and provide adequate sampling with respect to each facility.



Environmental Coordinator Report

May 2020 Board Meeting

May 11th, 2020

To: LICA Board of Directors

From: Tricia B. Fleming, Environmental Coordinator

Background:

To inform the Board of Directors on the various projects, duties, regional updates and WPAC operational tasks over the past month.

Discussion:

Alberta Lake Management Society (ALMS)

Summary

- On May 1, the LICA Industry Steering Committee (LISC) informed us that they will not be able to fund the LakeWatch program this year. LISC usually provides \$50,000 per year to fund water sampling in 10 lakes.
- Arianne recommended that we ask LISC to permit LICA to draw from our accumulated cash reserves to fund LakeWatch 2020.
- Brad, the Executive Director of ALMS, indicated that they could absorb some of the funds for this year

Actions Taken

- I created a letter that was sent to LISC on May 6 making our request and summarizing the importance of LakeWatch.
- LISC responded with follow-up questions about the amount of funds ALMS will be able to absorb
- I requested this information from Brad and a list of priority lakes. His response indicated that they are waiting on confirmation from various sources to determine their financial situation. He identified Muriel and Skeleton lakes as lakes with specific water quality issues; Jessie and Moose lakes as lakes with research or management efforts; and Crane lake for valuable long-term trends.
- I am in discussion with Kristina and Arriane on how to proceed

Next Steps

- Respond to LISC

Watershed Restoration and Resiliency Program (WRRP) -1

Summary

Jessie Lake Tree Planting:

- I was contacted by Dan from Boreal Horticultural Services. He would like to start planting the trees along Jessie Lake after the May long weekend. He needs an idea of where the trees are to be planted, and the site prepared if required.
 - I want a site assessment completed and photographs taken before trees are planted
 - I want photos taken annually at the exact same location and approximately the same time of year to have a visual method to help assess our progress

Large-scale riparian assessment:

- I read the [2018 proposal](#) from Fiera Biological Consulting regarding riparian assessment. Summary:
 - Fiera Biological Consulting provided a proposal to LICA in 2018 to apply geospatial methods to assess riparian areas in the watershed. This process will assess shoreline intactness and land use pressures that may impair riparian system function. Riparian intactness is the level of natural and woody vegetation along waterways. Pressures include both human caused and natural factors that may influence riparian health. Intactness and pressure scores are combined to determine high, medium, and low priorities for conservation and restoration. For example, high conservation priorities are areas with high intactness and low pressure (essentially, conserve areas that remain in their most natural state); and high restoration priorities are areas with high pressure and low intactness (most impacted areas).
 - The idea is to gain a general idea of areas that may require more in depth investigation
- I contacted Fiera to determine if the proposal stands. Their response:
 - Yes, with minor changes to cost
 - They could have the work completed by Decemeber
 - They recommended contacting the North Saskatchewan Watershed Alliance (NSWA) since they have been working closely with them for a few years on similar work.

- I contacted the NSWA to discuss their experiences with Fiera, recommendations on how to proceed and if our proposal could be designed to support their work. Their comments:
 - Highly recommended Fiera
 - Provided reference material for my information (which I have read)
 - They are assessing parts of waterways in our watershed already and they asked if we could finish those areas. I asked Fiera for a map that would indicate these areas and have sent it to the NSWA for confirmation. I am waiting for their reply.
 - They indicated that we will need to make a data sharing agreement with the Government of Alberta and made recommendations on how to proceed
- The proposal also mentions that LARA will be conducting complementary riparian assessments of lakes, and that we plan on completing the waterways that enter these lakes.

Actions Taken

Jessie Lake Tree Planting:

- I self-educated about the riparian assessment method (Cows and Fish) conducted by Colin and Erin in the past.
- I conducted a site assessment and took photos (GPS location and direction recorded) at the Jessie Lake trail location
- Contacted Colin for assistance understanding the targeted planting area around Bonnyville rodeo grounds.

Large-scale riparian assessment:

- I reached out to Kellie from LARA to determine what kind of riparian assessment that have/will complete. This information will help finalize areas we want assessed by Fiera

Next Steps

Jessie Lake Tree Planting:

- Conducted a site assessment and take photos (GPS location and direction recorded) at the Bonnyville rodeo grounds location
 - Will be meeting with Colin during the week of May 18th on site to discuss plan
- Contact the Town of Bonnyville for site preparation at the rodeo grounds if required
- Contact Dan to discuss tree planting and whether we need to meet in-person at the sites
- I would like to conduct another site assessment sometime in June after the trees are planted, since vegetation was not in full foliage

- Discuss with the Town of Bonnyville about educating their grass cutters about locations of the trees and consider having physical identification of tree locations to avoid their destruction.
- Discuss with Mason best locations for annual photos around Jessie Lake

Large-scale riparian assessment:

- Confirm locations we want assessed by Fiera
 - We may also want to include Jessie Lake in some capacity. This would help support restoration efforts.
- Create a contract with Fiera
- Create data sharing agreement with the GOA

Watershed Restoration and Resiliency Program (WRRP) -2

Summary

Erin was successful in obtaining a second [grant](#) under the WRRP. It has 4 main focuses:

1. construct a rain garden,
2. hold 'street to stream' workshops on managing runoff
3. Put up signs in areas used by off highway vehicles educating about the importance of using appropriate stream crossings instead of directly crossing streams, and
4. legacy signs educating about our efforts (ex. Beaver deceivers, Jessie Lake tree planting)

Actions Taken

- I have been in contact with Monique from GOA about the grant agreement and I should have a copy by next week

Next Steps

- Have the contract signed and returned to Monique

Watershed Planning and Advisory Council

Summary

- Erin submitted our portion of the compendium to the lead WPAC on May 1.
- They requested testimonials for the compendium
- I was contacted by Shannon Frank with the Oldman Watershed Council. She indicated that Our Living Waters is advocating for federal stimulus (post-COVID) for water projects. She is preparing one report for all interested WPACS. I indicated that we were interested.

Actions Taken

- I submitted a testimonial
- Mason has included a section requesting testimonials on evaluation forums he has sent to teachers.

Moose Lake Phosphorus Budget

Summary

The phosphorus budget has been edited and approved by the Officers. Kellie at the Lakeland Agricultural Research Association has applied for two separate grants to fund this project. I am waiting to hear back from her in June whether she was successful.

Next Steps

- Once Kellie confirms the amount required to completely fund the project, I will submit the grant proposal if required.

Note: there is no due date for the grant

Integrated Watershed Management Plan

Summary

- Through discussions with Arianne and Kristina, we have decided to pursue hiring a contractor to write the IWMP report, and have a recommendation for a specific contractor as per Erin's research. I will discuss this at the next IWMP meeting
- I am hoping to have a virtual meeting in June with the committee
- I feel the biggest issues that need to be discussed first are:
 - How we want to make the whole process relevant (have teeth)
 - How we want to approach the process
 - How do we want to define health?
 - How do we want to look at health (frameworks)?
 - Develop an engagement strategy
 - What issues in the watershed need to be addressed?
 - I will leave this topic for now because as part of the contractor's roles, we will be requesting a train the trainer session, which we hope to have done as a mock session on the committee and this question will be discussed during this event.
- There is a draft survey that was created, however, I feel it is premature to proceed with the survey. I want to do more research on appropriate survey design, implementation and evaluation before I would be comfortable with a final product. I also feel how we advertise about the survey will be a big part of the engagement strategy

Actions Taken

- I reached out to the committee to let them know that IWMP is still a priority and that I am working towards holding a virtual meeting in June.

Next Steps

- Organize background research to prepare for committee meeting
- Attend an Education and Outreach advisory committee meeting for advice on the engagement strategy

Meetings and educational sessions attended

Please see attached summaries for more information

Meetings:

- [Technical Working Group](#)
- [Muriel Lake Basin Management Society](#)

Educational

- [Reclamation Assessment Approach](#)
- [Putting Beavers to Work for Watershed Resiliency and Restoration - Understanding Beavers as a Natural Infrastructure Solution](#)

Conclusion:

This report provides the highlights from the Environmental Coordinator of what has occurred since the previous Board meeting.

Recommendation:

This report is filed with the Board Minutes for information.

Tricia B. Fleming
Environmental Coordinator

REPORT

May 14th, 2020

TO: LICA Board of Directors
FROM: Executive Director
RE: **EXECUTIVE DIRECTOR'S REPORT – May 2020**

Background:

Please consider this as a combined report to advise the Board of Directors of various duties and activities undertaken over the past month.

Discussion:

Highlights included:

- Pandemic update – LICA staff are continuing to work from home for most of the time, with the exception of work that requires office resources. A COVID-19 Return to Work Protocol (attached) was created for the LICA office to help staff safely return to suitable work when public health recommendations allow. I respectfully ask that the Board review this document and provide feedback if any. Board Officers were sent a copy and revisions have been made.
- Kristina started her role as Executive Director on May 4th, 2020 and is well underway to situating herself and making her presence known. She is actively participating in meetings, responding to inquiries, working on reports for the June 11th BOD meeting, and familiarizing herself with LICA business policies and process. Arianne is working alongside her as Executive Director for the month of May to ensure a smooth transition into the role.
- Kristina comes into the office 6 hours a day Monday-Thursday to organize her office, familiarize herself with policies, and to work on Executive Director tasks that require resource reference. Arianne comes into the office on Mondays to work on accounting tasks, which are best suited at the office, and to meet with Kristina. Eveline comes into the office for 2 hours per day Tuesday-Friday and assists staff with file retrieval, checks the mail and completes other tasks that are specific to the office space. Tricia, Tina, and Mason are all exclusively working from home.
- Weekly staff meetings are held every Wednesday to help staff feel connected and raise awareness of what everyone is working on.
- AGM Update – Proposed AGM date of October 8th, 2020. There are no conflicting Municipal Council meetings that day. Depending on the Government's restriction of

mass gatherings at that time, a virtual meeting may be required and be the ideal route to take in the event of changes in the pandemic. Kristina will look into options regarding a virtual election and how this may be achieved. If it is possible to host an in-person meeting, we propose an evening start time of 6-8pm and location TBD until we have more information. Board Officers accepted this date as a placeholder for a face-to-face or virtual meeting.

- Annual Report Update – Work is underway for the Annual Report. This year we will be looking into creating an annual report video in accompaniment with the printed copy to maximize our community reach. We would also like to honor LICA's 20th year anniversary within the report.
- Industry Funding Formula Agreement – Kristina sent the Agreement and data sheet for completion prior June 15th.
- Kristina attended the Synergy Alberta meeting on May 12th, 2020. An important key takeaway was that their funding was cut back by 80%. Next meeting is scheduled June 9th, 2020.
- Air Monitoring – Payment was received on the fourth quarter (January 1 – March 31, 2020) invoices.
- TWG committee – The TWG committee met on May 7th, 2020.
- E&O committee – The E&O committee is scheduled to meet on May 20th, 2020.
- Governance committee – The Governance committee last met on February 5th, 2020. We are waiting to schedule our next meeting until the end of the month to see how Phase 1 of Alberta's reopening will unfold and whether the Government has changed the restriction of physical gatherings. An in-person meeting would be ideal to review the Bylaws in advance of the AGM. Kristina has connected with John Ilchuk, chair of the committee regarding this matter.
- IWMP committee – The IWMP committee has not met since December 16th, 2019. Tricia is looking at scheduling a meeting in June.
- WPAC/AEG – The WPAC and AEG grant interim reports were submitted on April 15th. We received confirmation from AEP that the reports were received, however we have not received installments on this year's grants to date.

Conclusion:

The above provides highlights of the past month in the LICA Office, in addition to the more routine tasks that we undertake on a regular basis.

Recommendation:

That this report be received as information and filed.

Respectfully submitted,

Arienne Crook and Kristina Martel
EXECUTIVE DIRECTOR

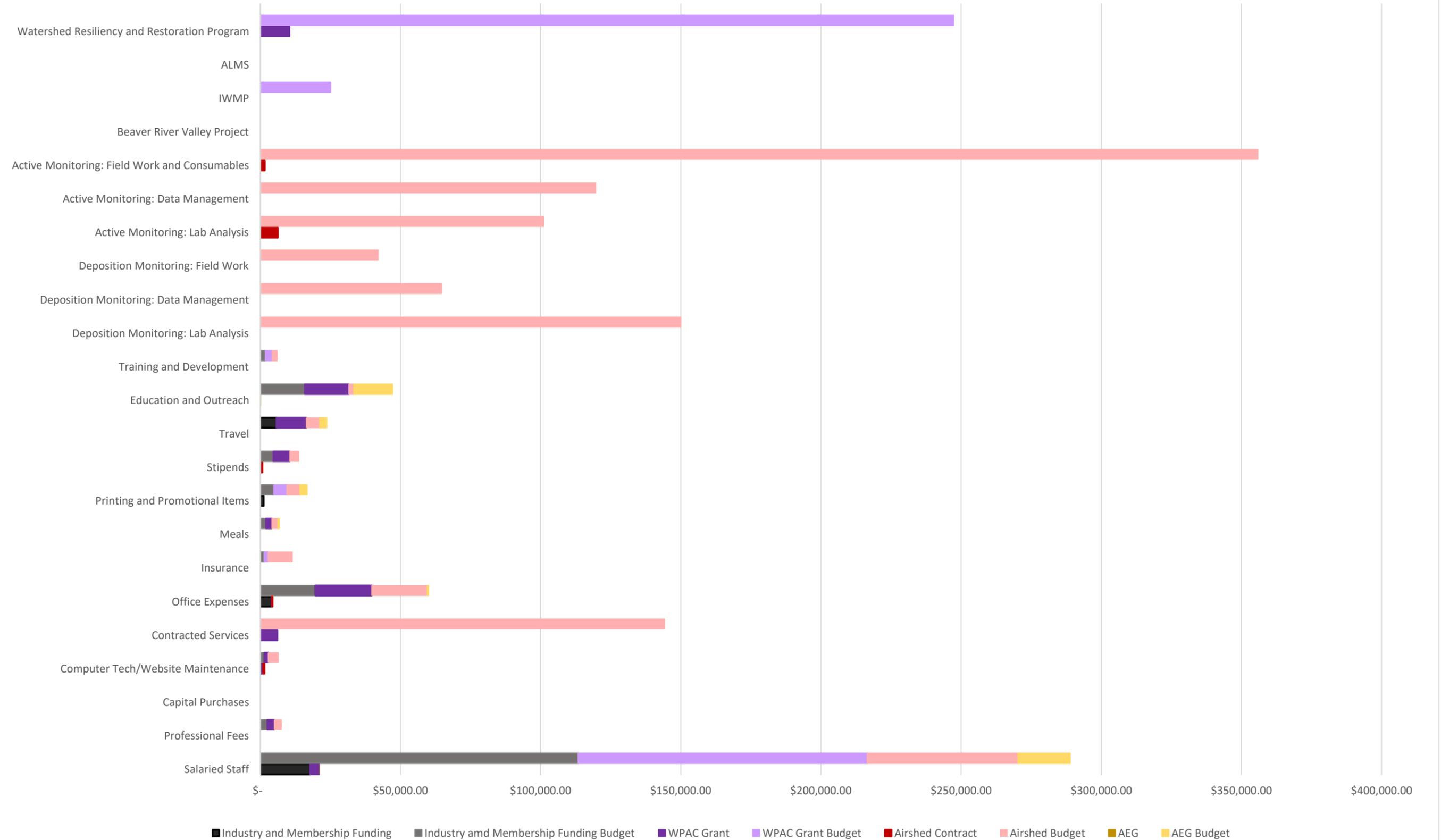
LICA

Aged Customer Summary as of May 11, 2020

Name		2020-2021 Budget	Balance Owing	under 30 days	31 - 60 days	61 to 90 days	91+ days
AEP			\$ -				
	Air Monitoring Contract	\$ 1,083,857.13	\$ -				
	WPAC Grant/WRRP	\$ 442,250.00	\$ -				
	Airshed Engagement Grant	\$ 38,000.00	\$ -				
Agriculture in the Classroom Canada		\$ 1,000.00	\$ -				
Baytex		\$ 14,676.99	\$ 2,178.32		\$ 2,178.32		
Canadian Natural Resources Ltd.		\$ 75,278.69	\$ 48,779.28		\$ 14,657.78	\$ 34,121.50	
Cenovus FCCL Ltd.		\$ 38,220.63	\$ 7,221.18		\$ 7,221.18		
City of Cold Lake		\$ 750.00	\$ -				
County of Lac La Biche		\$ 500.00	\$ -				
County of Vermillion River		\$ 500.00	\$ 500.00				\$ 500.00
Husky Energy		\$ 20,590.71	\$ 3,447.02		\$ 3,447.02		
Imperial Oil Resources Ltd.		\$ 42,540.06	\$ 13,396.76		\$ 8,146.76		\$ 5,250.00
Municipal District of Bonnyville No. 87		\$ 750.00	\$ -				
OSUM Oil Sands Corp.		\$ 14,473.07	\$ -				
CONA Resources		\$ 14,602.84	\$ -				
Pure Environmental		\$ 1,000.00					
Town of Bonnyville		\$ 500.00	\$ -				
Village of Glendon		\$ 250.00	\$ -				
		\$ 1,789,740.12	\$ 75,522.56	\$ -	\$ 35,651.06	\$ 34,121.50	\$ 5,750.00

LICA Consolidated Finances to Date

April 30, 2020

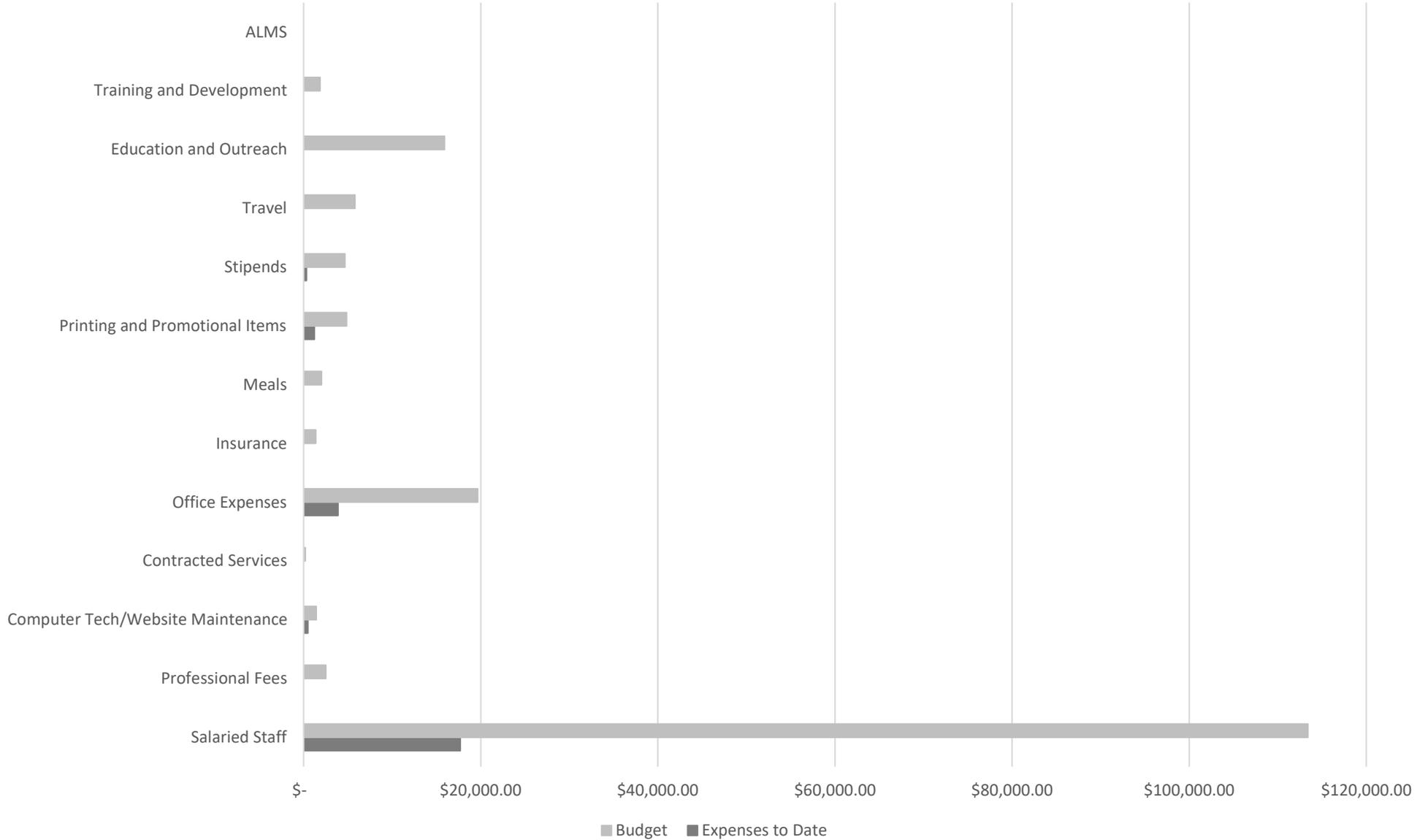


Finances to Date

April 30, 2020												
Revenue	Industry Funding			WPAC Grant			Air Monitoring Contract			Airshed Engagement Grant		
	Actual Revenue	Budget	Balance	Actual Revenue	Budget	Balance	Actual Revenue	Budget	Balance	Actual Revenue	Budget	Balance
Membership Fees		\$ 38,250.00	\$ 38,250.00									
Funding Formula		\$ 135,383.00	\$ 135,383.00									
Misc		\$ -	\$ -									
Grant Revenue												
WPAC Operational Grant					\$ 195,000.00	\$ 195,000.00						
AEG Grant											\$ 38,000.00	\$ 38,000.00
WRRP Grant				\$ 247,250.00	\$ 247,250.00	\$ -						
Grant Carry-Over				\$ 15,502.00	\$ 11,294.00	\$ (4,208.00)						
Contract Revenue					\$ -	\$ -		\$ 1,083,857.13	\$ 1,083,857.13			
TOTAL REVENUE	\$ -	\$ 173,633.00	\$ 173,633.00	\$ 262,752.00	\$ 453,544.00	\$ 190,792.00	\$ -	\$ 1,083,857.13	\$ 1,083,857.13	\$ -	\$ 38,000.00	\$ 38,000.00
Expenses	Expenses to Date	Budget	Balance	Expenses to Date	Budget	Balance	Expenses to Date	Budget	Balance	Expenses to Date	Budget	Balance
Salaried Staff	\$ 17,683.07	\$ 113,407.00	\$ 95,723.93	\$ 3,293.99	\$ 103,150.00	\$ 99,856.01	\$ -	\$ 53,750.00	\$ 53,750.00	\$ -	\$ 18,600.00	\$ 18,600.00
Professional Fees	\$ -	\$ 2,500.00	\$ 2,500.00	\$ -	\$ 2,500.00	\$ 2,500.00	\$ -	\$ 2,500.00	\$ 2,500.00			
Capital Purchases		\$ -	\$ -				\$ -	\$ -	\$ -			
Computer Tech/Website	\$ 487.83	\$ 1,420.00	\$ 932.17	\$ 487.87	\$ 1,420.00	\$ 932.13	\$ 487.87	\$ 3,560.00	\$ 3,072.13	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ 200.00	\$ 200.00	\$ 6,023.07	\$ -	\$ (6,023.07)	\$ -	\$ 144,000.00	\$ 144,000.00			
Office Expenses	\$ 3,888.86	\$ 19,658.00	\$ 15,769.14	\$ 187.92	\$ 20,088.00	\$ 19,900.08	\$ 299.51	\$ 19,838.00	\$ 19,538.49	\$ -	\$ 350.00	\$ 350.00
Insurance	\$ -	\$ 1,370.00	\$ 1,370.00	\$ -	\$ 1,370.00	\$ 1,370.00	\$ -	\$ 8,670.00	\$ 8,670.00			
Meals	\$ -	\$ 2,028.00	\$ 2,028.00	\$ -	\$ 2,080.00	\$ 2,080.00	\$ -	\$ 2,140.00	\$ 2,140.00	\$ -	\$ 500.00	\$ 500.00
Printing and Promotional Items	\$ 1,210.10	\$ 4,850.00	\$ 3,639.90	\$ -	\$ 4,650.00	\$ 4,650.00	\$ -	\$ 4,650.00	\$ 4,650.00	\$ -	\$ 2,450.00	\$ 2,450.00
Stipends	\$ 316.70	\$ 4,665.00	\$ 4,348.30	\$ 216.65	\$ 5,845.00	\$ 5,628.35	\$ 216.65	\$ 3,205.00	\$ 2,988.35			
Travel	\$ -	\$ 5,785.00	\$ 5,785.00	\$ -	\$ 7,305.00	\$ 7,305.00	\$ -	\$ 4,785.00	\$ 4,785.00	\$ -	\$ 2,400.00	
Education and Outreach	\$ -	\$ 15,900.00	\$ 15,900.00	\$ -	\$ 15,750.00	\$ 15,750.00	\$ -	\$ 1,750.00	\$ 1,750.00	\$ 19.08	\$ 13,700.00	\$ 13,680.92
Training and Development	\$ -	\$ 1,850.00	\$ 1,850.00	\$ -	\$ 2,500.00	\$ 2,500.00	\$ -	\$ 1,600.00	\$ 1,600.00			
Deposition Monitoring: Lab Analysis							\$ -	\$ 150,000.00	\$ 150,000.00			
Deposition Monitoring: Data Management							\$ -	\$ 64,748.00	\$ 64,748.00			
Deposition Monitoring: Field Work							\$ -	\$ 42,000.00	\$ 42,000.00			
Active Monitoring: Lab Analysis							\$ 6,210.00	\$ 101,118.50	\$ 94,908.50			
Active Monitoring: Data Management							\$ -	\$ 119,630.78	\$ 119,630.78			
Active Monitoring: Field Work/Consumables							\$ 1,616.35	\$ 355,911.85	\$ 354,295.50			
Beaver River Valley Project							\$ -	\$ -	\$ -			
IWMP				\$ -	\$ 40,502.00	\$ 40,502.00						
Watershed Restoration and Resiliency				\$ 10,395.00	\$ 247,250.00							
ALMS	\$ -	\$ -	\$ -									
TOTAL EXPENSES	\$ 23,586.56	\$ 173,633.00	\$ 150,046.44	\$ 20,604.50	\$ 454,410.00	\$ 196,950.50	\$ 8,830.38	\$ 1,083,857.13	\$ 1,075,026.75	\$ 19.08	\$ 38,000.00	\$ 35,580.92
EXCESS REVENUE OVER EXPENSES	\$ (23,586.56)	\$ -		\$ 242,147.50	\$ (866.00)		\$ (8,830.38)	\$ -		\$ (19.08)	\$ -	
TOTAL BUDGETS	\$ 1,749,900.13			WPAC Grant	\$ 196,950.50							
				WRRP Grant	\$ 236,855.00							

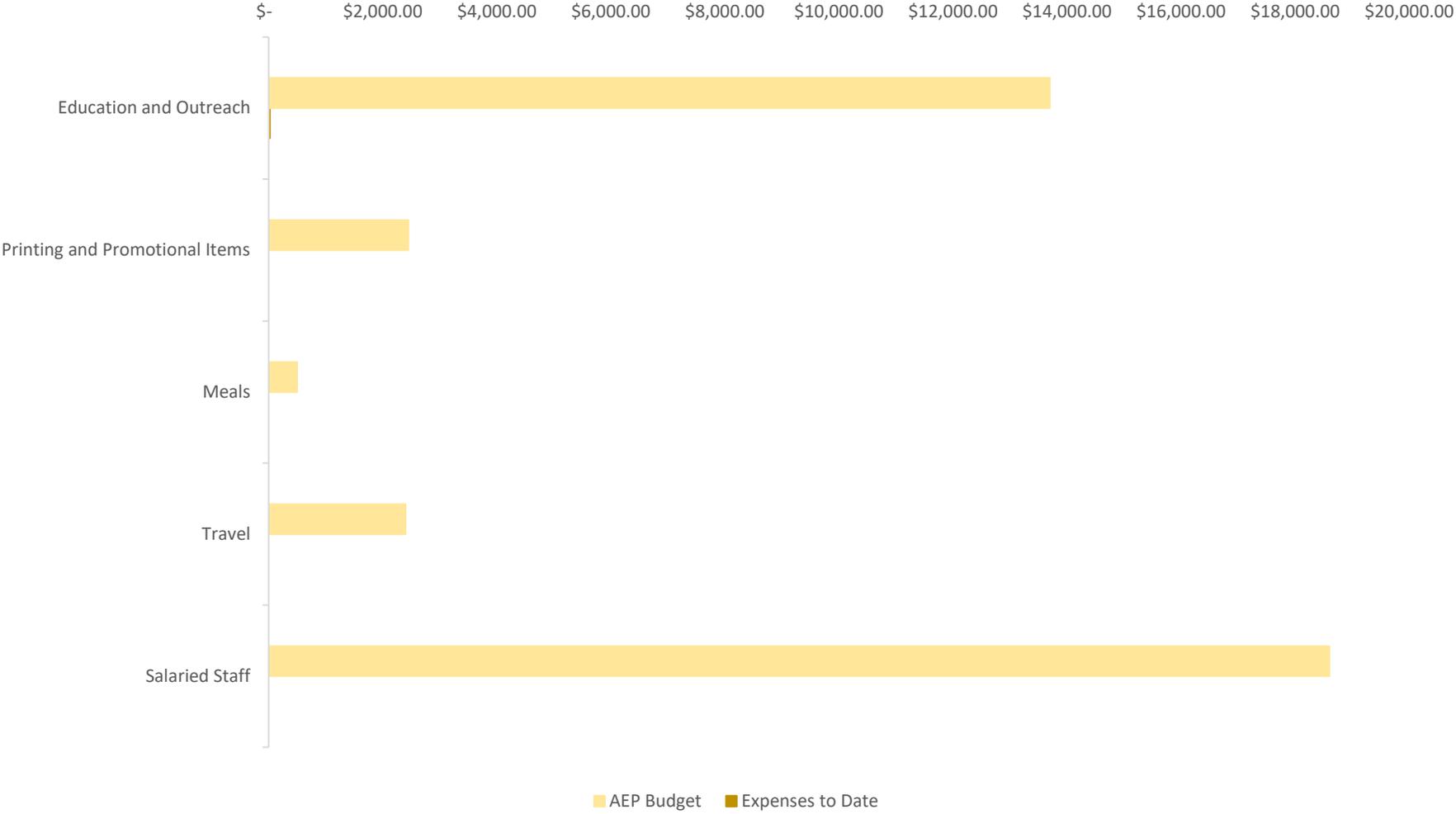
Industry and Membership Funding Expenditures to Date

April 30, 2020



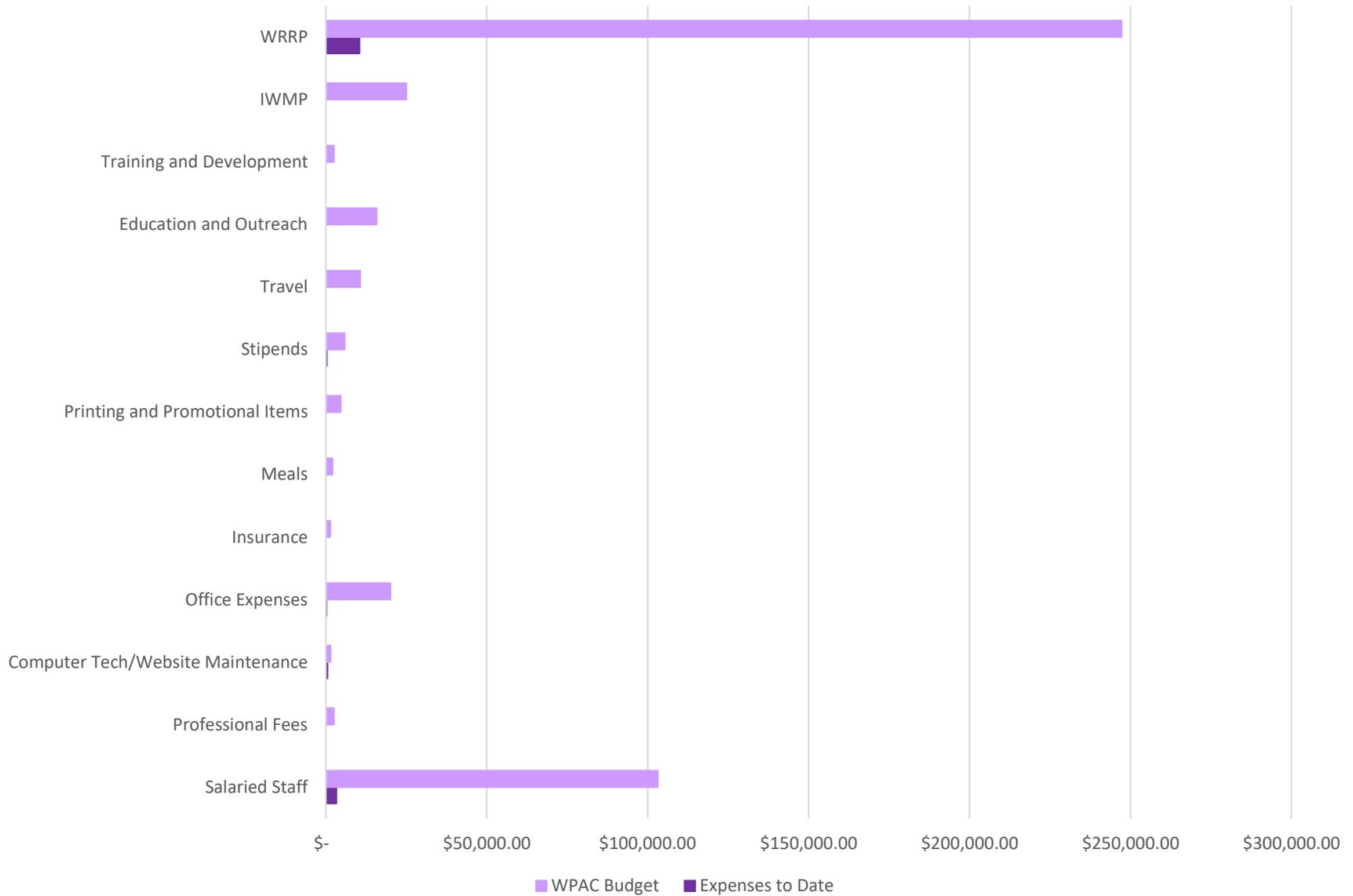
Airshed Engagement Grant

April 30, 2020



WPAC Grant Expenditures to Date

April 30, 2020



Airshed Contract Expenditures to Date

April 30, 2020

