



Lakeland Industry and Community Association

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TECHNICAL WORKING GROUP

Meeting Minutes

April 29, 2019 – 1:00 p.m. - 4:00 p.m.

LICA Board Room

Present:

Annette Hobart, Committee Chairperson
Andrea Woods (arrived at 1:25 p.m.)
Patrick Traudt
Nathan Ballard (via teleconference)
Shawn Elgert (via teleconference)
Megan Tilley
Roger Boucher
Amanda Avery-Bibo (arrived at 1:20 p.m.)

Observers and Guests:

Staff and Contractors:

Arienne Crook, LICA Executive Director
Michael Bisaga, Manager, Environmental Monitoring Programs
Lily Lin, Data Reporting Specialist
Erin Ritchie, Manager of Environmental Programs
Lisa Ratte, Education & Outreach Coordinator
Tina Martin, LICA Administrative Professional

Regrets:

Fin MacDermid

1.0 CALL TO ORDER:

Annette Hobart, Chairperson, called the meeting to order at 1:10 p.m.

1.1 Introductions

1.2 Vision, Mission and Values

1.3 Roll Call

1.4 Approval of Agenda

#1 Moved by Partick Traudt AND RESOLVED that the April 29, 2019 Agenda be approved as presented.

1.5 Approval of Minutes

1.5.1 January 22, 2019

#2 Moved by Megan Tilley AND RESOLVED that the January 22, 2019 Minutes be approved as presented.

2.0 ONGOING BUSINESS

2.1 Moose Lake

A Phosphorous Budget Proposal is required to be selected in order for a proposal to be included in the 2019/20 WPAC operational grant. The Moose Lake Watershed Society will be conducting an internal phosphorous load study which will feed into LICA's Phosphorous Budget. Erin is seeking out suggestions and comments on the proposals given by CPP and Associated Environmental.

2.1.1 CPP Environmental

Erin presented an overview of the CPP Environmental proposal to complete a phosphorous budget on Moose Lake.

2.1.2 Associated Environmental

Erin presented an overview of the Associated Environmental proposal to complete a phosphorous budget on Moose Lake.

Erin requested that members of the Technical Working Group provide comments via email by the end of the day on Friday, May 3rd and will request an email motion to select a proposal to move forward with.

2.2 Watershed Update

2.2.1 WPAC Interim Funding

Erin presented a letter from AEP confirming approval of interim funding for \$100,000 for program continuity during and after the election. An interim grant agreement was signed by the required officers within the 24 hour deadline.

2.3 WRRP

2.3.1 WRRP Funding

Erin presented a letter from AEP confirming approval of \$247,250 for the Lower Beaver River Watershed Restoration project. No grant agreement has been sent to LICA to sign as of yet.

2.3.2 Riparian Assessment in Beaver Watershed Proposal

Erin presented the Riparian Assessment Proposal for the Beaver River Watershed. Funding for completion of this proposal is covered through the WRRP Grant that we were successful in acquiring. The members of the Technical Working Group have been asked to review the proposal to ensure completeness before implementation. An email motion to proceed will be sought once feedback has been received.

2.4 Monitoring Operations Update

2.4.1 2019-2020 OSM Work Plans

2.4.1.1 Active Monitoring Network

A new site has been identified for the Maskwa station, we are awaiting input from AEP auditors.

Mike presented a draft of the new continuous monitoring Dashboard Report. Highlights of the report include elevated NO₂ at the Cold Lake Station in February due to the cold temperatures and the demand for home heating. There were a few exceedances of the 1-hour objective for ozone in March, elevated ozone concentrations were measured across the Province. Ozone levels typically peak in the spring due to atmospheric mixing and long range transport. There were also exceedances of the 1-hour objective for H₂S measured at the PAMS in March. Wind direction during the exceedances indicate that the H₂S source is the Bonnyville sewage lagoons.

There are cameras at the active monitoring sites that are used to assist with visual confirmation of certain parameters, namely particulate matter. These cameras have been down since implementation of the new data management system and both Mike and Lily have been working to restore their functionality.

2.4.1.2 Passive Monitoring Network

Data for the quarterly passive monitoring are not yet available for January-March.

2.4.1.3 Ambient Air Quality Surveillance Beaver River Valley

All four meteorological stations have now been deployed along the Beaver River Valley. Initial data collected by the first station that was deployed confirms that wind patterns are different in the valley, than in the surrounding area. Discussions are underway with land owner's to move one of the stations to the south side of the Beaver River as all stations are currently located on the north side of the river.

2.4.1.4 Soil Acidification Monitoring Program

No Report.

2.4.2 Quality Assurance Plan Renewal Project

A third-party audit of LICA's updated QAP will be completed during the first or second quarter of this year.

2.4.3 Network Operations Contract: In-House Reporting Trial

Mike and Lily are looking at bringing some of the reporting in-house. A detailed proposal will be ready for consideration at the next TWG meeting.

3.0 ACTION LIST

3.1 Follow-up on Action List

3.1.1 January 22, 2019 TWG Meeting

The Technical Working Group reviewed the action list from the January 22nd meeting.

4.0 UPCOMING MEETING DATES

4.1 Board Meeting – May 16, 2019

4.2 Next TWG Meeting – TBD

Tina will send out a Doodle Poll to schedule the next Technical Working Group meeting for the first week of June 2019.

5.0 ADJOURNMENT

The meeting adjourned at 2:50 p.m.

#3 Moved by Megan Tilley AND RESOLVED that the meeting be adjourned.

Approved on: _____
Date

Signature