



Lakeland Industry and Community Association

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

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## **TECHNICAL WORKING GROUP**

### **Meeting Minutes**

**September 12, 2019 – 9:00 a.m. - 12:00 p.m.**

**LICA Board Room**

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**Present:** Annette Hobart, Committee Chairperson  
Andrea Woods  
Shawn Elgert (via teleconference)  
Patrick Traudt  
Megan Tilley  
Nathan Ballard (via teleconference)  
Amanda Avery-Bibo

**Observers and Guests:**

**Staff and Contractors:** Arianne Crook, LICA Executive Director  
Michael Bisaga, Manager, Environmental Monitoring Programs  
Lily Lin, Data Reporting Specialist  
Erin Ritchie, Manager of Environmental Programs  
Tina Martin, LICA Administrative Professional

**Regrets:** Fin MacDermid  
Randy Parenteau  
Roger Boucher

#### **1.0 CALL TO ORDER:**

Annette Hobart, Chairperson, called the meeting to order at 9:01 a.m.

#### **1.1 Introductions**

#### **1.2 Vision, Mission and Values**

#### **1.3 Roll Call**

#### **1.4 Approval of Agenda**

**#1 Moved by Megan Tilley AND RESOLVED that the September 12, 2019 Agenda be approved as presented.**

## **1.5 Approval of Minutes**

### **1.5.1 June 11, 2019**

**#2 Moved by Andrea Woods AND RESOLVED that the June 11, 2019 Minutes be approved as presented.**

## **2.0 ONGOING BUSINESS**

### **2.1 Watershed Update**

#### **2.1.1 WRRP 2019-21 Grant**

Erin reminded the Technical Working Group that we received a letter from AEP in March confirming that we were successful in obtaining the WRRP grant. To date we have not received a grant agreement or grant funds. Once received, this grant will go towards riparian fencing, off site watering, riparian planting, aerial data, and pond levelers. The riparian plants that we put a deposit on last year, are able to be frozen until we receive our new grant funding.

Erin has begun preparing the 2020-2022 grant application, which we anticipate will be due at the end of October.

#### **2.1.2 WPAC 2019-20 Operational Grant**

Ariane reminded the Technical Working Group that we received a \$100,000 installment on the WPAC grant which has been funding operations to date. Erin informed the TWG that we still have not heard how much further funding we may receive. Depending on the outcome of the grant application, we may need to seek alternate funding for the Moose Lake Phosphorus Budget project.

#### **2.1.3 ALMS 2019 Testing**

September is the last month for completion of the ALMS lake testing before analysis and reporting begin. To date, all but one lake has had all four rounds of sampling completed.

Next week, on September 18<sup>th</sup> and 19<sup>th</sup> is the ALMS annual conference at Lake Chestermere. We still have one spot available if any committee member is interested in attending.

## **2.2 Monitoring Operations Update**

### **2.2.1 2019-2010 OSM Work Plans**

#### **2.2.1.1 Project Revisions**

Erin notified the Committee that the Surface Water Quality Sampling Work Plan will not get funding in time to complete our creek testing this year. The integration has caused some confusion as to who receives the funds from the approved work plans and there have been further complications with changes in project leads. However, there is no current action required by LICA at this time.

Mike notified the Committee that the Integrated Deposition Monitoring Work Plan, which included the passive monitoring network and the soil deposition testing, have been approved.

#### **2.2.1.2 Active Monitoring Network**

The PAMS is located east of Bonnyville; monitoring data indicate that the Town of Bonnyville sewage lagoons are a source of H<sub>2</sub>S. Exceedances of the Ambient Air Quality Objective for H<sub>2</sub>S typically correlate with warmer weather and the associated increased rate of organic matter decay and the calm nighttime meteorological conditions that hinder the dispersion of pollutants.

The recently installed security cameras at the PAMS unit have provided visual confirmation that certain pollutant spikes in the morning can be attributed to the start-up of near-by diesel equipment before heading off site.

The first OSM-wide Standard Operating Procedure has been completed for SO<sub>2</sub> and is ready for implementation.

Since shifting to in-house preparation of monthly reports, reports have been completed and submitted to AEP on-time.

#### **2.2.1.3 Passive Monitoring Network**

Data for the quarterly passive monitoring are not yet available for May to August.

#### **2.2.1.4 Ambient Air Quality Surveillance Beaver River Valley**

Meteorological monitoring along the Beaver River Valley is ongoing. One of the meteorological stations has ceased communications with the LICA server; staff will visit the station to re-establish a connection.

### **2.2.1.5 Soil Acidification Monitoring Program**

The soil deposition program has been approved along with all other components of the Integrated Deposition work plan; this means that funding will be provided to cover analysis of last year's samples, and this year's sample collection and analysis. It is likely that a contract and associated funding will not be received in time to complete collection of the soil samples this fall. Interim funding may be needed so that the soil samples can be collected on time.

The TWG recommends that an interim funding proposal be drafted and presented to the board for consideration.

## **2.3 Integrated Watershed Management Plan**

### **2.3.1 IWMP Overview**

Erin presented the Project Plan for the Integrated Watershed Management Plan. The TWG recommended that Erin keep the Engagement and Communication Strategies ongoing throughout the entire 3-year plan. This will ensure that all stakeholders and participants, including Indigenous communities, within the Beaver River Watershed, remain engaged and informed throughout the process.

### **2.3.2 Public Engagement – Online Survey**

Erin gathered input on the IWMP survey questions from the committee. The survey will be distributed to residents who live in the Beaver River Watershed to identify key issues and areas of concern related to the watershed. The information gathered through the survey will serve as the foundation of the IWMP.

## **3.0 ACTION LIST**

### **3.1 Follow-up on Action List**

#### **3.1.1 June 11, 2019 TWG Meeting**

The Technical Working Group reviewed the action list from the June 11<sup>th</sup> meeting. Progress in being made with Imperial Oil to complete the Site Access Agreement required to move the Maskwa station to the new site. The PAMS II proposal is on hold until the Network Optimization is completed. In the meantime, Mike has been reviewing low-cost, easily-deployed, monitoring alternatives that LICA may explore in the future.

**4.0 UPCOMING MEETING DATES**

**4.1 Board Meeting – September 26, 2019**

**4.2 Next TWG Meeting – TBD**

**4.3 Annual General Meeting – October 9, 2019**

**5.0 ADJOURNMENT**

The meeting adjourned at 11:34 a.m.

**#3 Moved by Patrick Traudt AND RESOLVED that the meeting be adjourned.**

Approved on: \_\_\_\_\_  
Date

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Signature