

# Education & Outreach Committee

## Meeting Minutes

Monday, May 8, 2023  
1:00 p.m. – 4:00 p.m.  
LICA Boardroom and via Microsoft Teams

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**Present:** Louise White-Gibbs  
Murray Phillips (*left at 2:20pm*)  
Duane Zaraska  
Colin Cote  
Cindy Connolly  
Kim Foisy  
Evelyn Mondares (*left at 2:30pm*)

**Guests and Observers:** Robert Machatis

**Staff and Contractors:** Kristina Morris, LICA Executive Director  
Stephanie Sitkowski, Education & Outreach Coordinator  
Kayla Hellum, Environmental Coordinator  
Lori Jodoin, LICA Administrative Professional

**Regrets:** Gabrielle Whiskeyjack  
Amanda Avery Bibb

### 1.0 CALL TO ORDER

The Committee Chairperson called the meeting to order at 1:02 p.m.

#### 1.1 Territorial Acknowledgement

#### 1.2 Vision, Mission, and Values

#### 1.3 Introductions

#### 1.4 Roll Call

## **1.5 Approval of Agenda**

### **1.5.1 May 8, 2023, Education and Outreach Committee Agenda**

The Environmental Coordinator amended the agenda to include 3.6 LICA's Little Environmental Stewards Program, in the New Business Section.

**#1 Moved by Duane Zaraska AND CARRIED that the May 8, 2023, Agenda be amended to include 3.6 LICA's Little Environmental Stewards Program.**

## **1.6 Approval of Minutes**

### **1.6.1 February 7, 2023**

**#2 Moved by Louise White-Gibbs AND CARRIED that the February 7, 2023, Minutes be approved as presented.**

## **2.0. ONGOING BUSINESS**

### **2.1 Education & Outreach Update**

The Education & Outreach (E&O) Coordinator presented her Update to the Committee, noting:

- Morgan Gillis has been hired as LICA's Summer Student. She started on May 1, 2023. One of her tasks will be to develop a program for the FASD Camp. She will also be working on YouTube videos/ reels this summer, as Facebook is not the best site to reach youth.
- The last two presentations are being updated- Wetlands and Water Quality. The Wetlands Presentation is booked and will be held in the next couple of weeks.
- X-Stream Science currently has three slots booked out of five. If all these fill up, there is the possibility of adding more days if needed. She has started to look at the sites where these streams are located, to make sure they would still be good to use. The Environmental Officer from Cold Lake Base has given LICA permission to use the stream on the military base. The other sites are on Crown Land, and do not require permission or licensing.
- There is a possibility of hosting a Cows and Fish Workshop, with the option of one or two days. The two-day workshops would include a municipal-focused workshop at a site like Jessie Lake and a producer-focused workshop on agricultural land. One Committee member suggested bringing them in for two days, as it would reach a greater audience. Another member shared that those two workshops are completely different so holding both would be beneficial. The E&O Coordinator asked if LICA would be able to pay for some of the costs for the two speakers who would be coming to present. The Executive Director shared that once the amount is determined, it will need to be brought to the Board of Directors or the Officers for final approval, as per LICA policy. She also stated that Cows and Fish have done a lot for LICA with their in-kind support, so she sees no issue in supporting their accommodation and travel expenses. The Committee agreed to hold a

two-day workshop and to cover the cost of travel and accommodation for the presenters. The Executive Director also stated that the E&O Coordinator should send a letter of invitation to all the Municipal Partners for the municipal workshop. Another Committee member also suggested sending the invite to the Agricultural Service Boards for the producer workshops as well. The chairperson agreed that if an invite was sent to the Agricultural Service Board, they could fan it out to producers and municipalities.

**#3 Moved by Colin Cote AND CARRIED that LICA hosts a two-day Cows and Fish Workshop and covers the cost of travel and accommodation for the presenters.**

## **2.2 Community Garden Update**

The Education and Outreach Coordinator presented an update to the Committee on the Community Garden noting:

- The garden will be open to the public on May 20, 2023. Some garden members have requested to get in sooner to begin planting, but in speaking with a horticulturalist, the E&O Coordinator was told that planting before May long weekend could hurt the plants.
- Lights and cameras will be installed prior to opening day.
- Seven plots have once again been reserved for the Bonnyville Food Bank. The produce grown in them will be given to the Food Bank.
- A local gentleman who is new to the community will be donating around sixty packages of seeds for the garden. He was also inquiring if any equipment may be needed for the garden.
- Manufacturing of the water tank stand is in progress from Precision and arrangements will be made for drop off and set up.
- With the soil being hard in the garden plots, the E&O Coordinator is looking for quotes to get triple mix, topsoil, or compost to be mixed into all the plots.
- A port-a-potty will be set up at the garden, starting June 1, 2023.

### **2.2.1 Community Garden Noxious Weed Brochure**

The Environmental Coordinator presented the Community Garden Noxious Weed Brochure to the Committee for information. Three Noxious weeds are present at the Community Garden, so she created this brochure specifically for the Garden members to raise awareness so they could assist with pulling these weeds to help control the spread. These brochures will be printed off and given in the gardener's welcome bags. A few will also be in the garden shed for reference.

Since the garden is organic, mechanical control will be used instead of chemical application. Committee members thought that the brochure looked great and had no concerns with publishing it.

### **3.0 NEW BUSINESS**

#### **3.1 2024 Calendar Contest Theme**

The Committee had a discussion to choose the theme for the 2024 Calendar Contest. One member suggested that it be broad enough to encourage more submissions. Various themes were discussed during the brainstorm, ranging from wildlife, species at risk, invasive species, camping, and weather. It was decided to choose Species at Risk for the 2024 Calendar Contest and then Invasive Species for the 2025 Calendar Contest.

The E&O Coordinator said she would send the poster to all schools in the LICA region. The Executive Director agreed and thought it would be a good opportunity to go into the schools, in person, to deliver the posters. Since the LICA region is large, committee members and LICA staff could also assist in delivering the posters. One member also suggested that the E&O Coordinator hand out the posters while holding presentations, for further reach.

The Committee agreed to keep the cash prizes the same as last time, which was \$50.00 each for 13 pictures (the cover and 12 months).

**#4 Moved by Duane Zaraska AND CARRIED that the 2024 Calendar Contest Theme “Species-at-Risk in the LICA Region” and the 2025 Calendar Contest Theme “Invasive Species in the LICA Region” be approved.**

#### **3.2 Presentation Request – Eco-Friendly End of Life**

The Education and Outreach Coordinator had a member of the public request a presentation on Eco-Friendly End of Life information. This presentation would look at alternatives to traditional burial and cremation. One member spoke about making sure these alternatives would be possible in our area, prior to a presentation being held.

The E&O Coordinator wanted firstly to make sure this aligns with LICA’s Mission, Vision, and Values. The Executive Director stated that it would have to be a factual presentation and be directly connected to its effect on the environment.

The E&O Coordinator said she would do some more research on this and if it connects with LICA’s environmental side then she would bring it back to the Committee. If it didn’t, she would pass on the idea. The Committee supports her doing more research but did not want too much time put into this as summer is very busy for the E&O Coordinator, with many programs occurring. Another member stated that the cultural backgrounds of our community need to be taken into consideration, as beliefs and values can vary greatly on this topic.

#### **3.3 Keep Our Lake Blue Campaign**

The E&O Coordinator will be attending the Environment Week Kick-Off on June 4<sup>th</sup> in Lac La Biche. A booth will be set up there for the Keep Our Lake Blue Campaign. She has updated the KOLB posters and brochures for Healthy Water Lac La Biche and will be updating and signing the MOU with them today. An E&O Committee member with Healthy Water Lac La Biche asked if any funding would be available from LICA, so they could do printing for KOLB materials. Looking at the MOU, the

E&O Coordinator read Item 11 that states Healthy Waters Lac La Biche will purchase all materials required to complete the campaign. Item 5 states LICA will provide Campaign resources and materials to Healthy Waters LLB, which was interpreted by the committee as LICA procuring the signs on their behalf. The expectation would be that the signs are returned at the end of the season.

The Executive Director suggested that the member submit a request that would be shared with the Officers/Board if they decided to ask for additional funding support as LICA wants these campaigns to be successful.

The Executive Director asked if the committee would want to run KOLB advertisements in Bonnyville, to maintain its presence, as Moose Lake water health is an ongoing issue. The E&O Coordinator agreed that the signups could happen at events in the area. One member stated that it's a great campaign and should be continuously promoted.

### **3.4 Shoreline Clean-ups**

The E& O Coordinator shared that no Shoreline Clean-ups are currently scheduled. She is aware that there is usually one in the Fall that is done in conjunction with Notre Dame High School, but she will have to reach out to them to confirm.

The Executive Director reminded the Committee that two shoreline cleanups need to occur in the year, as part of LICA's Strategic Plan targets. These cleanups are also for noxious weed pulls and larger debris removal. She mentioned that last year, the committee suggested LICA conduct a larger scale shoreline clean-up of Moose Lake that involved removing larger debris, as there were multiple complaints regarding debris in the water. If this is something the committee wanted to further entertain, coordination with removal companies would need to occur. The E&O Coordinator was going to connect with municipalities once locations are chosen, to see if they could assist with large debris removal trucks.

#### **3.4.1 Potential Dates**

The Education and Outreach Coordinator will choose dates with municipalities when she reaches out to them.

#### **3.4.2 Potential Locations**

The E&O Coordinator asked the Committee if they would like to stay with the locations that have been done in the past, or if LICA should look at new locations that could benefit from the cleanup. The Environmental Coordinator suggested that St. Paul may be a good location as they have a walking trail alongside of their lake. The E&O Coordinator liked this suggestion as a way to have LICA be more present in the town.

The E&O Coordinator suggested having one cleanup in Bonnyville and then choosing a new location for the second cleanup. Another member suggested that Lac La Biche might also be a good area to consider. The E&O Coordinator said that a shoreline cleanup is a part of the MOU for the KOLB

Campaign, so Lac La Biche would have one done there already. LICA could assist in advertising through social media to draw in volunteers and provide equipment like picker sticks.

The Committee decided on three locations. First to reach out to St. Paul to see if they would be interested. The second cleanup would be in Lac La Biche through the KOLB campaign and a Fall cleanup of Jessie Lake with Notre Dame High School.

### **3.5 Bonnyville Oil & Gas Show Volunteer Sign-Up**

The Education and Outreach Coordinator shared the Bonnyville Oil & Gas Show Volunteer Sign-Up Sheet with the Committee. The Executive Director expressed the importance of having Board and E&O Committee member representation at the show. Committee members were asked to email by Thursday, May 11<sup>th</sup> if there was a day and time that worked for them. If they would like to be partnered with a specific staff member that information should also be included in their email.

### **3.6 LICA's Little Environmental Stewards Program**

The Environmental Coordinator presented the draft form of LICA's Little Environmental Stewards Program to the Committee, asking for input. She provided background for this program, stating that this idea originated from the last LICA Watershed Committee meeting when discussing projects that could support the IWMP Implementation.

She proposed that LICA develop and host a field day for youth, possibly with grades 4-5, as she believes it aligns closest with their curriculum. There would be three different stations that the students would attend throughout the day, ranging in topics from water quality/fish habitat, a nature hike to support plant & animal identification, and air quality. The Environmental Coordinator made mention of another field program that takes place in the Bonnyville area; Walking with Moose, developed and offered by Moose Lake Watershed Society which targets grade 5 students. The LICA's Little Environmental Stewards program would mirror LICA's three components and also incorporate an Indigenous Knowledge component with many hands-on opportunities for students. It will be a direct tie to the IWMP and how it will be implemented with the youth in our community.

The members stated how much they loved the idea of this program, especially mentioning the Indigenous aspect which was incorporated. Another member agreed but had a suggestion to change the title to LICA's Junior Environmental Stewards, verse Little, as grade four and five students may not like to be called little. The Guest Observer states that he was in support of this program.

The Environmental Coordinator spoke about various components of the program that came from the LICA Watershed Committee meeting, such as getting kids out into nature and showing them what is safe and what isn't safe to eat and what makes up a healthy riparian area.

The Executive Director supported this idea and suggested some possibilities of creating videos for LICA's YouTube channel or incorporating this into the Riparian Health Campaign, by doing something similar with adults.

A committee member suggested that the swag bags could include an Invasive Plants of Alberta book. The Environmental Coordinator also had a list of resources in her proposal. The Environmental Coordinator will bring this to the Board with a plan to host the first Program in the fall.

**#5 Moved by Kim Foisy AND CARRIED that LICA's Little Environmental Stewards Program plan be accepted as proposed.**

#### **4.0 ACTION LIST**

##### **4.1 Follow-Up on Action List**

###### **4.1.1 February 7, 2023**

The Committee reviewed the E&O Action List from the February 7, 2023, meeting. Many items were completed and a few items from the December 12<sup>th</sup> Action List were updated from Spring 2023 to Fall 2023.

#### **5.0 UPCOMING MEETING DATES**

##### **5.1 Board Meeting – May 25, 2023**

##### **5.2 Next Meeting – September 2023**

#### **6.0 ADJOURNMENT**

The meeting adjourned at 2:50 p.m.

**#6 Moved by Colin Cote AND CARRIED that the meeting be adjourned.**

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

\_\_\_\_\_  
Signature

**2022-23 Attendance**  
**Education & Outreach Committee Meetings**

NAME	December 12, 2022	February 7, 2023	May 8, 2023			
Evelyn Mondares	TC	A				
Louise White-Gibbs	✓	TC				
Amanda Avery Bibb	✓	✓				
Murray Phillips	TC	TC				
Duane Zaraska	TC	✓				
Gabrielle Whiskeyjack	TC	A				
Colin Cote	TC	TC				
Cindy Connolly	TC	TC				
Kim Foisy	✓	✓				

Notes:        ✓ = Present

TC = Telephone Conference

A = Absent from Meeting





Lakeland Industry and Community Association  
 Box 8237, 5107W - 50 Street, Bonnyville, AB T9N 2J5  
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## Education and Outreach Committee (EOC) Meeting LICA Boardroom and via Microsoft Teams Monday, May 8, 2023 1:00 p.m. - 4:00 p.m.

Item	Agenda	Discussion Leader	Required Outcome
<b>1.0</b>	<b>CALL TO ORDER</b>		
1.1	Territorial Acknowledgement	<b>Murray</b>	
1.2	Vision, Mission, and Values	<b>Murray</b>	
1.3	Introductions	<b>All</b>	
1.4	Roll Call	<b>Murray</b>	For Review
1.5	Approval of Agenda 1.5.1 May 8, 2023	<b>Murray</b>	For Decision
1.6	Approval of Minutes 1.6.1 February 7, 2023 - DRAFT	<b>Murray</b>	For Decision
<b>2.0</b>	<b>ONGOING BUSINESS</b>		
2.1	Education and Outreach Update	<b>Stephanie</b>	For Information
2.2	Community Garden Update 2.2.1 Community Garden Noxious Weed Brochure	<b>Stephanie</b> <b>Kayla</b>	For Discussion For Information
<b>3.0</b>	<b>NEW BUSINESS</b>		
3.1	2024 Calendar Contest Theme	<b>Stephanie</b>	For Decision
3.2	Presentation Request – Eco-Friendly End of Life	<b>Stephanie</b>	For Information
3.3	Keep Our Lake Blue Campaign	<b>Stephanie</b>	For Discussion
3.4	Shoreline Clean-ups 3.4.1 Potential Dates 3.4.2 Potential Locations	<b>Stephanie</b> <b>Stephanie</b>	For Discussion For Discussion
3.5	Bonnyville Oil & Gas Show Volunteer Sign-Up	<b>Stephanie</b>	For Discussion
<b>4.0</b>	<b>ACTION LIST</b>		
4.1	Follow-up on Action List 4.1.1 February 7, 2023	<b>Murray</b>	For Review
<b>5.0</b>	<b>UPCOMING MEETING DATES</b>		
5.1	Board Meeting – May 25, 2023	<b>Murray</b>	For Information
5.2	Next Meeting – TBD	<b>Murray</b>	For Information
<b>6.0</b>	<b>ADJOURNMENT</b>	<b>Murray</b>	For Decision



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## Education & Outreach Committee Meeting Minutes

Tuesday, February 7, 2023

9:00 a.m. – 12:00 p.m.

LICA Boardroom and via Microsoft Teams

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**Present:** Louise White-Gibbs  
Murray Phillips  
Duane Zaraska  
Colin Cote  
Cindy Connolly  
Kim Foisy  
Amanda Avery Bibo

**Guests and Observers:** Robert Machatis

**Staff and Contractors:** Vicky Krawchuk, LICA Executive Director  
Stephanie Sitkowski, Education & Outreach Coordinator  
Kayla Hellum, Environmental Coordinator  
Eveline Hartog, LICA Administrative Professional  
Lori Jodoin, LICA Administrative Professional

**Regrets:** Evelyn Mondares  
Gabrielle Whiskeyjack

### 1.0 CALL TO ORDER

The Committee Chairperson called the meeting to order at 9:03 a.m.

#### 1.1 Territorial Acknowledgement

#### 1.2 Vision, Mission, and Values

#### 1.3 Introductions

#### 1.4 Roll Call

## **1.5 Approval of Agenda**

### **1.5.1 February 7, 2023, Education and Outreach Committee Agenda**

**#1 Moved by Duane Zaraska AND CARRIED that the February 7, 2023, Agenda be approved as presented.**

## **1.6 Approval of Minutes**

### **1.6.1 December 12, 2022**

**#2 Moved by Cindy Connolly AND CARRIED that the December 12, 2022, Minutes be approved as presented.**

## **2.0. NEW BUSINESS**

### **2.1 Social Media**

#### **2.1.1 Review of Social Media Guide**

The LICA Education & Outreach Committee reviewed the Social Media Guide.

A discussion was held on the various social media accounts LICA has. Currently, LICA actively uses Facebook and Instagram. In addition to those accounts LICA also has a Twitter account, but it is not being used.

A Committee member mentioned that Industry and Business actively use Twitter, but youth and the majority of people use Instagram and Facebook. Twitter seems to be more business based. It was suggested to leave the Twitter account dormant for now, for potential future activity and to continue using Facebook and Instagram.

#### **2.1.2 Review Policy 4.3 Social Media Management**

The LICA Education & Outreach Committee reviewed Policy 4.3 *Social Media Management* for information.

A Committee Member stated that all Board, Committee Members, and Staff should actively be sharing LICA posts and content on their own social media accounts, to increase LICA exposure.

One recommendation was made to Policy 4.3.2.5. Reword it to say- "Periodically review passwords and administrators and the Passwords document in the shared drive."

## **2.2 Stream of Dreams**

### **2.2.1 Review Application – Light of Christ School**

The Education & Outreach Coordinator presented the Stream of Dreams Application from Light of Christ School in Lac La Biche. They were the only school to send in an application this year; they have applied in the past. The owner of the fence gave them permission to use it for Stream of Dreams. A Committee Member thought the location was great; since the fence is right on main street, it will get good exposure.

LICA's goal is to do two Stream of Dreams programs per year, based on LICA's budget. The price has recently increased from \$5.00 to \$7.00 per fish.

It was also mentioned that a couple of groups in Bonnyville may be interested in participating in it for their Summer Programs. Those fish could possibly be displayed in LICA's Community Garden or baseball diamonds in town. The murals can be put up anywhere in the community, not just schools. Local FCSS may also be interested in the program and offer it as a series of workshops over the summer, so families could participate together.

There is also an option to re-do the Stream of Dreams programs in schools for those who have previously completed it if it was more than four years ago. Students would have the option to purchase their fish which were previously done, with the money going back into the program.

A Committee Member suggested reaching out to Senior Citizen Facilities to share the program and increase exposure. Possibly making it a grandparent and grandchild activity.

A Committee Member requested the E&O Coordinator to reach out to all members of the Committee. Sending them an application, so they can send it out to their sectors which would broadcast it out to their communities.

E&O Coordinator also mentioned that Stream of Dreams has a Fish in a Box program, which was used during COVID when children could not be altogether.

All schools within the LICA region have been contacted. A Committee Member recommended the E&O Coordinator reach out to the schools again in May 2023, reminding them that LICA can offer them this program. Applications are now closed but will be reopening again in Fall 2023.

**#3 Moved by Louise White-Gibbs AND CARRIED that the Stream of Dreams Application for Light of Christ School be approved as presented.**

### **3.0 ONGOING BUSINESS**

#### **3.1 Education & Outreach Update**

The Education & Outreach (E&O) Coordinator presented her Update to the Committee, noting:

- Photo Contest is now complete. Judging was difficult to arrange so photos were sent to judges, and they had to choose the top ten, for the Adult Category. The three photos with the most points were selected as winners. The Youth Category had three entries. Photos were framed, and winners are coming in to pick them up. They will also receive their cash prize, as advertised, via mail. The prizes are as follows:
  - Fan Favourite - \$50 cheque with a small LICA prize bag
  - Adult 1<sup>st</sup> Place - \$150 cheque
  - Adult 2<sup>nd</sup> Place - \$100 cheque
  - Adult 3<sup>rd</sup> Place - \$50 cheque
  - Youth 1<sup>st</sup> Place - \$150 cheque
  - Please note that the youth recipient is the same for first, second, and third place in the youth entries. The winner has received a collage photo frame of all winnings and a monetary value for the first-place award.
- Calendar Contest is also complete, as all winners have received their prizes.
- The deadline for the Cookbook has been extended until March 31, 2023. Approximately 20-30 recipes have been submitted.
- She will contact Industry as well to do an evening presentation.

##### **3.1.1 School Programming Updates**

The Education & Outreach (E&O) Coordinator updated the Committee on School Programming.

- Programs are continuously being updated with current information. Five Wastewater Programs and three Air, Water, and Climate Programs were presented last week. In addition, two Airshed Programs have been done since her report was written.
- X-Stream Science training will occur in May or June 2023 in Camrose during the WPAC Meeting and then the program will begin to roll out.
- Little Green Thumbs contact was established. E&O Coordinator is connecting with all the schools to update equipment and provide consumables. Older systems will be updated with new LED lamps.
- A Committee Member asked that if the Two Hills FCSS wanted us to come and do a program, would we have to do it in Myrnam, as Two Hills is outside of the LICA region? Another member stated that this would have to be a Board decision. All school programming is offered to all Two Hills Schools because the rest of the St. Paul School Division is in the LICA region.
- Another Committee Member asked about how they can get printed material for the KLOB program. The E&O Coordinator will assist with this.

### **3.1.2 Upcoming Community Events**

The Education & Outreach (E&O) Coordinator updated the Committee on Upcoming Community Events.

- On Monday, February 13, 2023 LICA will be hosting a Bird ID Workshop. It can be offered virtually if needed. Another Bird ID Workshop will be held in the Lac La Biche region at a later date.
- Vermicomposting Workshops have been very popular as interest has been increasing throughout the community. There will be 50-60 bins being completed this month. The Bonnyville Library is holding one on February 8th, which has 22 participants registered. Rich Lake Agricultural Society also requested to have a workshop in April 2023.
- ALUS 101 Presentation will be held on February 27, 2023.

A Committee Member pitched the idea of holding another Virtual Science Fair within social media to engage youth through active learning. Youth will send in small reels of their science projects. Advertising will start soon, so youth can work on it through Easter/Spring Break. The fair will have three different age categories. LICA Admin will decide on details on timelines and age groups. Submission deadline will be Friday, April 14, 2023. The E&O Coordinator will collect entries and place them into a folder on Sharepoint. The folder will be shared with Committee Members for personal viewing and then they will be watched together at the April Meeting, for judging. There will be cash prizes for each age category. In addition, one Fan Favourite Award will receive a LICA swag bag.

**#4 Moved by Amanda Avery Bibo AND CARRIED that the Virtual Science Fair with monetary prizes of \$50.00, \$75.00, and \$100.00 cash be approved.**

## **4.0 ACTION LIST**

### **4.1 Follow-Up on Action List**

#### **4.1.1 December 12, 2022**

The Committee reviewed the E&O Action List from the December 12, 2022 meeting.

## **5.0 UPCOMING MEETING DATES**

### **5.1 Board Meeting – February 23, 2023**

Murray Phillips, E&O Chairperson, is unable to attend. Duane Zaraska will be reporting.

### **5.2 Next Meeting – April 24-28, 2023**

## 6.0 ADJOURNMENT

The meeting adjourned at 10:39 a.m.

**#5 Moved by Colin Cote AND CARRIED that the meeting be adjourned.**

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

\_\_\_\_\_  
Signature

DRAFT



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## LICA Education & Outreach Committee Report April 25th, 2023

Program and Event Analytics 2023 - 2024					
Synergy		Watershed		Airshed	
Audience Reached	330	Water School Programs	18	Air School Programs	0
Community Events	1	X-Stream Science	0	CARS	0
LICA Workshops/Events	2	Stream of Dreams	0		
Contests	1	Vermicompost Bins	61		
Youth & Summer Programs	0				
Little Green Thumbs	0				

### Recent Meetings and Events

- April 4<sup>th</sup> – AAC Communications Committee Meeting
- April 11<sup>th</sup> – AAC Innovative Air Education Program Advisory Committee Meeting
- April 11<sup>th</sup> – Meeting of Summer Student Hiring Committee
- April 12<sup>th</sup> – Wildfire Smoke Monitoring Webinar
- April 12<sup>th</sup> – Vermicomposting at Bonnyville Library
- April 13<sup>th</sup>/14<sup>th</sup> – Presentations in Lac La Biche
- April 14<sup>th</sup> – Due Date for Virtual Science Fair
- April 15<sup>th</sup> – Vermicomposting at Rich Lake Ag Society
- April 17<sup>th</sup> – Meeting with Cows and Fish



- April 18<sup>th</sup> – Summer Student Interviews
- April 20<sup>th</sup> – WPAC E&O Meeting
- April 21<sup>st</sup> – Cold Lake Volunteer Show

### Community Workshops

- April 12<sup>th</sup> Wildfire Smoke Monitoring Webinar, only staff attendees through LICA.
- April 12<sup>th</sup> Vermicomposting at the Bonnyville Municipal Library, 15 attendees.
- April 15<sup>th</sup> Attended Garden Workshop at Rich Lake Agricultural Society – presented Vermicomposting, 40 attendees.
- May 2<sup>nd</sup> Seed Starting at Cold Lake Library
- May 16<sup>th</sup> Garden Orientation at LICA
- 

### School Programming

- The last presentations are being updated – Wetlands and Water Quality
- I will be in Lac La Biche from May 29<sup>th</sup> to June 2<sup>nd</sup> for Stream of Dreams
- We were only two presentations away from our goal of 10 for airshed based presentations – in only 3 months. 2023-2024 goal should be achievable.

### Virtual Science Fair

- Unfortunately, no submissions were received for the 2023 Virtual Science Fair.

### Cows and Fish Workshop

- Tentative dates (August 9<sup>th</sup> & 10<sup>th</sup>) have been scheduled for a riparian health workshop with Cows and Fish.
- Decisions to make with the EOC to determine whether we want a one-day or two-day workshop.
  - Option to do two-day: one municipal workshop at Jessie Lake, and one producer workshop on agricultural land.
  - What can we pay for through LICA for guest host?

### X-Stream Science

- 3 of 5 X-Stream Science Slots have been filled.
- Stephanie will be attending training in Camrose on May 23<sup>rd</sup> & 24<sup>th</sup> with other WPACs.

### Social Media

Social Media Analytics					
Platform	Likes	Followers	Reach	Engagement	Page Views

				(90-day period)	
<b>Facebook</b>					
Feb 14 – Mar 13 Insights	788	889	5331	544	91
Mar 14 – Apr 17 Insights	793		6500	649	135
<b>Instagram</b>					
Feb 14 – Mar 13 Insights	-	527	333	199	14
Mar 14 – Apr 17 Insights		532	474	223	21

Platform	Subscribers	Impressions	Watch Time (Hours)	Video Views
<b>YouTube</b>				
Feb 14 – Mar 13 Insights	7	20	0.1	2
Mar 14 – Apr 17 Insights	7	30	0.6	24

### Social Media Definitions

<b>Platform</b>	Using websites and applications to communicate informally with others, find people, and share similar interests. Allows users to directly connect with one another through groups, networks, and locations.
<b>Likes</b>	The number of likes of your Facebook Page.
<b>Followers</b>	The number of accounts that started following your Instagram account.
<b>Reach</b>	The number of people who saw any content from your Page or about your Page, including posts, stories, ads, social information from people who interact with your Page, and more. Reach is different from impressions, which may include multiple views of your posts by the same people. This metric is estimated.
<b>Engagement</b>	The number of reactions, comments, and shares on your posts.
<b>Page Views</b>	The number of times your page (profile) was visited.

<b>Subscribers</b>	The people or accounts that are subscribed to your channel.
<b>Impressions</b>	How many times your video thumbnails were shown to viewers. Includes only impressions on YouTube, not on external sites or apps.
<b>Watch Time:</b>	Channel watch time compared with the previous period. This includes public, private, unlisted, and deleted videos.
<b>Video Views</b>	Channel views compared with the previous period. Over time, this can help you spot high-performing videos, anticipate seasonal changes, and determine when to upload new videos. This includes public, private, unlisted, and deleted videos.

### **Upcoming Meetings and Events**

- May 2<sup>nd</sup> – Seed Starting at Cold Lake Library South
- May 2<sup>nd</sup> – AAC Communications Committee Meeting
- May 6<sup>th</sup> – FCSS Discovery Day – Attending with Booth
- May 11<sup>th</sup> – Water North Coalition Spring Meeting
- May 11<sup>th</sup> – Grant Writing 101 Course
- May 16<sup>th</sup> – Garden Orientation
- May 17<sup>th</sup> – Bonnyville Interagency Meeting

## **Community Garden**

- Garden is open to the public on May 20<sup>th</sup>, 2023.
- Garden Orientation takes place on May 16<sup>th</sup> at 5:30pm at the LICA office.
- Security lights and cameras have been purchased. They will be installed prior to opening weekend.
- 2022 Gardeners have been contacted and allowed first choice of their plots. Reservations for the public opens April 28<sup>th</sup>, 2023.
- We have acquired lawn care for the season – Groundworx has offered us a reduced rate for mowing and trimming, in exchange for putting up a sponsor sign.
- Tank'd has offered us free water for the duration of the summer.
- Manufacturing of the Tank Stand is in progress.



## What is a Noxious Weed Species?

**Noxious Weed:** A person shall control a noxious weed that is on land the person owns or occupies.

**Prohibited Noxious Weed:** A person shall destroy a prohibited noxious weed that is on land the person owns or occupies.

The following species have been found in LICA's Community Garden and Compost areas:

Scentless Chamomile - Noxious Weed

Perennial Sow Thistle - Noxious Weed

Canada Thistle - Noxious Weed

Under the Alberta Weed Control Act, the following species listed above are considered Noxious weeds and must be controlled.



Province of Alberta

### WEED CONTROL ACT

Statutes of Alberta, 2008  
Chapter W-5.1

Current as of November 16, 2022

## Contact Us

For more information about Noxious Weed species, please contact LICA:

Phone: 780-812-8182

Email: [watershed@lica.ca](mailto:watershed@lica.ca)

Office Location:  
5107 W 50 st,  
Bonnyville, AB



@infoLICAonline



@InfoLICA



[www.lica.ca](http://www.lica.ca)

#### References:

Alberta Invasive Species Council (2023)

[ab.invasives.ca](http://ab.invasives.ca)

Government of Alberta (2023)

[alberta.ca](http://alberta.ca)



**LICA**  
ENVIRONMENTAL STEWARDS

## LICA's Community Garden & Compost

### Noxious Weeds



**LICA**  
ENVIRONMENTAL STEWARDS



## Scentless Chamomile

### Identification:

**Stems:** Erect to semi-erect, highly branched and can grow up to 1 m tall. Multiple stems per plant may be present.

**Leaves:** Alternate and very finely divided into short segments (carrot-like) and odorless when crushed.

**Flowers:** Composed of a yellow central disk surrounded by white petals.

**Seeds:** Seeds are tiny (~2 mm), ribbed and dark brown. Seeds develop and become viable quickly.



Under the Alberta Weed Control Act, Scentless Chamomile must be controlled.

Scentless Chamomile can behave as an annual, biennial or perennial, but reproduces by seed only.

**Mechanical Control:** Mowing and hand-pulling will prevent seed production and spread to new areas.

## Perennial Sow Thistle

### Identification:

**Stems:** Upright with leaves at the base, branched at the top and can grow up to 2 m tall.

**Leaves:** Alternate and waxy, with weakly prickled edges and variable shapes. Can be up to 20 cm long.

**Flowers:** Small, yellow, and dandelion-like.

Grouped in loose clusters at the ends of the stem.

**Seeds:** Tufted to aid in wind dispersal and can germinate in the spring or fall.



Under the Alberta Weed Control Act, Perennial Sow Thistle must be controlled.

Perennial Sow Thistle is a perennial plant that reproduces by both seed and rhizomes.

**Mechanical Control:** Mowing can prevent seed production, and seedlings can be hand pulled although root fragments can still produce new plants.

## Canada Thistle

### Identification:

**Stems:** Grooved, upright, hollow and woody, branching near the top, growing 0.5-1.5 m tall.

**Leaves:** Lance-shaped, dark green, shiny on the surface and occur alternately, slightly clasping the stem.

**Flowers:** Form at the end of the stems in clusters of one to several. Colors may vary, being purple, pink or white.

**Seeds:** Borne in an achene 2-4 mm long which is tufted to aid in wind dispersal.



Under the Alberta Weed Control Act, Canada Thistle must be controlled.

Canada Thistle is a colony-forming, aggressive perennial that spreads primarily by its creeping root systems.

**Mechanical Control:** Repeated mowing through the growing season will deplete the food energy stored in the root system. Repeated hand pulling can also effectively stress the root system.

**2024 Calendar Contest**

- Poster is completed, aside from the theme.
- Favourite wildlife in the LICA region?
- Favourite outdoor activity?
- Entry due date is October 19<sup>th</sup> 2023.



A spiral-bound notebook with a white cover is the central focus. The notebook is surrounded by a dense collection of colorful crayons in various shades including red, orange, yellow, green, blue, purple, and pink. The notebook's pages are visible, showing a blue and purple crayon drawing. The text '2024 Youth Calendar Contest' is written on the page in a stylized font. The year '2024' is in blue with a white outline, and 'Youth Calendar Contest' is in green with a black outline.

# 2024 Youth Calendar Contest

If you're a K-12 student in the LICA region, send us your artwork inspired by our theme!

- Submit entries by e-mail to [outreach@lica.ca](mailto:outreach@lica.ca), mail it to us, or deliver it in-person to our office
- If your entry is selected, the original hard copy of the artwork must be provided to LICA (it will be returned after printing)
- Remember to include your [name](#), [age](#) and [school](#) with your entry
- Competition closes [Thursday, October 19, 2023!](#)

This year's theme is:

**LIVING GREEN**

Winners will have their artwork featured in our 2024 Calendar, and will receive a CASH prize!

LICA - Environmental Stewards  
P.O. Box 8237  
5107W 50 St  
Bonnyville, Alberta, T9N 2J5



**LICA**  
ENVIRONMENTAL STEWARDS



# Bonnyville Oil & Gas Show

## June 21-22, 2023

### LICA Trade Show Booth – Volunteer Sign-up Sheet

**Set up** Tuesday, June 20, 2023, 9:00 a.m. - 6:00 p.m. We have this time to set up our 10' X 10' booth. We will have to bring our many extension cords. Eveline will help with the set up.

Wednesday, June 21, 2023 – 10:00 a.m – 7:00 p.m

SHOW 10:00 a.m. – 1:00 p.m.	Stephanie & Kristina	Louise White-Gibbs (until 11:45am)	
SHOW 1:00 p.m. – 4:00 p.m.	Kayla & Mike	John Ilchuk	
SHOW 4:00 p.m. – 7:00 p.m.	Eveline & Lori & Mike & Morgan		

Thursday, June 22, 2023 - 10:00 a.m – 4:00 p.m.

SHOW 10:00 a.m. – 1:00 p.m.	Mike & Lily & Kayla	Leo Paquin	
SHOW 1:00 p.m. – 4:00 p.m.	Mike & Lily & Kristina	Kelly Dion-McFeeters	

**Tear Down** 4:00 p.m. – 9:00 p.m. Eveline & Lori and Bonnyville staff  
(then celebration)

## LICA's Little Environmental Stewards (LLES Program) DRAFT

### Field Day with LICA!

**Background:** At the last LICA Watershed Committee meeting, the committee discussed IWMP implementation and different projects to support this. Riparian areas, fish habitats and youth education were topics of interest to the LWC. To implement the IWMP in regard to youth education, LICA could develop and host a 'field day' to cover a variety of environmental projects/topics. A potential field day layout is below.

**Audience:** Grades 4-5, with a preference for grade 4 to ensure alignment with the current curriculum. To be completed annually with 1-2 classes. (Spring/Fall? To ensure good weather.

**Location:** Cold Lake, Crane Lake, Muriel Lake, Ethel Lake?

### Field Day Layout - TBD

9:30-10:30 – Offloading, welcome, split groups for different stations

10:30-11:30 – 1<sup>st</sup> Stations

11:30- 12:30 – Lunch, activities to burn energy, show & tell, student stories.

12:30- 1:30 – 2<sup>nd</sup> Stations

1:30- 2:30 – 3<sup>rd</sup> Stations

Students will be split into three groups and will spend ~1 hour at each workshop station.

## 3 Workshop Stations

### Station 1: Water Quality/Water Quality Indicators & Fish Habitat: Hands-on Workshop

- Water Quality Parameter Hands-on Sampling:
  - Students will learn about DO, Turbidity, Nitrate, pH, chloride, and the role they play in aquatic health. Show them how to use a YSI.
  - Touch on KOLB/riparian health/ What they can do to ensure healthy water.
  - Discussion about aquatic invasive species (clean, drain, dry).
- Macroinvertebrates (Biological Indicators) & Fish in our Water:
  - LICA Staff will collect macroinvertebrate samples the night before unless there is a chance that the students can capture a diverse invertebrate sample at the workshop site. During this portion of the day, students will identify invertebrate species and learn what each species indicates in terms of water quality health; similar to real-time benthic sampling. An explanation will be given for how benthic samples are taken, how lab analysis is run, and what these species tell us about water quality health.
  - Students will be able to hold fish moulds to view different characteristics of common native species, and a discussion will take place about appropriate fish habitats, and

**Commented [KH1]:** Activity: Have two trays of invertebrate samples. Have students determine which was collected from a healthy creek, and which indicates poor health based on the species present.

**Commented [KH2]:** To purchase from Acorn Naturalist.

challenges that native fish face (water quality, Diseases (Whirling Disease), Fish Habitat – Tie into IWMP)

- Depending on time, an Aquatic sticker activity can be completed for students to place aquatic life where they think they live in a watercourse (linked in resources)

## Station 2: Nature Hike: Learning about Plants and Animals in our Region

- Students will be taken on a nature walk where they will learn about riparian areas and be shown what plants make up a healthy riparian area.
  - Could collect plants/leaves and glue them in a booklet to take home?
  - Significance of riparian areas to Indigenous Communities (Medicinal Plants, etc.)
- Students will learn about invasive plant species.
  - Alberta Weed Act: Difference between Noxious Weeds, Prohibited Noxious Weeds, and Common Weeds.
- Students can learn about edible plant species.
  - Could ask Metis Nation if they wanted to share their Medicinal Plant book with each student?
  - Could make an introductory fact sheet of berries that are safe to eat (Blueberry vs Juniper – safe but not desirable and different from a blueberry)
- Will touch on Species at Risk and bird identification.
  - Provide the Species at Risk Flipbook once completed.
  - Could make an introductory bird ID book?
    - Bring out bird ID backpacks for students to share and use if timing permits.

**Commented [KH3]:** IWMP Implementation - Show youth how to identify different riparian species versus just telling them what makes up a healthy riparian area.

**Commented [KH4]:** Edible plant education stemming from LWC discussions.

## Station 3: Air Quality in the LICA Region

- Students will learn about air quality in the LICA Region:
  - Ask Mike what information he would like presented. Or maybe he could come down to take part in this field day and work this station.
- Air quality gauge: Stop Needless Idling Campaign
  - Do we still have a portable air quality monitor?
- Air Microbe Hunter Test Kit
  - Can be purchased on Acorn Naturalist.

## End of Day

- Each Student can take home a LICA Swag bag with the following:
  - Beaver, notepad
  - All about LICA Brochure
  - KOLB Brochure
  - Certificate “Certified *Little* Environmental Steward”
    - Certified by LICA – Environmental Stewards that \_\_\_NAME\_\_\_ has completed the LICA Field Day to become a LICA Little Environmental Stewards.... - **TBD**
  - Could purchase specific Swag (Shirt, hat, water bottle?) to promote this program.
  - Riparian Campaign, Riparian Health layer book, Species at Risk, Medicinal Plants, Invasive Species → TBD
  - Survey for each student to learn about what they did or didn’t like.

### Other Ideas for Workshop Stations?

### Other Ideas for activities at the workshops listed above?

#### Resources → List of Supplies to Order:

- [Macroinvertebrate Life Cycle Habitat Cards](#) (\$76.95 for 1 set, 22 cards per set) – Recommend 2 sets.
- [Magnifying Containers](#) (\$96.95 for 88) → For Macroinvertebrates or nature walk.
- [Water Quality Test Kit](#) (\$117.95 for 30 students) – recommend 3.
- [Nature Niches Aquatic Life Sticker Kit](#) (\$24.95)
- [Perch, Pike, Walleye](#) (\$21.95, \$29.95, \$34.95)
- [Air Microbe Hunter Test Kit](#) (\$93.95) – Recommend 1-2 kits.
- Macroinvertebrate sampling kits (Could use X-stream Science, or order specific for this program)

#### Cost Breakdown *(Subject to Change)*

Item	Amount
Development and Execution	LICA Staff Salary
Resources from Acorn Naturalist (As listed above)	\$904.40
Additional Cost for Resource Printing	TBD
LLES Promotional Swag	TBD

#### Resources → List of Resources to Develop:

- Invasive Plant Species
- Dangerous Plant Species
- Edible Plants – fact sheet or flip book that they bring home.
- Species at Risk flipbook
- Riparian Health – Layer Book - ‘These are riparian plants, and THIS is why they are important.’
- Riparian Campaign Resources
- Macroinvertebrate checklist
- [Medicinal Plants – Metis Nation](#)

#### Additional Activities if groups finish their workshop station early:

- Seek Out Game: Scavenger Hunt – Make a scavenger hunt sheet where participants check off what they find.
- Beaver Clues: <https://www.acornnaturalists.com/products/kits-games/beaver-clues-animal-signatures-discovery-kitr.html>
  - <https://www.acornnaturalists.com/products/kits-games/wildlife-discoveryr-kit-beaver.html>

# [Meeting of the Education & Outreach Committee]

**Date: February 7, 2023**

**Recorder: Lori Jodoin**

## ACTION LIST

<b><u>Task</u></b>	<b>Person assigned to task</b>	<b>Date to be complete</b>	<b>Y/N</b>
<b>2.2 <u>Stream of Dreams</u></b>			
<ul style="list-style-type: none"> <li>Reach out to Schools to promote program for Fall applications</li> </ul>	Stephanie	May 2023	<b>IP</b>
<ul style="list-style-type: none"> <li>Send application to Committee Members to share within their sectors</li> </ul>	Stephanie	May 2023	<b>IP</b>
<b>3.1.1 <u>School Programming Updates</u></b>			
<ul style="list-style-type: none"> <li>Contact Committee Member regarding KOLB Program and printed materials</li> </ul>	Stephanie	February 2023	<b>IP</b>
<b>3.1.2 <u>Upcoming Community Events</u></b>			
<ul style="list-style-type: none"> <li>Run advertisement for Virtual Science Fair</li> </ul>	Stephanie	February 2023	<b>IP</b>
<ul style="list-style-type: none"> <li>Create and share folder with Committee Members, for Virtual Science Fair Submissions</li> </ul>	Stephanie	April 2023	<b>IP</b>
<b><u>4.1 Follow Up on Action List December 12, 2022</u></b>			
<b>4.0 <u>Action List Discussion</u></b>			
<ul style="list-style-type: none"> <li>Contact Industry, EPA and AER to consider doing a community-based presentation</li> </ul>	Stephanie	Winter 2023	<b>IP</b>
<ul style="list-style-type: none"> <li>Look into hosting a LICA Open House showcasing LICA programs and activities</li> </ul>	Stephanie	Spring 2023	<b>IP</b>
<ul style="list-style-type: none"> <li>Do presentations to municipal councils and school boards in the LICA region highlighting LICA's programs</li> </ul>	Stephanie	Spring 2023	<b>IP</b>
<ul style="list-style-type: none"> <li>Create a YouTube video showcasing LICA's programs</li> </ul>	Stephanie	Spring 2023	<b>IP</b>

**Next Meeting: May 2023**

## [Meeting of the Education & Outreach Committee]

<ul style="list-style-type: none"> <li>Help Healthy Waters Lac La Biche kick off their Keep Our Lakes Blue campaign on June 4, 2023</li> </ul>	Stephanie	June 2023	<b>IP</b>
<b><u>5.1 Follow Up on Action List September 8, 2022</u></b>			
<b><u>2.2.1 Bonnyville Community Garden 2022 Season Update</u></b>			
<ul style="list-style-type: none"> <li>Turn fall weed removal into a learning opportunity for our gardeners in the spring</li> </ul>	Stephanie	Spring 2023	<b>IP</b>
<ul style="list-style-type: none"> <li>Look into options on how to manage inactive garden beds in order to reduce weed growth</li> </ul>	Stephanie	Spring 2023	<b>IP</b>
<ul style="list-style-type: none"> <li>Investigate the use of cover crop for empty garden beds</li> </ul>	Stephanie	Spring 2023	<b>IP</b>
<b><u>2.2.3 Cameras</u></b>			
<ul style="list-style-type: none"> <li>Purchase an outdoor motion sensor light(s) and trail cam</li> </ul>	Stephanie	Spring 2023	<b>IP</b>
<b><u>2.2.4 Cookbook</u></b>			
<ul style="list-style-type: none"> <li>Complete compilation of LICA cookbook for printing</li> </ul>	Stephanie	September 2023	<b>IP</b>

**Next Meeting: May 2023**