

## Lake Dalrymple Working Group MEETING MINUTES

Tuesday, February 1<sup>st</sup>, 2022, 7 to 9pm

Zoom Meeting

Please refer to the PDF Presentation for additional information.

### In Attendance:

Ali Giroux, Nature Conservancy of Canada  
Blair Stevens, Sylvan Glen Beach Association  
Brett Tregunno, Kawartha Conservation  
Cameron Curran, and Keith Ford, Couchiching Conservancy member  
Christina and Malcolm Winter, Shoreline Residents, Treasurer of Carden Rec Centre Board  
Emma Collyer, Kawartha Conservation  
Harry Hall, Shoreline Resident  
Iryna Shulyarenko, Kawartha Conservation  
Kevin Flow, Shoreline Resident  
Meagan Coughlin, Couchiching Conservancy Water Quality Monitoring Volunteer  
Mike Halladay, Director, Campbell's Beach Association  
Rob Avinoam, Shoreline Resident  
Scott Laver, Shoreline Resident  
Sharday James, Chippewas of Rama First Nation  
Shirley Sedore, Shoreline Resident  
Tanner Liang, Kawartha Conservation  
Trudy Coughlin, Shoreline Resident, Water Quality Monitoring Volunteer

1. Welcome

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2. Roundtable Introductions

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3. Project workplan update

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- Kawartha Conservation provided an update to where we are in the planning process.
- Currently we are in the middle of the Scoping Phase, and in the early stages of the Characterization Phase. Refer to presentation for more information.
- Over the next few months we will be focusing on Community Engagement.

#### 4. Community Engagement

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- Kawartha Conservation is planning on hosting 2 public information sessions (weekday evening, and weekend day) in April or May 2022. Ideally these would be 'in-person' at the Carden Rec Centre and a virtual event is also being considered. In addition, Kawartha Conservation is to develop an 'Engagement Survey' to solicit written feedback. The purpose of the sessions and survey is to inform that broader Dalrymple community of the project and to obtain their feedback on key management issues.
  - o *Working Group identified several means to advertise, including:*
    - *Lake Dalrymple Facebook Page*
    - *Sylvan Glen Facebook Page*
    - *Several 'community boxes' for hardcopies to post advertisement:*
      - *E.g., Sylvan Glen, Carden Rec Centre*
  - o *The existing Lake Dalrymple website, hosted by Kawartha Conservation, should be the 'go-to' page for information related to community engagement information.*

**\*\*ACTION ITEM: Kawartha Conservation to connect with Working Group to confirm logistics of event at Carden Rec Centre.**

**\*\*ACTION ITEM: Kawartha Conservation to develop a draft Communications Plan for the events and distribute to Working Group for their input and additions.**

- Kawartha Conservation is looking for Working Group volunteer(s) to reach to out local community members that have a long history in-and-around the lake, to record some 'written personal stories' about the lake and it's watershed in terms of Why They Love Lake Dalrymple and Changes Observed Over Time.
  - o *Working Group suggested that 2 people take the lead for coordinating: one for Upper Dalrymple and one for Lower Dalrymple.*

**\*\*ACTION ITEM: Kawartha Conservation to follow up with Working Group volunteers (Upper and Lower) to clarify the expectations around obtaining the personal stories.**

#### **KAWARTHA CONSERVATION**

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705.328.2271 Fax 705.328.2286

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- Kawartha Conservation presented a draft 'Online Monitoring Results Dashboard' as a way to present key monitoring findings to the community as soon as they are available. The web link to access the Dashboard is: <https://kawarthaconservationwaterquality.shinyapps.io/Testing/>
  - o *The product was well received by the Working Group.*
  - o *Would appreciate a brief description of key findings for each component, for example: caption and text are needed to explain the graphs.*
  - o *Appreciate adding guidelines/thresholds for each parameter, for example how values compare to Canadian Water Quality Guidelines and Provincial Water Quality Objectives.*

**\*\*ACTION ITEM: Kawartha Conservation to update 'Dashboard' and post on the Lake Dalrymple webpage.**

#### 5. Fleming College Mapping Program project proposal

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- Kawartha Conservation submitted a project proposal to Fleming College GIS Collaborative Mapping Program, to map water levels (using current water level data) and fish habitat (using temperature and dissolved oxygen data) in the lake. Refer to presentation for more information.

#### 6. Location to install lake water level monitoring equipment?

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- Kawartha Conservation is looking for a location along the shoreline to install water level monitoring equipment. Refer to presentation for more information. Site must meet some conditions for good data, for example:
  - o depth of at least 1m to capture fluctuating water levels
  - o minimal wave action so sensor accurately records lake level
  - o easy and safe access to install and download data every month or two
- *The Working Group proposed several locations that might qualify, including:*
  - o *West shore of Avery Point.*
  - o *Rock islands in Northwest section of Lower Dalrymple.*
  - o *McCrackin's Avenue, North shore of Lower Dalrymple.*

**\*\*ACTION ITEM: Kawartha Conservation to follow up with Working Group regarding best suggestion for flow monitoring equipment: Avery Point shoreline location.**

#### 7. Lake health issue clarification

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- Kawartha Conservation sought more detail on three specific lake management issues that have been identified to date.
- The following input was provided by the Working Group.
  - 'Toxic dump' on the former Black property on Hwy 47:
    - *Coordinates are: 44.6239378300366, -79.1022579411983.*
    - *Community concerns about ongoing and historical placement of contaminated fill on property and potential impacts to lake and watershed health, particularly potential for leaching north towards a tributary and into the lake.*
    - *Regulatory authorities have been involved.*
  - Historic 'waste facility'
    - *Coordinates are: 44.649408391368674, -79.13175983120786.*
    - *Historical 'dump' facility that is now decommissioned (capped).*
    - *Community concerns regarding leaching of contaminants from the waste facility, possible leaching into nearby wetland complex and northeast towards the lake.*
  - Mid summer algae blooms:
    - *Not that common and likely not widespread harmful blue-green events, for example: no known occurrence of 'water-use restrictions'.*
    - *Blooms that to occur last for a relatively short period: 1-2 weeks and tend to occur in mid to late summer, water turns greenish.*
  - Effluent spill from 244 Lake Dalrymple Road/ MOE investigation outcome?
    - *Past event that involved discharge of raw sewage into lake from shoreline septic system.*
    - *Issue has likely been resolved.*

**\*\*ACTION: Kawartha Conservation contact City of Kawartha Lakes to obtain information related to the status and recommended management approach of the 'Toxic Dump' and 'Historic Waste Facility'.**

## 8. Other Business

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- Kawartha Conservation received feedback on establishing a new water quality monitoring site along an unnamed tributary that flows into the west shore of Upper Dalrymple (around Concession Road 9). Working Group is in favour of adding this site as it will capture anthropogenic activities.
- Working Group mentioned there are opportunities for additional water quality monitoring on tributaries that drain lands managed by Nature Conservancy/Couchiching Conservancy on the east section of the watershed (e.g., Prairie Smoke Property).

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- Working Group inquired whether Ministry of Natural Resources has any plans to stock the lake with fishes. Apparently there was a fish hatchery in the past that was 'shut down' by the government.

**\*\*Kawartha Conservation to follow up with Working Group to confirm site locations and partnership opportunities for additional water quality sampling.**

**\*\*Kawartha Conservation to follow up with Ministry of Natural Resources regarding any fish stocking plans.**

## 9. Closing, Next Meeting Date

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- No meeting date confirmed, but will take likely place in May 2022.

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