



Lake Management City of Kawartha Lakes

Community Advisory Panel Meeting #8
Wednesday May 30, 2012
10:00 –1:00
Ken Reid Conservation Area Field Centre
277 Kenrei Road, Lindsay, ON

Minutes

Present:

| | |
|-------------------|--|
| Chris Appleton | (Sturgeon Point Association) |
| Jim Armstrong | (Balsam Lake-Killarney Bay-Cedar Pt. Cottage Association) |
| Terry Contois | (The Moorings Community Association – Cameron Lake) |
| George Routcliffe | (The Moorings Community Association – Cameron Lake) |
| Doug Erlandson | (Balsam Lake Association) |
| Mike Hendren | (Kawartha Heritage Conservancy) |
| Dave Kerr | (City of Kawartha Lakes Manager of Environmental Services) |
| Lucy Burke | (City of Kawartha Lakes, Supervisor Water/Wastewater) |
| Ken LeMasurier | (Kawartha Protect Our Water) |
| Mark Phillips | (Ontario Ministry of the Environment) |
| Brian Junkin | (Councilor, City of Kawartha Lakes) |
| Steve Strangway | (Councilor, City of Kawartha Lakes) |
| Doug Elmslie | (Councilor, City of Kawartha Lakes) |
| Pat Warren | (Councilor, City of Kawartha Lakes) |
| Lou Probst | (City of Kawartha Lakes Environmental Advisory Committee) |
| Mike Stedman | (Kawartha Lakes Stewards Association) |
| Steve Thompson | (Fleming College) |
| Rob Tonus | (Gamiing Nature Centre) |
| Doug van Hemessen | (Victoria Stewardship Council - MNR) |
| Paul Reeds | (City of Kawartha Lakes Agricultural Development Advisory Board) |
| Craig Mather | (Indian Point Association) |

Kawartha Conservation Staff:

Rob Messervey, Chief Administrative Officer
Dave Pridham, Manager, Environmental and Stewardship Services
Rob Stavinga, Water Resources Technician
Alex Shulyarenko, Water Quality Specialist
Brett Tregunno, Aquatic Biologist
Shalin Abbott, Stewardship Coordinator
Ben O'Reilly, Resource Technician

Regrets:

Beth Cockburn, Trent-Severn Waterway
Jeff Lytle, Ontario Parks
Richard Ovcharovich, Haliburton, Kawartha, Pine Ridge District Health Unit
Catherine Gravely, Bobcaygeon Resident

1) Welcome/Introductions

Chris Appleton, Chair, greeted participants and thanked them for attending, called to order the meeting at 10:10. The first point addressed was a reminder that as a group, we need to focus on turning the research component of LMPs into action, especially given the roll out of the table of contents to members of the CAP.

2) Adoption of Agenda

- The Petition to save the Experimental Lakes Area (ELA) from closure was added to the agenda and

circulated to those in attendance.

- The agenda was adopted.

3) Approval of minutes, and business arising from the minutes

- I. **Science and Technical Committee Meeting** - March 28. Report on recommendations pertaining to phosphorus retention / release from septic systems in a Lake Management Planning context (Alex Shulyarenko)

There are two different septic system approaches:

1. The first by MNR/MOE states that 100% of Phosphorus should be considered to reach adjacent/nearby waterbodies.
2. The second is that septic systems do not produce a significant amount of Phosphorus that would enter a nearby waterbody (less than 10% per system).

We cannot say with complete confidence how much Phosphorus comes from septic systems because there are multiple factors (e.g. type and age of system, pH and soil type, depth of soil, slope, etc) that influence a septic plume. Until new methods of detection/monitoring of plumes become available, the recommendation is to use 50% Phosphorus retention in the soil in any calculations of the Lake Management Plans.

Question: So after hearing about these percentages (septics comprising <10% of the total P loading into Sturgeon Lake), what do we do about this man-made pollution?

Solutions could be simple or radical. Households on septic systems could all be converted to the municipal system – this is being done in the Lake Simcoe watershed. There seems to be a need to increase the distance from the end of the septic bed to the edge of the waterbody (the setback distance). While the proportion of Phosphorus from septic systems may be low (5-8%), it is not a natural form of Phosphorus to the lake. This input consists of orthophosphates that are dissolved in solution and readily available to vegetation in the littoral (or near shore) zone, an area of the lake already under pressure from surface runoff and other stressors.

Comment: The MOE approach is to assume that any system less than 300m from a high water mark will contribute Phosphorus to an adjacent waterbody regardless of the size/type of the system.

Considerable scientific opposition to the approach that 100% of Phosphorus enters the waterbody from an effluent plume. Thus, we feel that 50% of retention is a “balanced approach” for the time being.

Action Item - Members can send their thoughts to Alex regarding the 50% retention, 75m setback standards defined. These are numbers we can work on going forward if necessary without losing progress in other areas of work.

- II. **Executive Liaison Group Meeting** –March 2, Update (Rob Messervey)

Bill Parrish letter was discussed as well as the response letter from KRCA. The ELG was informed progress with respect to initiating the Pigeon Lake Management Plan, endorsed its initiation in 2012, with certain members committing to promote the partnership with Peterborough County / municipalities. There was also a useful discussion regarding marine gas tanks/marine gas handling in the Kawarthas. Lastly, the partnership agreement with Sir Sanford Fleming College was signed.

- III. **Update on the discussion surrounding posted speed limits on the Scugog River** (Rob Stavinga)

The purpose of this action is to reduce the re-suspension of sediments in the Scugog River channel that we know have appreciable amounts of PCBs in them. In order to post speed limit signs, a full study would have to be undertaken by Transport Canada to determine if they were necessary, focused on the full impacts of usage – this would be a long

process. Transport Canada recommended that Educating the public about the impacts of speeding (roil up sediment particles, disruption of habitat features) along the Scugog River, as it is very likely that it is the local, waterfront individuals that are speeding because these individuals are most familiar with the channel and would be comfortable negotiating shallow water hazards present.

Action Item: Going forward, we are going to Liaise with TSW about potential “No-wake” signage that we could have installed along the Scugog River in known-problem areas.

- 4) Wastewater Treatment Plant and Effluent limits Lucy Burke, Supervisor, Water/Wastewater and David Kerr, Manager of Environmental Services, City of Kawartha Lakes

The Lindsay Wastewater facility is roughly operating at 75% of its total capacity with an average daily flow of 15 794m³ (the facility had major upgrades in 1999). There is currently an Environmental Assessment being done on the facility, a key component of which is the capacity of the system going forward. Lagoon 6 is currently having maintenance performed on it to remove biosolid sediments and extend its lifespan. KPOW is concerned that the lagoons leak into the Scugog River (being on the banks of the river) and wonder if there are plans to add a liner to the lagoon while it is drained and not accepting effluent to ensure complete retention. There are no plans at this time to add a liner to lagoon 6 before it is accepting effluent again. All the criteria for sewage treatment are being met by the Lindsay treatment plant.

- 5) Update on the Pigeon Lake Management Plan, status (Rob Messervey)
Launch of the Pigeon Lake Plan (Dave Pridham)

Re-introduced the sampling network and the work that has started and will be completed on the Pigeon Lake sampling network for the PLMP. We are hoping to receive both upper and lower tier support for our management plans given the scope of the work. The launch of the plan was very well attended at the Kawartha Settlers Village in Bobcaygeon. We are reminded by our Chair not to spread ourselves too thin, and to over-commit our resources.

- 6) Stewardship Activities, 2012 (Shalin Abbott / Dave Pridham):
 - i. Communications Plan
 - ii. Urban stewardship:
 - Demonstration sites riparian planting in Lindsay, and communications to greater community (combine with KC Tent Kiosk and information brochures)
 - Bobcaygeon site
 - iii. Lake association presentations
 - iv. Agriculture – require feedback as to best way to inform and maintain communications with the agriculture industry
 - v. Blue Canoe Program

Early implementation of the public lands program, with some of the urban parks changing their mowing patterns, is underway. Brochures and signage created to educate those who are concerned with the changing mowing patterns. Re-launch of the successful Blue Canoe program this week, scope expanded to the Kawartha Lakes region, from its success in the Scugog area, working with an external graphics company to re-brand the program. We will continue to partner with FOCA for the dock talk events. The “Living in Town” urban living educational document underwent major revisions and is now ready. Stewardship is looking to the members of the CAP to aid in getting access to some of the shoreline communities where we have never been before.

Action Item: Agricultural Sector and its place in the Lake Management Plan framework discussion to be added to the top of the agenda for the next CAP meeting as a priority item.

- 7) Natural Heritage/ Naturally Connected, update (Mike Hendren)

The Naturally Connected project has significant linkage to the Lake Management Planning process.

8) Lake Management Plan - preliminary framework, discussion, working committee

Two documents are forthcoming, the Watershed Characterization Report (WCR) for Balsam, Cameron and Sturgeon Lakes, and then the Lake Management Plans (LMP) themselves. After two full years of research, we will be moving fairly quickly now with respect to drafting the WCR, while developing the format and first draft of the LMP itself. Quarterly meetings with large groups and lengthy agendas will not be effective as we move forward with these documents – we will require regular input with respect to defining objectives, strategies, alternatives, etc. As we develop this plan, we have the benefit of having completed and worked with the Lake Scugog Environmental Management Plan – and therefore have a level of understanding as to its strengths and weaknesses.

Action Item: Steering committee/working group on the format of the Lake Management Plans was formed which includes Rob Messervey, Chris Appleton, Lou Probst, Doug Erlandson, Paul Reeds, Doug van Hemessen and Pat Warren, who will meet to aid the KRCA staff in achieving a functional format for the LMPs. Will try to do as much as possible by e-mail and conference calls.

9) Members Round Table

- Need to find a way to link people to the lakes (especially individuals engaged in agriculture); Agriculture is an important land use to have within our Lake Management Plan spheres
- Important Linkages between ICSP, LMPs and the Naturally Connected endeavor, with each strengthening the others
- CKL council award for environmental hero of the year – Rod Martin was recognized for outstanding contributions
- How do we frame our Lake Management Plan to inform decision makers going forward?

10) New business

There was a request for KRCA participation at the September long weekend meeting of the Moorings Association.

11) Next meeting date

The next meeting date was chosen to be August 15th 2012 at 10:00 AM at the Ken Reid Conservation Area Field Centre (tentative location).

12) Adjournment

The meeting adjourned at 1:10 PM.