

**DARTMOUTH LAKES ADVISORY BOARD
MINUTES**

October 29, 2008

PRESENT: Ms. Audrey Manzer, Chair
Mr. Peter Connor
Dr. Klaus Hellenbrand
Ms. Christina Hoehne
Dr. Hugh Millward
Mr. Mark McLean
Mr. Pierre Clement
Dr. Mark Trevorrow

ABSENT: Councillor Gloria McCluskey (regrets)
Dr. Ron Beazley

STAFF: Ms. Cathy Spencer, Development Officer
Ms. Chris Newson, Legislative Assistant

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1. CALL TO ORDER

Ms. Audrey Manzer, Chair, called the meeting to order at 5:17 p.m. in the Findlay Centre Boardroom, 26 Elliot Street, Dartmouth.

2. APPROVAL OF MINUTES - September 24, 2008

This item was dealt with later in the meeting. See page 6.

3. APPROVAL OF THE ORDER OF BUSINESS AND APPROVAL OF ADDITIONS AND DELETIONS

Additions: 8.1 Cow Bay Lakes Watershed Management Network - *Mr. Mark McLean*

Move: Item 6.3.1 and 6.3.2. are to be dealt with immediately following the approval of the agenda.

The Board approved the order of business as amended.

As approved in Item 3, the Board agreed to deal with Items 6.3.1 and 6.3.2 at this time.

6. CORRESPONDENCE, PETITIONS & DELEGATIONS

6.3 Delegations

6.3.1 Clean Nova Scotia - Water Conservation Strategic Plan

This item was dealt with later in the meeting. See page 5.

6.3.2 North Dartmouth Trunk Sewer - Update

The following representatives of Halifax Water were in attendance to present on the issue: Mr. Jamie Hanam, Manager, Engineering and Information Services, Mr. Ian Guppy, Senior Environmental Engineer, Mr. Roger Levesque, Project Manager, Environmental Engineer. Also in attendance were Mr. Glenn Woodford, Terrain Group, Consultant for Halifax Water on this project and Mr. Peter Bigelow, Manager, Real Property Planning for Halifax Regional Municipality.

Mr. Glenn Woodford, Terrain Group, provided an update on the North Dartmouth Trunk Sewer project. Highlights of Mr. Woodford's presentation are as follows:

- C Halifax Water owns and maintains the sewer system; HRM owns and maintains the canoe course and trail along the sewer breach.
- C the North Dartmouth Trunk project was commenced in the late 1960's. The project is now in its final stages and will accommodate the wastewater flows from Dartmouth Crossing and other areas. Much of the land along the sewer line and trail is HRM parkland; a small portion is privately owned.
- C a portion of the sewer route is located in Lake Banook as onshore location would have necessitated cutting a wide swath of trees due to the steep slope. The trees are instrumental in the protection of Lake Banook from wind and the removal of trees would have impacted the canoe course.
- C a small portion of Lake Banook would have to be infilled; 713 square meters. Dredging of Lake Banook would not be necessary.
- C in consultation with the Shubenacadie Canal Commission, water flows from the watershed, including Lake Charles, will be directed toward Lake Banook in order to refill the lake in time for the canoe championships.
- C the trunk sewer connection is scheduled for January 2009 with clean-up/landscaping occurring in spring 2009. All canoe course improvements are to be completed by the end of April 2009.
- C Consultation has occurred with Aboriginal groups; a newsletter was sent to various stakeholders (residents, landowners, Shubenacadie Canal Commission, local business owners, wildlife groups, sports/recreational groups, politicians and the Dartmouth Lakes Advisory Board). A public meeting was held; updates have been provided via the newsletter and on the website.
- C a number of environmental and legislative approvals were required (fish habitat, sport/recreational use, cultural/heritage resources) due to the partial infilling of the lake and the effects on adjacent land use. An Archeologist was hired and a report is to be filed with the province.
- C Phase 1 is approximately 50% complete, the force main is in place. Work is being done by ACL Construction with an estimated completion date of November 28, 2008.
- C Phase 2 is underway with the work being done by Dexter Construction. Environmental controls are in place. A dam is in place at Highway 111 stopping the flow from Lake Mic Mac to Lake Banook. Three pumps are working to lower the lake level. Piping will commence on November 5th with expected completion at the end of November. The water level at Lake Banook is 45 meters and will be lowered a total of 2 meters over the next week and a half.

The Board thanked the presenters for the information.

During the ensuing discussion on the matter, Mr. Woodford and Mr. Bigelow responded to questions/comments of the Board as follows:

- C the trunk sewer project is on schedule.

- C one of the three pumps at Lake Charles is running close to 24/7 and is covered with a shroud to assist with noise control. The remaining two pumps are shut down around 8:00 p.m. as they do not have a silencer (shroud).
- C The pipe located under the lock has a flow of 1 cubic meter per second to Sullivan's Pond and then to the harbour.
- C on November 8th, Clean Nova Scotia will take advantage of the lower water level at Lake Banook to do a shoreline cleanup. Halifax Water and HRM will assist with trucks made available to remove any debris collected.
- C access to Lake Banook for paddling purposes is required until the end of September; arrangements have been made with other lakes in regard to access for paddling.
- C an organizing committee is in place for the World Canoe Championships. HRM, Terrain Group and Halifax Water will work in partnership to design and install the new canoe course.
- C the trail will run along the shoreline of Lake Banook to the park near Brookdale then join the multi-use Active Transportation Trail. The owner of the private property portion of the trail has deeded HRM access to a land easement.
- C the force main/connections will direct all (wastewater) flow away from Lake Banook.
- C the pipes are constructed of concrete made from a special mixture to make it less permeable and have an exterior rubber membrane. There are joints every 2.4 meters.
- C in regard to settling, the soil has been tested to ensure it will take the weight of the pipes.
- C in some areas, the top of the sewer will only be 1 meter below the trail. The pipes have been curved to avoid the need for manholes along the trail, however; there will be a few manholes.
- C the three pumps at Lake Charles will run constantly during construction to maintain the required water level.
- C the fish habitat will have to be restored with natural stone at three times the area disturbed. The shoreline would also be restored so that minnows are able to enter/exit. Natural stone will be used for slope stabilization; some landscaping stone will be imported.
- C the intent is to have the same shoreline contour post construction.
- C there is ample capacity in regard to (wastewater) flow from Dartmouth Crossing. Port Wallace will be brought into the system at a later date.
- C the footprint of the pumping station will be removed once it has been decommissioned, however; the land would not be suitable for other use due to the pipes.

In response to Ms. Manzer, Mr. Bigelow offered to provide an overview of the alterations to Lake Banook, in regard to the World Canoe Championships, at a future meeting of the Dartmouth Lakes Advisory Board.

6.3.1 Clean Nova Scotia

Ms. Anna McCarren of Clean Nova Scotia, assisted by Ms. Lucy Tran, provided an overview of Clean Nova Scotia's function and water conservation plan. She advised that Clean Nova Scotia was in the process of contacting a variety of community groups and government agencies interested in water conservation in an effort to understand their mandate, goals, laws and legislation in response to a perceived disconnect with information and resources available. Clean Nova Scotia's intent was to participate in a combined effort by groups such as the Dartmouth Lakes Advisory Board to protect and conserve water resources in the Dartmouth area for the benefit of all. She noted that a website was under construction that would include a members list, community blog as well as a list of resources and events.

In response to questions of the Board, Mr. McLean clarified that although there were plans, policies and by-laws in place at the municipal, provincial and federal government levels, the information was located in different areas. He noted that there was only so much government could do on its own. In cooperation with community groups, funds could be obtained for more projects like the Sackville Rivers restoration. An active community group could access additional funds from areas such as ACOA (Atlantic Canada Opportunities Agency) for projects like stream restoration. Community projects would provide a sense of community ownership. He suggested that the Dartmouth Lakes Advisory Board consider supporting Clean Nova Scotia's initiative in the identification of links to resources/projects for water conservation and protection.

The Dartmouth Lakes Advisory Board concurred that providing an overview of information on what has been done/is ongoing throughout the city in regard to watercourses would be very useful information.

Ms. Manzer clarified that the Dartmouth Lakes Advisory Board was an advisory board to the Harbour East Community Council in regard to development agreements and did not have access to any funding. She added that the Dartmouth Lakes Advisory Board with its expertise and corporate memory were interested in, and sympathetic toward, what Clean Nova Scotia was trying to do and would assist in any way possible.

Mr. Clement suggested that the past minutes of the Dartmouth Lakes Advisory Board could be converted into a searchable document that would provide access to previous discussions on a variety of issues.

Ms. Manzer thanked Ms. McCarren for her presentation and requested that Clean Nova Scotia forward updates to the Dartmouth Lakes Advisory Board in regard to their activities/projects.

The Board agreed, during the approval of the agenda, to deal with Item 2 at this time.

2. APPROVAL OF MINUTES - September 24, 2008

MOVED BY Ms. Christine Hoehne, seconded by Mr. Peter Connor, that the minutes of September 24, 2008, as presented, be approved. MOTION PUT AND PASSED.

4. BUSINESS ARISING OUT OF THE MINUTES

4.1 Red Bridge Pond

Mr. Connor suggested that Mr. Ian Guppy, Senior Environmental Engineer, Halifax Regional Water Commission, be invited to a future Dartmouth Lakes Advisory Board meeting to speak to this issue. The Board agreed that a site visit with Mr. Guppy be held prior to forwarding comment to the Harbour East Community Council.

5. CONSIDERATION OF DEFERRED BUSINESS - NONE

6. CORRESPONDENCE, PETITIONS & DELEGATIONS

6.1 Correspondence - NONE

6.2 Petitions - NONE

6.3 Delegations

6.3.1 Clean Nova Scotia - Water Conservation Strategic Plan

This item was dealt with earlier in the meeting. See page 5.

6.3.2 North Dartmouth Trunk Sewer - Update

This item was dealt with earlier in the meeting. See page 3.

7. REPORTS

7.1 Annual Report

The Board expressed concern that the Harbour East Community Council had not yet acknowledged the Information Report sent to them in May.

The Legislative Assistant advised that the item had been deferred by the Harbour East Community Council at their June 5, 2008 meeting pending receipt of a staff report

requested at that time. . Ms. Cathy Spencer, Development Officer, advised that the staff report had been drafted and was awaiting final approval.

7.2 Chairman's Report

Ms. Manzer, Chair, advised that she had spoken with Mr. MacLeod in regard to the Scotia Weather Services matter and will arrange for him to attend the January meeting.

7.3 Staff Update

Ms. Spencer advised that she had no updates at this time.

8. ADDED ITEMS

8.1 Cow Bay Lakes Watershed Management Network

Information previously circulated via e-mail from Mr. McLean was discussed at this time.

Ms. Manzer advised that the data was presented as information only, therefore; no action was required of the Board.

9. DATE OF NEXT MEETING

The next regular meeting was scheduled for Wednesday, November 26, 2008. The Board agreed to a site visit to the Dartmouth Wastewater Treatment Plant, therefore; the Findlay Centre meeting room and services of the Legislative Assistant would not be required for November.

The Board requested that Mr. Peter Bigelow, Manager, Real Property Planning, Infrastructure and Asset Management, be invited to present at the January meeting in regard to the World Canoe Championships and alterations to Lake Banook.

10. ADJOURNMENT

The regular meeting was adjourned at 7:40 p.m.

Chris Newson
Legislative Assistant