



Collin's Park Watershed Advisory Committee Meeting Minutes

**February 18, 2016
6:30 – 8:30
Gordon Snow Centre Boardroom, Fall River**

Attendees:

Andrew Bone.....Halifax Municipality Planning and Development
 Damon Conrad.....Fall River Representative
 Barry Geddes, Watershed Manager.....Halifax Water
 Bev Lawson, Wellington.....Collin's Park WSP Customer
 Dawn MacNeill, Watershed Planner.....Nova Scotia Environment
 Keith Manchester.....Lake Fletcher Representative
 Anna McCarron, Source Water Planner.....Halifax Water
 Tom Mills.....Shubenacadie Watershed Environmental Protection Society (SWEPS)
 Richard Pickrill.....Wellington Representative

Guest

Jesse HulsmanFall River

Absent:

Scott Smith.....Nova Scotia Home Builders Association

Table 1: Previous Minutes Action Items and Status				
Item Page #	Action Items	Date	Lead	Status
Page	Circulate to members materials about how to create a source water protection plan (SWPP)	February 18, 2016	Anna	Action Required
Page	Create Halifax Water, water supply map for the next meeting.	February 18, 2016	Anna	Complete
Page	Create map showing sampling points, geology and opportunities.	February 18, 2016	Anna	Action Required
Page	Committee requested HRM to create detailed maps for next meeting showing planned areas for development, pyritic slate, former industries, geohazards, arsenic tailings, sediment plumes, quarries, flood plains and any other hazards/risks the Committee should be aware of.	February 18, 2016	Andrew Bone	Complete
Page	Call Andrew Bone about production stuff.	February 18, 2016	Anna	Complete

Meeting called to order:

- Anna distributed copies of:
 - Agenda; and
 - Collin’s Park Watershed Advisory Board (CPWAB) Draft Terms of Reference.

Business Meeting:

1. Attendance and Introductions:

- Round table introductions.

2. Terms of Reference scope review:

- Barry presented an overview of the Committee Terms of Reference;
- Why an Advisory Committee?
 - Required by the province for public drinking water supply areas. In Halifax Water’s, case there are 12 source waters supply areas.
- Currently Halifax Water has 7 Advisory Board’s/ Committee’s.

Motion: Tom Mills moved, seconded by Jesse Hulsman to accept the Terms of Reference with changes to:

- Nova Scotia Environment membership to include “up to” two;
- Reduce the number of members required for a quorum from 5 to 4;
- Section 25 – Land Development wording from “shall” to “may”;
- Spelling of “Collins Park” to “Collin’s Park”; and
- Adding Appendix A (the map illustrating the scope of the watershed area).

Action Item – Anna to send out Collin’s Park reference material to Advisory Committee Members.

Anna

Action Item – Halifax Water to create and bring a copy of the Collin’s Park Watershed Area.

Anna

3. Source Water Protection responsibilities and measures

a. Past studies and land use activities discussion

- Regulations in place:
 - The Environment Act allows for Protected Water Area (PWA) status, but the utility has to apply for it and have the public’s

Action

support.

- There are no specific watershed regulations in place for Collin's Park water supply.
- Halifax Water manages three (3) designated Protected Water Areas with their own specific regulations for each watershed.
 - Pockwock, Lake Major and Bennery;
 - Public input on regulations;
 - Excellent tool used by the water utility to help manage activities on the watershed that may impair water quality.
 - Charges can be laid through the PWA regulations. Two different types:
 - **Summary Offense Tickets (SOTs) allow the water utility to lay "on the spot" fines when an offense occurs. Usually related to minor offences; and**
 - **For serious violations, long form prosecution can be pursued where the fines can be very expensive.**

b. Water quality discussion:

- b. Six (6) sample points in Lake Fletcher (Collin's Park) sub-watershed area from which water Quality data has been collected on regular basis since 2009.
- c. Microbial research conducted in in 2013 – 2014 with Dalhousie University. The research was to help Halifax Water better understand possible sources of contaminants entering Lake Fletcher and assess its source water protection plan accordingly. Over the 2-year period, water samples were collected at targeted locations where human DNA was found entering the water supply. The theory is that the contaminants are entering Lake Fletcher through improperly maintained private septic systems. What was surprising was the high frequency of Campylobacter, Listeria, Salmonella, and *E. coli* at these locations as well.
 - Data was made available to NSE as private septic systems are their jurisdiction.
- d. Committee members are interested in learning about the history, types of activities, regulations that pertain to watershed, etc., to get a better understanding of the watershed.
- e. The Committee recommends that each member have access to a hard copy binder with information including but not limited to:
 - 5 steps of a SWP Plan;

	<u>Action</u>
<ul style="list-style-type: none"> ○ Types of risks; ○ Include Environment Act Regulations applicable to watershed area; ○ Generalized Future Land Use Map (GFLUM); ○ Provincial regulations; ○ Sulphide-bearing slate regulations; ○ Pyritic Slate handling requirements; and ○ Request old Collin's Park Source Water Protection Plan be made available 	
<p>Action Item: Halifax Water to create a binder for each member with background material to better understand the Collin's Park watershed and what goes into creating a Source Water Protection Plan.</p>	Anna
<p>Action Item: Board requested HRM to create detailed maps for next meeting showing planned areas for development, pyritic slate, former industries, geohazards, arsenic tailings, sediment plumes, quarries, flood plains and any other hazards/risks the Committee should be aware of.</p>	Andrew
<p style="text-align: center;"><u><i>Current SWP activities and opportunities</i></u></p>	
<p>Action Item: defer to next meeting after background materials have been distributed and read through by members.</p>	Anna
<p>4. <u>New Business:</u></p>	
<p>a. <u>Committee Development Tasks</u></p>	
<p>Action Item: Create Logo</p>	Anna / Barry
<p>Action Item: Create ad to recruit for representative from Waverly.</p>	Anna Barry
<p>5. <u>SWP Needs/Issues:</u></p>	
<p>a. <u>Worksheets of planning development applications</u></p>	
<p>Action: Acquire worksheets of DAs.</p>	HRM Planning and Development Office
<p>b. <u>Brainstorming session list that Board members would like more information about:</u></p> <ul style="list-style-type: none"> ○ Halifax Water Sample Points <ul style="list-style-type: none"> ▪ Map of locations ▪ Data collected to date: <ul style="list-style-type: none"> i. Water quality of new treatment plant vs. old plant ii. Halifax Municipality sampling 	

Action

iii. Changing land use

iv. Aerotech Central Sewage Treatment Plant and effluent data

- SWPP;
- Waverley WWTP ACWWA – Frame subdivision; and
- Deeper understanding of Microbial research completed by Dalhousie University.

c. Selection of Chairperson, Vice Chair and Secretary

- Tom Mills – Chair
- Barry Geddes – Vice Chair
- Anna McCarron – Secretary

Meeting adjourned - 9:00 p.m.

Next Meeting - Mid-June @ 6:30pm