

**APPENDIX G:  
MEETING WITH LSRCA – NOVEMBER 2014**

**From:** Suzanne Troxler  
**To:** Mike Walters  
**CC:** David Stephen; Keith Shular; Tim Collingwood  
**BC** Collingwood File  
**Date:** 10/31/2014 3:34 PM  
**Subject:** Request for meeting re: Bayshore Village Sewage Works Class EA, Township of Ramara (100080)  
**Attachments:** Site location plan and existing spray fields.pdf

Mr. Walters,

CCTA is conducting a Class EA study for Ramara, looking at the options to improve the operation and performance of the Bayshore Village Sewage Works' effluent spray irrigation system. We have had a PIC and met with the MOE. We recently made a deputation to Ramara Council during which it was agreed that a meeting with the LSRCA would be useful to obtain input on the alternatives under consideration, prior to holding a second PIC.

We would like to meet, specifically to discuss the option of modifying the current sewage treatment facility's effluent discharge from spray irrigation to a continuous discharge to Wainman's Creek, which drains to Lake Simcoe. This option would involve adding tertiary treatment to the existing facility to achieve an effluent phosphorus concentration that would result in a lower phosphorus load than the existing loading, which could be estimated from the available groundwater monitoring data. We are considering this alternative in view of the poor soil and drainage conditions in the area which make subsurface effluent disposal inefficient and costly, and because of the adjacent residents' concerns with the spray irrigation operation.

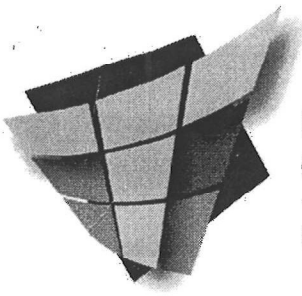
We could provide additional information prior to our meeting to facilitate the discussion. For now, enclosed is a view of the existing sewage treatment and effluent disposal site.

We are very much aware of the policies of the Lake Simcoe Protection Plan and the need to improve the Lake's water quality, but would like to discuss with you how the policies apply to this project and how we could develop a solution that meets the Protection Plan's objectives while resolving the Township's and the residents' concerns with the current spray irrigation operation. Your input would be appreciated.

Please advise of potential dates you and/or the appropriate staff would be available to meet with my team and the Township. I am also available anytime by phone if you want to talk about this project prior to setting up a meeting.

Thank you

Suzanne Troxler, M.Sc., P.Eng.  
Manager, Environmental Engineering  
C.C.Tatham & Associates Ltd.  
Ph: 705-444-2565  
Fax: 705-444-2327  
stroxler@cctatham.com



# C.C. Tatham & Associates Ltd.

Consulting Engineers

Collingwood      Bracebridge      Orillia      Barrie

115 Sandford Fleming Drive, Suite 200  
Collingwood, Ontario L9Y 5A6  
Tel: (705) 444-2565  
Fax: (705) 444-2327  
Email: info@cctatham.com  
Web: www.cctatham.com

## MEETING MINUTES

**Meeting Date:** November 25, 2014      **Time:** 1:30 pm      **CCTA File:** 100080-02

**Location:** Lake Simcoe Region Conservation Authority  
South Wing Meeting Room

**Attendees:** Robert Baldwin      Lake Simcoe Region Conservation Authority (LSRCA)  
Tom Hogenbirk      LSRCA  
David Stephen      Township of Ramara (Ramara)  
Suzanne Troxler      C.C. Tatham & Associates Ltd. (CCTA)  
Keith Shular      CCTA

**Purpose:** Bayshore Village Sewage Works - Effluent Spray Irrigation Class EA  
Pre-Consultation Meeting

Meeting Item	Action
<p>1. CCTA and the Township provided an overview of the Effluent Spray Irrigation Class EA, including the issues and potential solutions.</p> <p>LSRCA agreed that due to poor and deteriorating soil conditions, more frequent unfavourable spraying conditions, and numerous operational concerns, effluent spray irrigation does not appear to be a long-term, sustainable solution for effluent disposal at the Bayshore Sewage Works.</p> <p>Based on a cursory review of the available options for effluent disposal (spray irrigation, large subsurface disposal beds and surface discharge), LSRCA concurred with CCTA that an effluent discharge to Lake Simcoe is the preliminary preferred solution and should be pursued as a viable option during the Class EA study.</p> <p>The LSRCA agreed with CCTA's interpretation of the Lake Simcoe Protection Plan (LSPP) policy. The Bayshore Sewage Works is an existing sewage treatment plant therefore the LSPP restriction on new surface discharges does not apply.</p> <p>The LSRCA noted that all municipal sewage works approvals in the Lake Simcoe watershed were supposed to be reviewed by the MOECC when updating the ECAs to include phosphorus limits under the LSPP. The Bayshore Sewage Works was not reviewed.</p>	

Meeting Item	Action
<p>CCTA will send Robert a copy of the existing C of A for the Bayshore Sewage Works.</p>	CCTA
<p>The LSRCA agreed that a second consultation meeting with the MOECC would be useful to discuss this further, and should be held prior to the next PIC. The LSRCA indicated they would support CCTA and attend this consultation meeting. The following will be brought to the MOECC's attention:</p>	CCTA
<ul style="list-style-type: none"> <li>▪ the existing spray irrigation system and operation do not meet current MOE standards;</li> <li>▪ the negative environmental and health impacts of the existing spray irrigation system;</li> <li>▪ present the estimated current and proposed phosphorus loadings for the options, including all sources such as runoff; and,</li> <li>▪ a surface effluent discharge would: <ul style="list-style-type: none"> <li>▪ result in an overall phosphorus loading reduction;</li> <li>▪ not set a precedent since the Bayshore Sewage Works is an existing STP;</li> <li>▪ would not support additional growth.</li> </ul> </li> </ul>	CCTA
<p>The LSRCA noted we could suggest that the MOECC review the Bayshore Sewage Works and add phosphorus limits as part of the 5-year review of the LSPP in 2015.</p>	
<p>2. Errors &amp; Omissions</p> <p>Please report any errors or omissions to the author within seven days of receipt of these minutes otherwise they will be deemed correct.</p>	

Respectfully submitted,  
**C.C. Tatham & Associates Ltd.**



Keith Shular, B.Sc., B.E.Sc., P.Eng.  
KES:ha

**Distribution**  
All present  
Tim Collingwood  
Rex Meadley

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