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**TO: MAYOR J. LEHMAN AND MEMBERS OF COUNCIL**

**FROM: R. SUTTON, P. ENG., DIRECTOR OF ENGINEERING**

**NOTED: R. J. FORWARD, MBA, M.SC., P. ENG., GENERAL MANAGER OF INFRASTRUCTURE AND GROWTH MANAGEMENT**

**C. LADD, CHIEF ADMINISTRATIVE OFFICER**

**RE: RISK MANAGEMENT OFFICIAL ANNUAL REPORT FOR 2016**  
**(FILE: W09-SO)**

**DATE: MARCH 9, 2017**

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The purpose of this memo is to inform Council that staff have submitted a report to the local Source Protection Authorities, which are both Conservation Authorities, and ultimately the Ministry of Environment and Climate Change on the activities undertaken by the City of Barrie to implement the Source Protection Plan, and Part IV responsibilities. Under Section 81 of the Clean Water Act, 2006, Risk Management Officials are required to submit an annual report by February 1 each year. This report was submitted in advance of the deadline and is the fourth annual report submitted by the City of Barrie. It outlines activities that were required by legislation as well as a number of voluntary efforts to ensure the City's drinking water is protected from contamination and to ensure sustainability of the source.

City staff are working with businesses and residents to educate them on actions that can be taken to protect our drinking water sources.

In 2016, the Risk Management Office undertook a number of activities to prepare for and implement the Source Protection Plan. Highlights of the work accomplished in 2016 are noted below:

- Reviewed building and planning applications for Part IV policy compliance. Issued forty-five (45) s.59(2)(a) Notices to Proceed related to building applications, and reviewed ninety-one (91) Planning Services Department Memorandums pertaining to pre-consultation inquiries.
- Participated in a number of Source Water Protection working groups and committees.
- Appointed the Risk Management Official to the Source Protection Committee in the fall of 2016.
- Organized a workshop for City Departments requiring a Risk Management Plan to outline the process, and test the approach.
- Negotiated Risk Management Plans with the City's Water Operations Branch to address the drinking water threat activities occurring at the stations maintained by Ground Water Supply, as well as the Surface Water Treatment Plant and Low Lift Pumping Station.
- Commenced negotiations on Risk Management Plans for the City Marina, Environmental Operations Center, Operations Center as well as the Wastewater Treatment Facility and its associated pumping stations; to address the drinking water threat activities, not governed by prescribed instruments, occurring at these locations.
- Initiated process to negotiate Risk Management Plans with local businesses.
- Participated in an education and outreach material refresher exercise with the South Georgian Bay Lake Simcoe Source Protection Region. The Source Water Protection webpage was maintained to continue to educate residents and business owners of the program, and to answer frequently asked questions.
- Installed Drinking Water Protection Zone road signs at twenty-two (22) locations across the City to create public awareness that certain activities in these areas can have an impact on our water supplies.
- Worked with Roads, Parks and Fleet to develop a Salt Optimization Strategy for the City. Source Water Protection and the Strategy objectives were presented at the 2016/2017 Snow School event.
- Continued to provide services for the Township of Springwater.

The 2017 work plan includes the following activities to implement the Source Protection Plan:

- Continue to review planning and building applications for s.59 and Part IV compliance.
- Continue to negotiate and finalize Risk Management Plans that were started in 2016 for City facilities and private businesses.
- Initiate Risk Management Plan negotiations with businesses that were identified as requiring a Risk Management Plan.
- Continue making the necessary updates to the Official Plan and Zoning to comply with the Source Protection Plan.
- Provide annual Source Water Protection re-fresher training sessions for Development Services, Building Services, Planning Services and Environmental Compliance.
- Provide Source Water Protection orientation training sessions for Barrie Fire & Emergency Services as well as By-Law Services.
- Begin working on developing a Source Water Protection by-law.
- Update the education and outreach communications strategy.

For more information on source water protection, please contact Katie Thompson, Risk Management Official at [Katie.Thompson@barrie.ca](mailto:Katie.Thompson@barrie.ca) or extension 4796.

A copy of the Annual Report can be found on the City's public website under Environment and Source Water Protection.

<http://www.barrie.ca/Living/Environment/Conservation/Pages/Source-Water-Protection.aspx>