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TO: Chair and Members of the Standing Committee on Environmental Protection, Water and Waste Management

DESTINATAIRE : Président et membres du Comité permanent de la protection de l'environnement, de l'eau et de la gestion des déchets

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SUBJECT: Annual Drinking Water Source Protection Status Update

OBJET : Compte rendu annuel concernant la protection des sources d'eau potable

PURPOSE

The purpose of this memorandum is to provide Members of the Standing Committee on Environmental Protection, Water and Waste Management with an annual status update on the Drinking Water Source Protection Program.

Source Protection Municipal Implementation and Risk Management Official (RMO) Reports are required to be submitted to the Source Protection Authorities (Conservation Authorities) by February 1 of each calendar year, as specified in the *Clean Water Act*.

BACKGROUND

Drinking Water Source Protection safeguards public health from drinking water threats by raising awareness and protecting our groundwater and surface water resources. Ontario's *Clean Water Act* requires municipalities to implement Source Protection Plans to protect existing and future sources of municipal drinking water from various threats.

The City of Ottawa lies within two Source Protection Regions, each with their own locally-developed, science-based source protection plans that contain policies to protect municipal drinking water resources:

- [Mississippi-Rideau Source Protection Plan](#) (effective date January 1, 2015); contains policies related to the Intake Protection Zone for the Britannia and Lemieux Island surface water systems and the Wellhead Protection Areas for the groundwater wells at Carp, Munster and Richmond (King's Park Subdivision).
- [Raisin-South Nation Source Protection Plan](#) (effective date April 1, 2015); contains policies related to the Wellhead Protection Areas for the groundwater wells Vars and Greely (Shadow Ridge Subdivision).
- See Attachment 1 that shows the locations of the City of Ottawa's Drinking Water Protection Zones.

The City has a proactive approach to raising public awareness and managing threats to drinking water resources as part of the Source Water Protection Program, this includes developing risk management plans for existing or new activities that may be a threat to drinking water resources as well as outreach and communications to impacted residents.

More information about Drinking Water Source Protection and the City's Source Protection Program can be found at: www.Ottawa.ca/SourceProtection

2018 ANNUAL REPORTS

In accordance with the regulations of the *Clean Water Act*, the City is obligated to provide an annual report to local Source Protection Authorities describing Source

Protection Plan implementation. More specifically the reports must include updates of the following:

- 1) Activities performed by the City's Risk Management Official; which include screening development applications for potential significant threat activities or working with landowners to develop risk management plans for existing significant threat activities, for example fuel storage.
- 2) Source Protection Plan policies that include actions directed at municipalities; this includes actions the City must undertake at its physical plants and sanitary sewer infrastructure, operational practices as well as outreach and education efforts.

As required, attached are the Risk Management Official's Reports and Municipal Implementation Reports for the 2018 reporting period, to be submitted to the Source Protection Authorities by February 1, 2019.

Overview of Reports:

The implementation of Risk Management Official activities and municipal activities is ongoing and the City is compliant with Source Protection Plan policies. Negotiation of Risk Management Plans with private landowners engaged in significant drinking water threat activities is expected to be complete in 2019.

Please note the report style varies between the two Source Protection Regions, as report templates were provided to maintain consistency within each region.

Original signed by

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SUPPORTING DOCUMENTATION

Document 1 Map of Drinking Water Protection Zones in the City of Ottawa

Document 2 Mississippi-Rideau Source Protection Plan Annual Report from the Municipality

Document 3 Risk Management Official Annual Report – Mississippi Source Protection Area

Document 4 Risk Management Official Annual Report – Rideau Valley Source Protection Area

Document 5 Annual Report to the South Nation Source Protection Authority (include Municipal Implementation and Risk Management Official Report)