



19 July 2017

Akli Ben-Anteur, P.Eng., M.Eng., M.PM
Water/Wastewater Engineer
City of Greater Sudbury
Water & Wastewater Services
200 Brady Street
PO Box 5000, Station A
Sudbury, ON P3A 5P3
By email: Akli.Ben-Anteur@greatersudbury.ca

Re: Water & Wastewater Master Plan

Dear Mr. Ben-Anteur:

The Greater Sudbury Watershed Alliance (GSWA) is pleased to offer our comments on the City of Greater Sudbury's Water and Wastewater Master Plan.

The health of our City's rivers, creeks and lakes are of great importance to the quality of life many Sudburians seek while living in Greater Sudbury. But the city faces great challenges and cost associated with maintaining the health of these waterways and which also sustain its citizens. Issues such as climate change, inflow and infiltration (I&I) of stormwater into the wastewater system, and algal growth due to higher temperatures and inflows of phosphorus, from both new developments and wastewater treatment plants, will make managing water and wastewater a major challenge into the future.

Council cannot ignore water and wastewater infrastructure demands. Citizens may not see the direct harmful effects of ignoring necessary upgrades and maintenance but we will all eventually see the harmful effects to our environment and our quality of life.

Just in 2017, major primary bypasses of untreated sewage have been released from the Lively, Sudbury, Azilda and Coniston Wastewater Treatment Plants (see below). Our systems need upgrading.

GSWA strongly recommends a two-pronged approach whereby defined disconnect and repair targets and timelines are set to stem the I&I of stormwater into the wastewater system. In the short-term, the City must be vigilant and Council supportive of enforcement of its Sewer Use

By-law to ensure illegal sewer, sump pump and eavestrough hookups are quickly disconnected. Incentive programs may be the best way to approach this problem. The City should also consider storage infrastructure meant to hold sewage and stormwater until it can be properly treated and released into the environment.

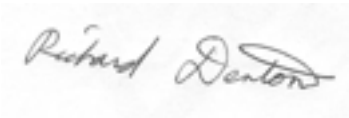
And to prevent excess phosphorus from being released into our waterways, a long-term Master Plan should also include tertiary treatment for the Sudbury, Chelmsford, and Walden Wastewater Treatment Facilities.

For the Chelmsford Wastewater Treatment Plant, GSWA supports the preferred alternative, to leave all plants independent, and to upgrade the Chelmsford WWTP.

And finally, Council must allocate sufficient funds to allow for the implementation of all preferred alternatives.

Thank you for this opportunity to comment. GSWA looks forward to the Notice of Study Completion.

Respectfully,

A handwritten signature in cursive script that reads "Richard Denton". The signature is written in dark ink on a light-colored background.

Richard Denton,
Chair, Greater Sudbury Watershed Alliance
RDenton@NOSM.ca