



**INFRASTRUCTURE DEPARTMENT
MEMORANDUM**

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TO: MAYOR, J. LEHMAN AND MEMBERS OF COUNCIL

FROM: B. ARANIYASUNDARAN, P. ENG., PMP, DIRECTOR OF INFRASTRUCTURE

**NOTED: A. MILLER, RPP, GENERAL MANAGER OF INFRASTRUCTURE AND GROWTH
MANAGEMENT**

M. PROWSE, CHIEF ADMINISTRATIVE OFFICER

RE: 2020 ANNUAL NATIONAL POLLUTANT RELEASE INVENTORY

DATE: OCTOBER 18, 2021

The purpose of this Memorandum is to provide members of Council with an update regarding the 2020 National Pollutant Release Inventory (NPRI), authorized under The Canadian Environmental Protection Act (CEPA), 1999. This mandatory report provides Canadians with access to facility-specific information regarding pollutants released to air, water, and land as well as disposals and transfers for recycling.

Owners and operators that meet the NPRI reporting requirements for the 2020 reporting year are required to submit an annual report to Environment Canada by September 30th, 2021.

In 2020, the City of Barrie's Wastewater Treatment Facility (WwTF) met the requirements to submit an NPRI report for Ammonia, Phosphorous, Lead (and lead compounds), Mercury and Volatile Organic Compounds.

In addition to the NPRI, an evaluation of *O. Reg. 127/01: Provincial Airborne Contaminant Discharge Monitoring and Reporting*, *O. Reg. 390/18: Provincial Greenhouse Gas Emissions: Quantification, Reporting and Verification* and federal *CEPA S.46, Greenhouse Gas Reporting Program*, was conducted and concluded that the WwTF was not subject to the reporting requirements of these regulatory instruments.

In collaboration with The Pinchin Group, the City of Barrie's WwTF completed their 2020 NPRI data collection and analysis on April 28th, 2021, and submitted the electronic NPRI requirements to Environment Canada on July 27th, 2021. The finalized report was delivered to the City on August 13th, 2021, and is attached to this memo for Council's review.

Please note that the City has satisfied all annual NPRI requirements at this time and no further actions are required.

If any additional information is required please contact Greg Jorden, Manager of Wastewater Operations, at ext. 4349.