



Regional Municipality of Durham Water Pollution Control Plant Annual Performance Report

Introduction

The 2017 Annual Performance Report is designed to provide customers, stakeholders and staff a performance overview of The Regional Municipality of Durham's Water Pollution Control Plants (WPCP). The 2017 Annual Performance Report is submitted to fulfill the annual reporting requirements of the Ontario Ministry of the Environment and Climate Change (MOECC).

The MOECC provides operating terms and conditions to be followed and met for each WPCP through the issuance of an Environmental Compliance Approval (ECA). The reporting section of the ECA provides a list of the following information to be contained in the annual performance report:

- a summary and interpretation of all monitoring data and a comparison to the effluent limits outlined specifically for each WPCP, including an overview of the success and adequacy of the Works;
- a description of any operating problems encountered and corrective actions taken;
- a summary of all maintenance carried out on any major structure, equipment, apparatus, mechanism or thing forming part of the Works;
- a summary of any effluent quality assurance or control measures undertaken in the reporting period;
- a summary of the calibration and maintenance carried out on all effluent monitoring equipment;
- a description of efforts made and results achieved in meeting the Effluent Objectives
- a tabulation of the volume of sludge generated in the reporting period, an outline of anticipated volumes to be generated in the next reporting period and a summary of the locations to where the sludge was disposed;
- a summary of any complaints received during the reporting period and any steps taken to address the complaints;
- a summary of all By-pass, spill or abnormal discharge events;
- any other information specific to individual plants ECA's, and;
- any other information the District Manager requires from time to time.

The Regional Municipality of Durham owns and operates 11 WPCPs including nine mechanical treatment plants and two lagoon systems.

The Region operates and maintains the following WPCP:

Duffin Creek
Corbett Creek
Harmony Creek
Courtice
Port Darlington
Newcastle
Nonquon
Uxbridge Brook
Sunderland
Cannington
Lake Simcoe

A description is provided in each individual report which includes the type of treatment, the wastewater collection area and the specific processes used to treat wastewater.

The performance report demonstrates the commitment of ensuring that the WPCP continues to deliver wastewater services to our customers in an environmentally responsible manner.