



**River Street Pumping Station
Collingwood Combined Sewer Overflow
Orchard Combined Sewer Overflow
2021 ANNUAL REPORT**

DOCUMENT:

River St. Pumping Station, Collingwood CSO, and Orchard CSO Annual Report

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1 EXECUTIVE SUMMARY

1.1 RIVER STREET PUMPING STATION

River St. Pumping Facility operates under the Ministry of the Environment, Conservation and Parks ECA number 3237-9EFN8S. The facility was compliant with all conditions outlined in condition 7 of the above-mentioned ECA and is briefly described in the following sections of this report.

The total flow through the facility was 16,177,534 m³.

The facility saw no overflow events in the reporting year therefore no debris has clogged the overflow screen. It is still visually inspected as needed.

Upgrades began in 2013 and were completed in 2014. Improvements were made in the grit removal system, air treatment, and corrosion control by means of installing a hydrogen peroxide injection system which is still operated by U.S. Peroxide.

Few repairs were made at the facility including work on the Automatic Screen, the HVAC system and Diesel Fuel Tank upgrades.

1.2 COLLINGWOOD COMBINED SEWER OVERFLOW

The Collingwood Combined Sewer Overflow (CSO) system operates under the Ministry of the Environment, Conservation and Parks Certificate of Approval #2414-63TQET.

The total flow to sanitary from this system was 130,410m³. The total flow to the lake was 5,868 m³ during overflow events.

There were 3 overflows events from this system.

No repairs had to be done to this system and no operating problems were encountered.

1.3 ORCHARD STREET COMBINED SEWER OVERFLOW

The Orchard St. (Emma Martin) CSO system operates under the Ministry of the Environment, Conservation and Parks Certificate of Approval #1172-64EMDR.

The total flow through this system 27,590 m³ with no overflows occurring.

No repairs had to be done to this system and no operating problems were encountered.

2 EQUIPMENT CALIBRATIONS

All facility flow meters are calibrated annually by third party contractors. Calibration records are available upon request.

3 COMPLAINTS

There were no complaints received related to these facilities.

4 OVERFLOW SUMMARY

Collingwood CSO was the only facility to see overflows in 2021 and they were due to wet weather events. The total volume discharged to the lake was 5,868 m³.

For further information about this report or any questions regarding accessibility contact James Patenaude with email at jpatenaude@utilitieskingston.com, or call 613-546-1181 Ext 2525.