



**River Street Pumping Station  
Collingwood Combined Sewer Overflow  
Orchard Combined Sewer Overflow  
2022 ANNUAL REPORT**

DOCUMENT:

**River Street Pumping Station, Collingwood CSO, and Orchard CSO Annual Report**

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## 1 EXECUTIVE SUMMARY

### 1.1 RIVER STREET PUMPING STATION

River Street 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 19,377,273 m<sup>3</sup>.

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.

River street SPS had a large pump removed and sent off-site to be rebuilt, and generator #1 had its fuel system repaired.

### 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 41,915.2 m<sup>3</sup>. This location had two overflow events with a total overflow volume of 11,885.63 m<sup>3</sup>.

The CSO tank was cleaned and inspected, and the media in the odour control unit was replaced.

### 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 64,896.65 m<sup>3</sup> with no overflows occurring.

The media in the odour control unit was replaced.

## 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 2022 and they were due to wet weather events. The total volume discharged to the lake was 11,885.63 m<sup>3</sup>.

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