



CLEARVIEW
TOWNSHIP



Wastewater Collection System 2025 Annual Performance Report

Period Covering: January 1 to December 31, 2025

(Prepared in accordance with CLI-ECA 099-W601, Schedule E)

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INTRODUCTION

This report has been prepared by the Township of Clearview to satisfy the requirements of Schedule E, Section 4.6 of the Environmental Compliance Approval for a Municipal Sewage Collection System that has been issued to the Township of Clearview by the Ontario Ministry of Environment, Conservation and Parks (MECP).

The report covers the period from January 1 to December 31, 2025, for the following municipally owned and operated wastewater collection system:

Wastewater Collection System Information

Consolidated Linear Infrastructure – Environmental Compliance Approval (CLI-ECA):

ECA Number: 099-W601
Issue Number: 2
Issue Date: January 22, 2024

Report Content

Under Schedule E, Section 4.6 CLI-ECA 099-W601, the Owner of the municipal sewage collection system is required to prepare an annual performance report covering the period of January 1 to December 31 by March 31st of the following year. The report is to be submitted to the MECP Director and if a collection system overflow or spill of sewage occurred during the reporting period it will also be submitted to the District Manager. The annual performance report must contain the following information:

- If applicable, includes a summary of all required monitoring data along with an interpretation of the data and any conclusion drawn from the data evaluation about the need for future modifications to the Authorized System or system operations.
- A summary of any operating problems encountered, and corrective actions taken.
- A summary of all calibration, maintenance, and repairs carried out on any major structure, equipment, apparatus, mechanism, or thing forming part of the Municipal Sewage Collection System.
- A summary of any complaints related to the Sewage Works received during the reporting period and any steps taken to address the complaints.
- A summary of all Alterations to the Authorized System within the reporting period that are authorized by this approval including a list of Alterations that pose a Significant Drinking Water Threat.

- A summary of all Collection System Overflow(s) and Spill(s) of Sewage including:
 - Dates;
 - Volumes and durations;
 - If applicable, loadings for total suspended solids, BOD, total phosphorus, and total Kjeldahl nitrogen, and sampling results for E.coli;
 - Disinfection, if any; and
 - Any adverse impact(s) and any corrective actions, if applicable.
- A summary of efforts made to reduce Collection System Overflows, Spills, STP Overflows, and/or STP Bypasses, including the following items, as applicable:
 - A description of projects undertaken and completed in the Authorized System that result in overall overflow reduction or elimination including expenditures and proposed projects to eliminate overflows with estimated budget forecast for the year following that for which the report is submitted.
 - Details of the establishment and maintenance of a PPCP including a summary of project progresses compared to the PPCP's timelines.
 - An assessment of the effectiveness of each action taken.
 - An assessment of the ability to meet Procedure F-5-1 or Procedure F-5-5 objectives (as applicable) and if able to meet the objectives, an overview of next steps and estimated timelines to meet the objectives.
 - Public reporting approach including proactive efforts.

Report Format

This report provides details on measures taken by staff to ensure compliance with Terms and Conditions of the control documents, Act, Regulations, or any orders the system may have been under during the reporting period.

Report Availability

In accordance with Schedule E, Section 4.7 of CLI-ECA 099-W601, a copy of the report is available to the public, free of charge, at the following locations by June 1st:

- Township of Clearview's website www.clearview.ca
- By request at the Township Administration Building, located at 217 Gideon St., Stayner.
- By request at the Township Public Works Building, located at 5833 County Road 96, Stayner.

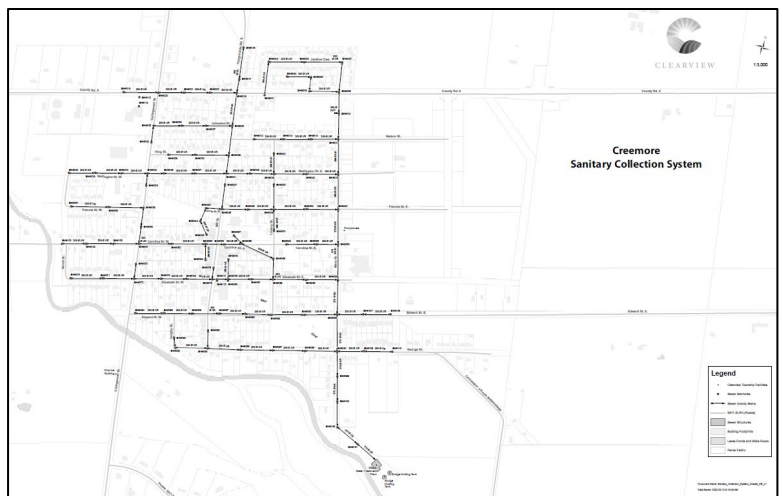
CLEARVIEW WASTEWATER COLLECTION SYSTEM

System Description

The Township of Clearview owns the wastewater collection system which provides services to residents in the Stayner and Creemore settlement areas. The works consist of infrastructure which collects and conveys wastewater from homes and businesses to the Stayner Sewage Treatment Plant, the Creemore Sewage Treatment Plant, and has the capability to direct sewage to the Town of Wasaga Beach wastewater collection system when deemed necessary in the future.

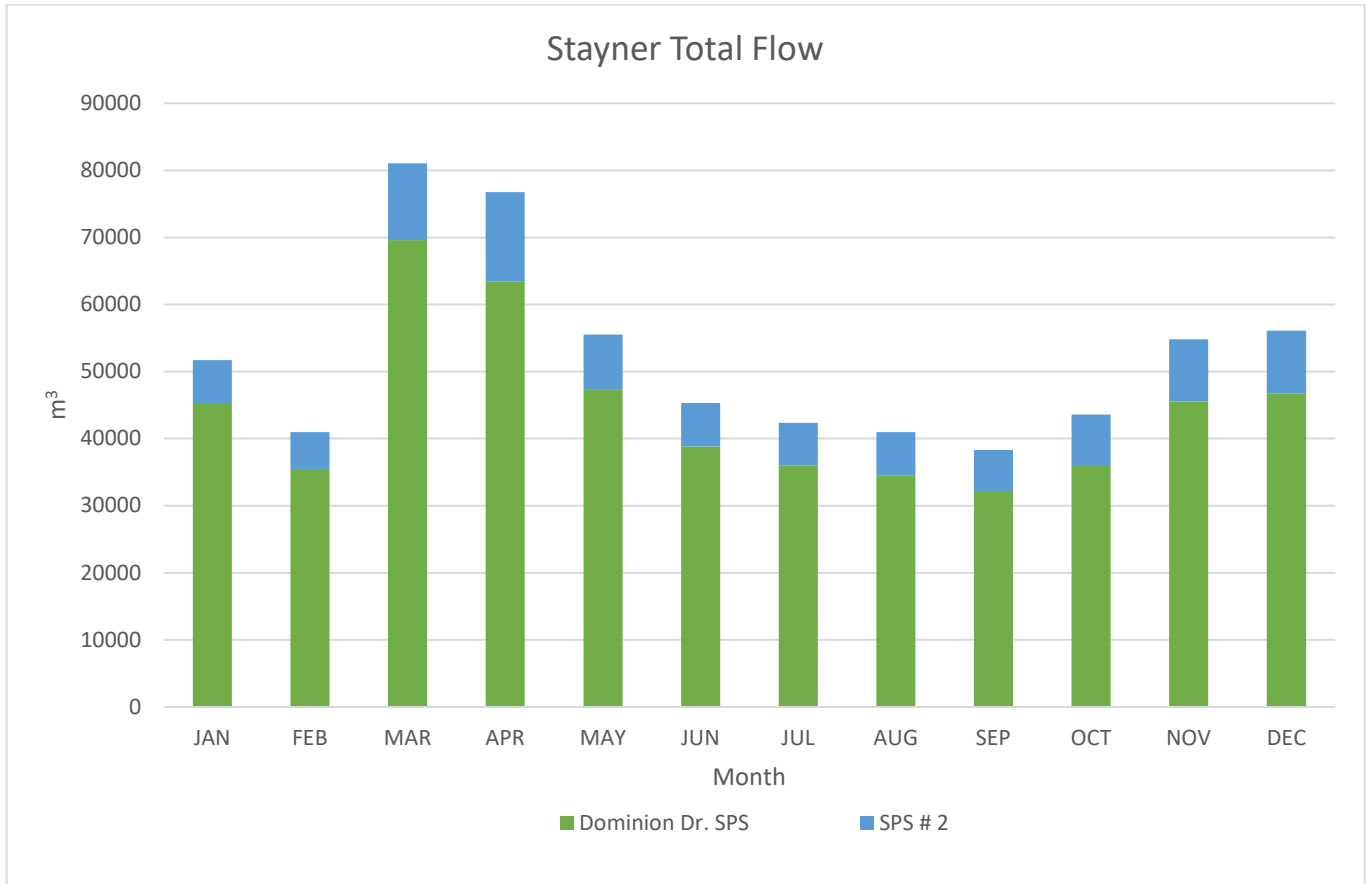
The system consists of approx. 45.5 km of gravity sewer and trunk mains and 16 km of forcemains, with two pumping stations servicing a population of approximately 6,300 people.

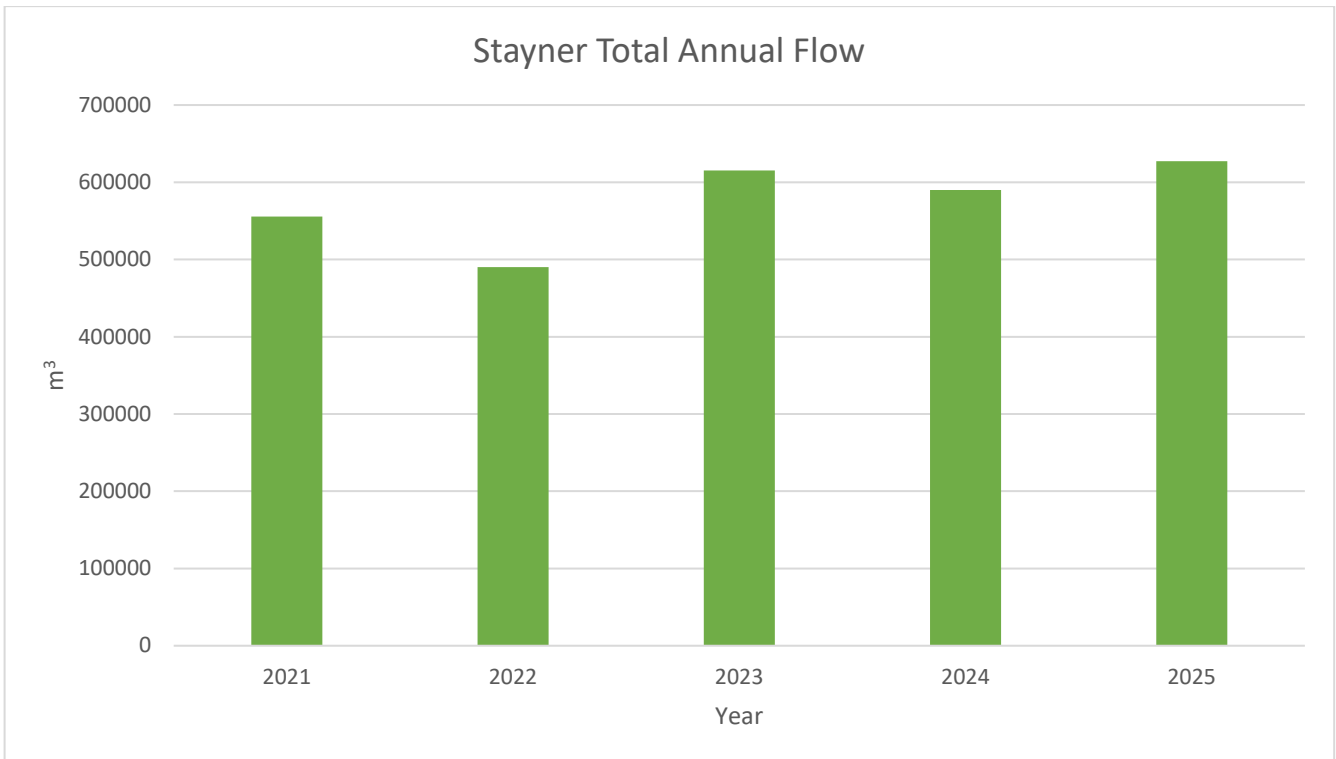
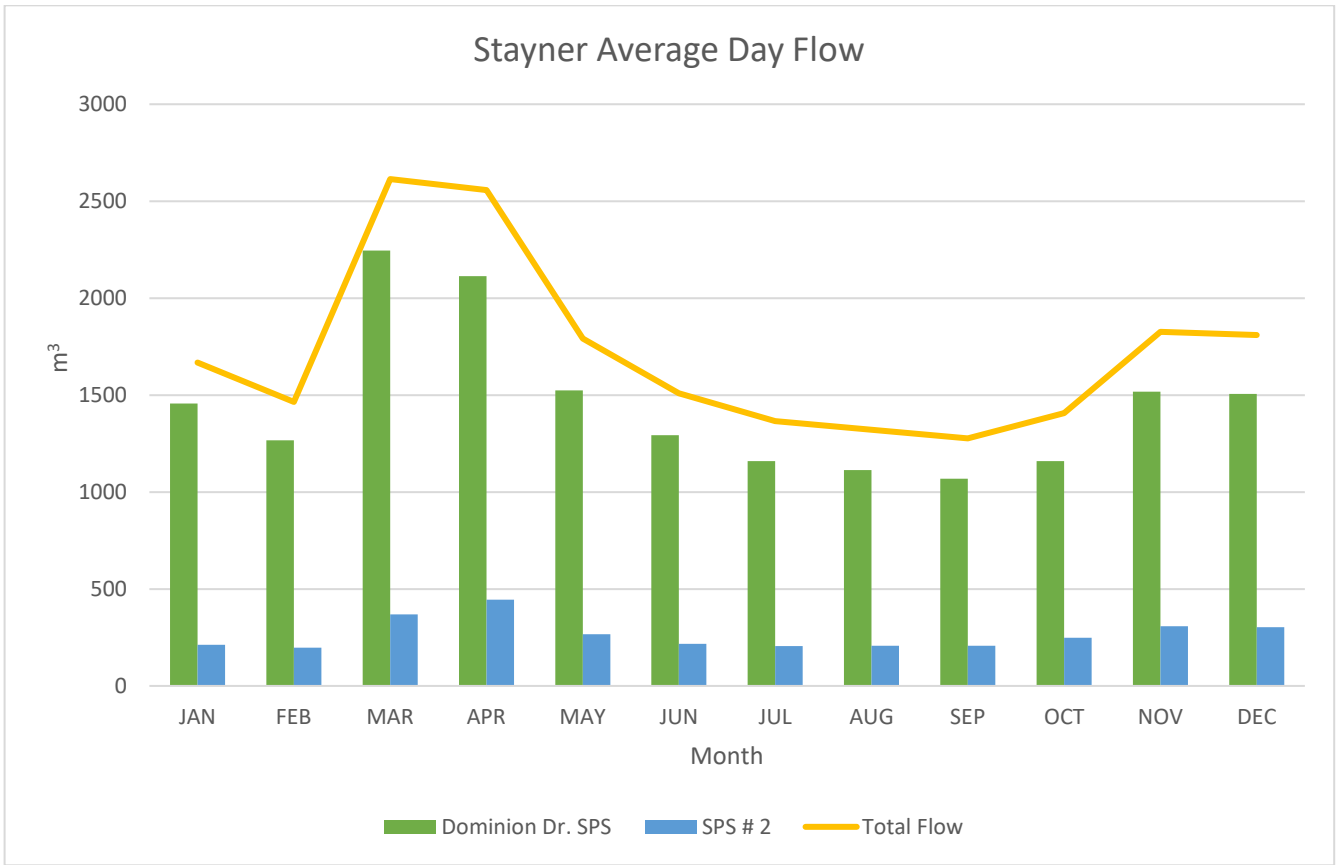
The Township of Clearview is the operating authority for the linear infrastructure and the Town of Collingwood is contracted to act as the operating authority for the pumping stations.



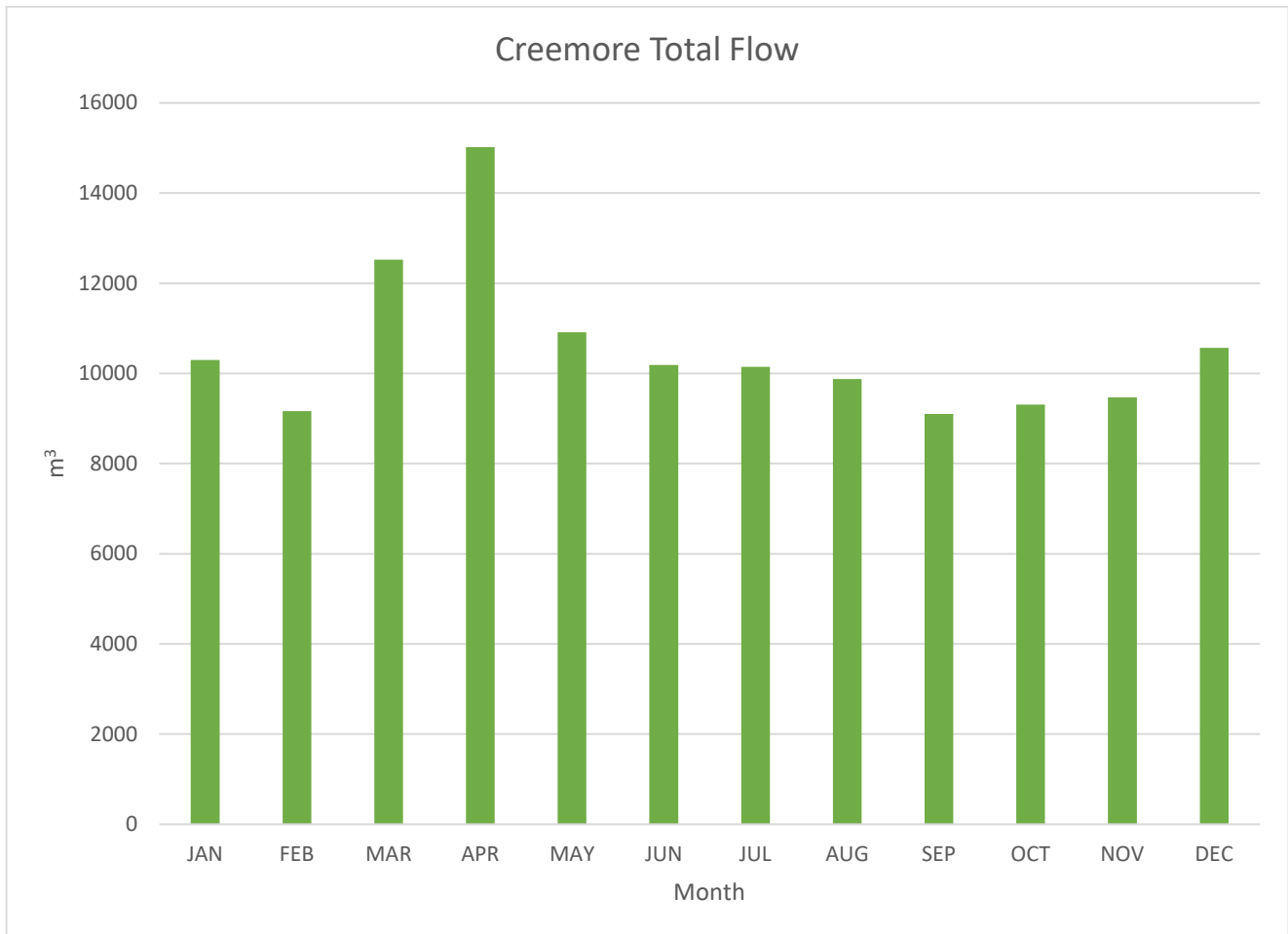
Monitoring Data

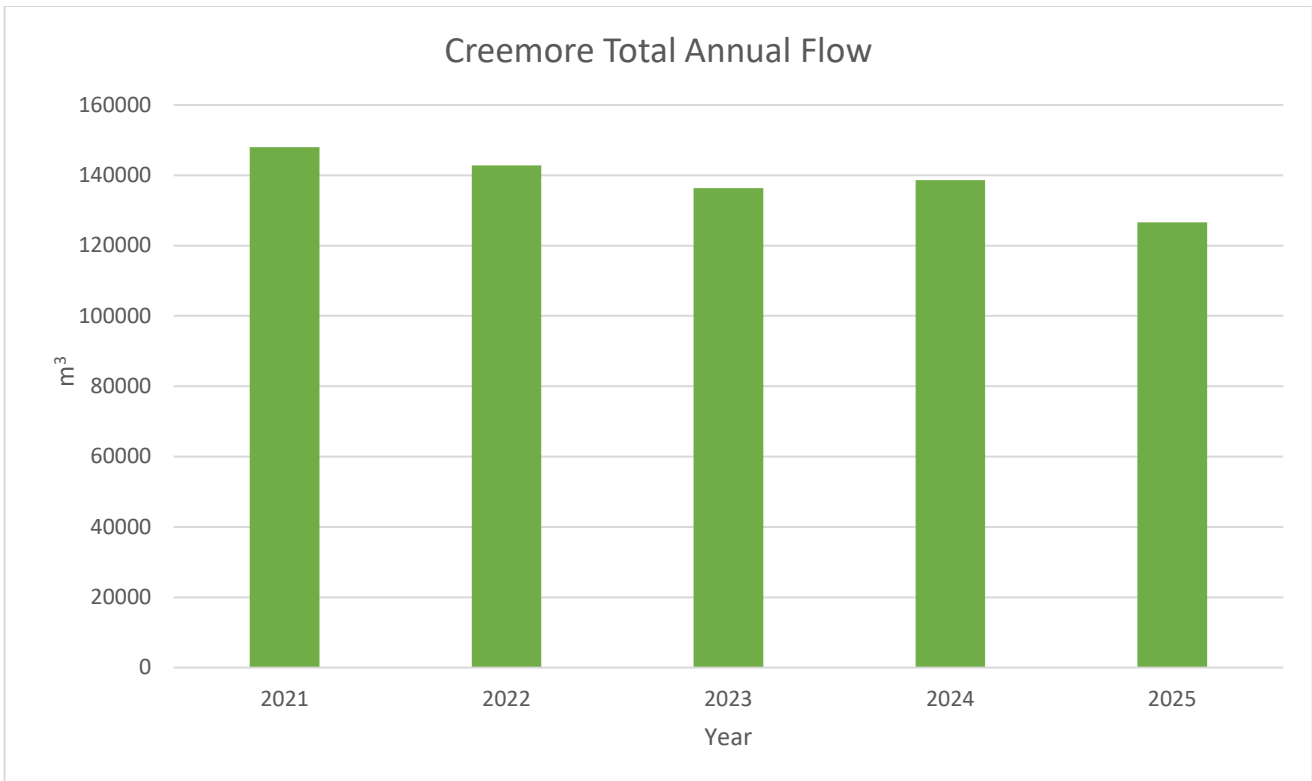
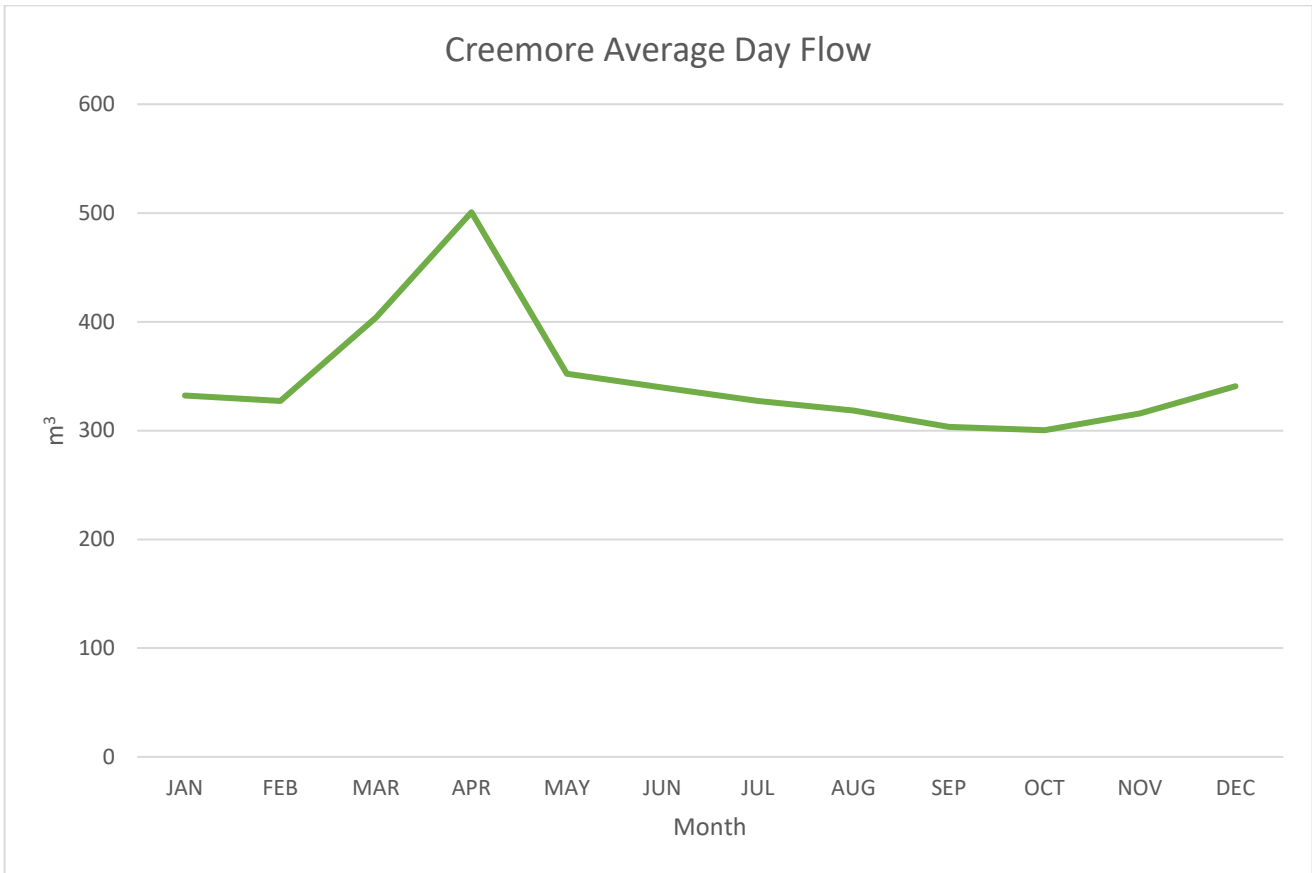
STAYNER	Dominion Dr. SPS			SPS # 2			Stayner Total Flow		
	Total Flow m ³	Average Day Flow m ³	Maximum Day Flow m ³	Total Flow m ³	Average Day Flow m ³	Maximum Day Flow m ³	Total Flow m ³	Average Day Flow m ³	Maximum Day Flow m ³
JAN	45154	1457	2050	6559	212	264	51713	1668	2314
FEB	35489	1267	1620	5507	197	264	40996	1464	1837
MAR	69587	2245	4270	11447	369	849	81034	2614	4953
APR	63402	2113	4397	13341	445	912	76743	2558	5309
MAY	47267	1525	1892	8281	267	328	55548	1792	2215
JUN	38809	1294	1555	6493	216	263	45302	1510	1818
JUL	35962	1160	1343	6381	206	233	42343	1366	1561
AUG	34524	1114	1316	6436	208	234	40960	1321	1524
SEP	32071	1069	1246	6229	208	238	38300	1277	1438
OCT	35921	1159	1613	7686	248	277	43607	1407	1886
NOV	45535	1518	1965	9253	308	347	54788	1826	2308
DEC	46680	1506	2083	9403	303	381	56083	1809	2413
Total/Yr.	530401	1452	4397	97016	266	912	627417	1718	5309





CREEMORE	Creemore WWTP Influent		
	Total Flow m ³	Average Day Flow m ³	Maximum Day Flow m ³
JAN	10299	332	402
FEB	9164	327	399
MAR	12523	404	907
APR	15022	501	873
MAY	10915	352	443
JUN	10187	340	407
JUL	10143	327	389
AUG	9873	318	409
SEP	9104	303	387
OCT	9310	300	385
NOV	9471	316	387
DEC	10567	341	586
Total/Yr.	126578	347	907





Flows within the collection system were considered normal in 2025. The typical increase in monthly flows during the spring thaw and months with higher precipitation is noted in the flow monitoring data. Annual flows for both the Stayner and Creemore collection areas were in line with the 5-year average annual flow totals. The collection system appears to be well equipped to handle the current flow volumes. As more development occurs in Stayner, there will be an increase in the volume of flow directed to SPS # 2 in addition to the future commissioning of Stayner's SE SPS # 3. At some point in the future, it will be necessary to begin utilizing the forcemains to the Town of Wasaga Beach and sending them some of the collected wastewater for treatment.

Operating Problems Encountered and Corrective Actions

At the Dominion Dr. pumping station, a flow differential between the two pumps is occurring due to the mechanical seal in Pump 1 leaking. Pump 1 runs at ~265m³/hr while pump 2 runs at ~300m³/hr. Flowrates at 60hz. In addition, although there are no reported issues, the level sensor could not be properly calibrated and requires replacement.

At Stayner SPS # 2, the standby generator fuel tank was identified as needing to be replaced during a generator inspection.

Issues are under investigation to determine suitable courses of action.

Calibration, Maintenance and Repairs

Collection System

- All manholes (599) were inspected and flushed/cleaned.
- Dead ends flushed.

Dominion Dr. SPS

- Weekly station inspections were completed.
- Monthly high-level alarm and standby generator testing were completed.
- Flow meter was calibrated.
- Level sensor inspected.
- Gas monitoring system inspected.
- Lifting equipment inspected.
- Wet well inspected and cleaned.
- Standby generator radiator and cooling system repaired.

Sewage Pumping Station #2

- Weekly station inspections were completed.

- Monthly high-level alarm and standby generator testing were completed.
- Flow meters were calibrated.
- Level sensors were calibrated.
- Gas monitoring system inspected.
- Lifting equipment inspected.
- Wet well inspected, cleaning was not required.

Complaints

Five complaints were received from customers in 2025.

- All five complaints were due to blockages in the lateral servicing the property and were promptly cleared by local plumbers. No blockages occurred on Township maintained infrastructure. Where necessary, Township operators assisted in locating / determining the cause of the blockage through use of CCTV equipment.

Pre-Authorized Alterations

Sunnidale St., Stayner – Authorized in 2023, construction started in 2024.

- Replacement and new construction of gravity sewers on Sunnidale St. between Phillips St. and Centreline Rd.
- New 200 mm forcemain from South East Stayner SPS to outlet manhole near 235 Sunnidale St.
- New 26.2 L/s South East Stayner SPS just off Sunnidale St. for the servicing of existing properties on Sunnidale St. and the Manortown Homes subdivision.

Manortown Homes Subdivision, Stayner – Authorized in 2023, construction started in 2024

- New gravity sewers to service the Manortown Homes subdivision.

Alterations That Pose a Significant Drinking Water Threat

- Forcemain and gravity sewer on Sunnidale St. passes through WHPA-A for Stayner Wells 1 & 3.

Collection System Overflow(s) and Spill(s) of Sewage

There were no collection system overflows or spills of sewage in 2025.

Efforts to Reduce Collection System Overflows, Spills, STP Overflows and STP Bypasses

As previously discussed in the Calibration, Maintenance and Repairs section, all manholes were inspected, flushed, and cleaned as required. In addition, Township staff flushed dead ends.

The Clearview collection system is entirely made up of separate sewers dedicated to sanitary sewage collection. There are no combined sewers or partially separated sewers. Due to the type of system, its performance history, and the service population, no additional studies or assessments of the collection system are required to be performed under the ECA.