



IS-SAN-F007 – Wastewater Annual Report Form

Purpose: As per CLI-ECA 064-W601 Schedule E Section 4.6 the Owner shall prepare an annual performance report for the authorized system. The report must be submitted to the Director (MECP) on or before March 31st of each year and covers the period from January 1st to December 31st of the preceding calendar year. The report must also be submitted to the District Manager where a collection system overflow or spill of sewage has occurred in the reporting period.

Wastewater System ECA #	064-W601
Wastewater System Name	Town of Fort Erie Wastewater Collection System
Wastewater System Owner	Corporation of the Town of Fort Erie
Period Reported	January 1 st – December 31 st , 2025

If applicable, include 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.

Not applicable – Waiting for Ministry to issue guidance document.

Include a summary of any operating problems encountered and corrective actions taken.

Category / Cause	Number of Issues	Resolution
Manhole Repairs	16	Repaired and/or Replaced frames/lids. Set frames/lids to grade.
Inspection TEE Repairs	7	Repaired / Replaced Sanitary Inspection Tees (I.T.).
Sanitary Main Back-up / Blockage	3	Flushed Sanitary Sewer Mainline to free blockage(s), repaired sewer mainline(s) as necessary. Added locations to monthly flushing list if required.
Sanitary Lateral Repairs	19	Deficiency noted and repaired as required.
Preventative Manhole Flushing	280	Perform preventative maintenance (P.M.) washdowns.
Preventative Sanitary Main Flushing	477	Perform preventative maintenance (P.M.) washdowns.
Preventative Sanitary Lateral Flushing	71	Perform preventative maintenance (P.M.) washdowns.

Include 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.

No calibration requirements at this time. Maintenance and repairs are outlined in other areas of this report.



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Include a summary of any complaints related to the Sewage Works received during the reporting period and any steps taken to address the complaints.

Category / Cause	Number of Issues	Resolution
Sanitary Inspection Tee (I.T.) Cap Repair / Missing	71	Replaced / Repaired I.T. Cap as necessary. Set I.T. Cap to grade.
Sewer Smell Complaints	8	Investigate issue. Determine issue related to private plumbing.
Sewer Lateral Back-ups	71	All sanitary sewer lateral blockages cleared. Repairs to sanitary sewer laterals completed as needed.
Sanitary Lateral Video Inspections	69	Video inspections completed. Lateral deficiencies noted. Repaired as needed.
Extraneous Flow Inspections	89	Inspections completed. Extraneous flow (I & I) occurrences noted and repaired as needed.

Include 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.

No alterations pose a Significant Drinking Water Threat. 2025 alterations summarized below:

Location (Project Name)	Alteration Summary	Status
No completed construction related to wastewater in 2025	No completed construction related to wastewater in 2025	No completed construction related to wastewater in 2025

Note: Construction Project details included in appropriate Ministry Future Alteration Forms.

Include a summary of all Collection System Overflow(s) and Spill(s) of Sewage, including:

- a) Dates;
- b) Volumes and durations;
- c) If applicable, loadings for total suspended solids, BOD, total phosphorus, and total Kjeldahl nitrogen, and sampling results for E.coli;
- d) Disinfection, if any; and
- e) Any adverse impacts and any corrective actions, if applicable

No Collection System Overflows in 2025. Sewage bypass pumping in 2025 include the following:



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Date	Location	Volume/Duration	Sample Results	Disinfection	Adverse Impacts / Corrective Actions
Apr. 21, 2025	Nigh Road – Due to rain	392 m3 / 1 hrs. 55 min.	By-Pass Discharge: - TSS 112 mg/L - BOD <60 mg/L - Total Phosphorous <0.2 mg/L - Total Kjeldahl Nitrogen 5.2 mg/L - E coli 830000 MPN/100m	Chlorine Pucks	N/A
Dec. 29, 2025	Nigh Road – Due to rain and snow melt	349.5 m3 / 3 hrs. 53 min.	By-Pass Discharge: - TSS 46 mg/L - BOD <40 mg/L - Total Phosphorous 0.2 mg/L - Total Kjeldahl Nitrogen 0.8 mg/L - E coli 40000MPN/100m	Chlorine Pucks	N/A

Include a summary of efforts made to reduce Collection System Overflows, Spills, STP Overflows, and/or STP Bypasses, including the following items, as applicable:

- a) A description of projects undertaken and completed in the Authorized System that result in overall 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.
- b) Details of the establishment and maintenance of a PPCP, including a summary of project progresses compared to the PPCP’s timelines.
- c) An assessment of the effectiveness of each action taken.
- d) 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.
- e) Public reporting approach including proactive efforts.

a) Refer to Project Table Below:

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Project #	Project Name	Total Budget	Status
1)	MANR24 Maintenance Hole Rehabilitation	\$400,000.00	2025 Sanitary Maintenance Hole Relining (Predl Liner System) Project. Completed installation of 9 laser measured polyurea synthetic liners to increase service life of infrastructure and reduce inflow and infiltration (I&I) at previously surveyed high I&I sanitary maintenance hole locations. 7 additional PREDL Liners have been procured and warehoused at the Town of Fort Erie Municipal Works Facility for installation in 2026. The anticipated return on investment (ROI) is 4 years, resulting from reduced treatment costs through infrastructure improvement and I&I reduction.
2)	ISE-25P-FLOMON25 Wastewater Trenchless Rehabilitation; Pre- and Post-Flow Monitoring Analysis	\$225,000.00	<p>Pre-Rehabilitation Data</p> <ul style="list-style-type: none"> Completed September 30, 2025. Data collected prior to commencement of the WWTR24/25 mainline CIPP trenchless rehabilitation program. <p>Post-Mainline Sewer Data</p> <ul style="list-style-type: none"> Scheduled for completion by May 2026. Collection and analysis of flow data following completion of mainline CIPP rehabilitation works. <p>Post-Lateral Lining Data</p> <ul style="list-style-type: none"> Scheduled for completion by November 2026. Collection and analysis of flow data following completion of lateral CIPP rehabilitation works.
3)	ISE-25P-WWTR24 2025 Trenchless Rehabilitation and Field Investigation Program	\$1,351,000.00	<p>The WWTR24 and WWTR25 projects combined to complete wastewater mainline trenchless rehabilitation works. Location is North-end Fort Erie Catchment areas. Scope of work:</p> <ul style="list-style-type: none"> Full-length CIPP lining Spot repairs Manhole (MH) grout injection Lateral lining Smoke testing, MH CCTV – Downspout disconnections, IT repairs, standpipe repairs. <p>Year end 2025 – Project approximately 80% complete, with full-length lining substantially finished. Spot repairs, MH grout injection, and lateral lining works remain outstanding.</p> <p>Project Location is within the Catherine Street SPS Catchment area.</p> <p>Phase 1</p> <ul style="list-style-type: none"> Collection of lateral launching CCTV data to support review and development of a lateral lining contract. Phase 1 works completed. <p>Phase 2</p> <ul style="list-style-type: none"> Tender development is currently in progress for the Catherine Street SPS area. Lateral lining is scheduled for completion by July 2026.
4)	ISE-25P-WWTR25	\$2,500,000.00	
5)	ISE-25P-CSII24	\$1,980,000.00	
6)	ISE-26P-WWTR26 2026 Trenchless Rehabilitation and Field Investigation Program	\$2,500,000.00	<p>WWTR26 – Project Location is within the Lakeshore SPS Catchment area. Scope of work:</p> <ul style="list-style-type: none"> Lateral Launching CCTV, MH CCTV Pre-Flow monitoring Smoke testing, Downspout disconnections, IT repairs, standpipe repairs. Full-length CIPP lining <p>The project will be starting shortly with the study portion of the project (Lateral Launching, MH CCTV, etc.) Full-length will start once WWTR24/25 projects are 100% complete.</p>

- In-Sewer Flow Monitoring Program – Flow monitors are utilized to identify areas of concern related to Inflow and Infiltration (I&I) within the Town of Fort Erie sanitary sewer collection system. Approx. annual cost \$20,000



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- 2025 Extraneous Flow Reduction Program – Subsidy program provided to homeowners to reduce extraneous flow by eliminating weeper connections, illegal sump pump connections, broken laterals and installing back water valves to help prevent basement flooding during sewer surcharge events. For 2025 – 20 I&I Projects completed through the Extraneous Flow Reduction Program. 2025 – Total Amount Subsidized \$55,200.00. 2025 Extraneous Flow Reduction Program Budget - \$55,000.00

- b) PPCP Not applicable – Municipality does not have combined sewers.

- c) Sewer flow monitoring detects patterns and anomalies that indicate potential issues in the system such as I&I Detection, Capacity Planning, Asset Management and Risk Management.

- d) Procedure F-5-5 – Not applicable (no combined sewers within Municipality). Procedure F-5-1 – Not applicable.

- e) The municipality communicated proactive efforts to improve the sewer infrastructure to the public during capital budget meetings.

As required under Schedule E Section 4.7 This report will be made available by June 1st of the same reporting year, to members of the public without charge by publishing the report on the internet.

This report will also be made available on request and without charge, to members of the public who are served by the authorized system.