



**City of Timmins
Annual Performance Report**

Municipal Sewage Collection System

**Consolidated Linear Infrastructure Environmental Compliance
Approval #220-W601**

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INTRODUCTION

The Timmins Sewage Collection System (SCS) is owned and operated by the City of Timmins in accordance with Consolidated Linear Infrastructure Environmental Compliance Approval #220-W601 issued March 28, 2023. The wastewater sewage collection system consists of five (5) sewage works: Bob's Lake, Mattagami, Whitney-Tisdale, Buffalo-Ankerite and Delnite. The sewage collection system includes stations, linear infrastructure and all other controls, electrical equipment, instrumentation, piping, pumps, valves, and appurtenances that are essential for the operation of the Works.

Throughout the reporting period (January 1st – December 31st, 2023), Operations staff worked diligently completing several maintenance, rehabilitation, and renewal projects to ensure the adequacy of the Timmins Sewage Collection System. In 2023, sanitary lining, sewer cleaning and closed-circuit television (CCTV) were completed.

No Ministry of the Environment, Conservation and Parks (MECP) inspection occurred during the reporting period.

ANNUAL PERFORMANCE REPORT

In accordance with the CLI-ECA #220-W601, Schedule E Section 4.6, the City of Timmins, as the Owner and operator of the Timmins Sewage Collection System, shall prepare and submit a performance report to the Ministry of the Environment, Conservation and Parks (MECP) on an annual basis.

A: MONITORING DATA

Operation and maintenance of the pump stations are conducted by licensed wastewater operators. The use of an operational log book, as required under the Licensing of Sewage Works Operators Regulation (O. Reg. 129/04, s. 19 (1)), is used to record departures from normal operating procedures, preventative maintenance activities, unusual or abnormal conditions, and equipment that was taken out of service, ceased to operate, underwent maintenance or repair.

Monitoring and inspection of the wastewater collection system includes programs consisting of; sanitary main flushing and camera work, acoustic sewer inspections, and maintenance hole repair/replacement. Staff also inspected all fourteen (14) portable and permanent generators and ran on-load twelve times (monthly) during the reporting period.

Based on the adequacy of the works, it has been determined that the system is performing adequately to meet demand and maintenance requirements. At this time there are no required major modifications required for the collection system. Continuous improvement and optimization will continue to be a priority for staff and management.

B: OPERATING PROBLEMS

Occasional operating issues are encountered in the Timmins Sewage Collection System; however, Operators and maintenance staff respond accordingly. The table below summarizes operating issues in 2023.

Table A - Summary of Operating Problem Encountered and Corrective Actions Taken

Date	Location	Operating Issue	Corrective Action Taken
3-Jan-23	Mountjoy St S	Broken manhole cover	New lid was installed
11-Jan-23	HWY 655 at Algonquin Blvd E	Manhole cover missing	New lid was installed
16-Jan-23	Lakeshore Dr	Manhole cover missing	New lid was installed
19-Jan-23	Pine St N	Manhole hit needs adjustment	Readjusted and repaired manhole frame
19-Jan-23	Pine St N at Ninth Ave	Manhole hit needs adjustment	Readjusted and repaired manhole frame
19-Jan-23	Michener Blvd	Manhole hit needs adjustment	Readjusted and repaired manhole frame
19-Jan-23	Cameron St S	Manhole hit needs adjustment	Readjusted and repaired manhole frame
19-Jan-23	Cameron St S	Manhole hit needs adjustment	Readjusted and repaired manhole frame
17-Feb-23	Pine St N at Brousseau	Manhole cover missing and manhole high	Crews to created investigation report
7-Mar-23	Croatia Ave	Manhole hit needs adjustment	Readjusted and repaired manhole frame
8-Mar-23	Blahey Court	Manhole hit needs adjustment	Readjusted and repaired manhole frame
8-Mar-23	Blahey Court	Manhole hit needs adjustment	Readjusted and repaired manhole frame
9-Mar-23	Spruce St N	Manhole hit needs adjustment	Readjusted and repaired manhole frame
18-Apr-23	Goldrush St	Manhole lid is cracked	Manhole lid replaced
27-Apr-23	Macleam Dr	Collapsed manhole	Manhole repaired
28-Apr-23	Crawford St	Collapsed manhole	Manhole repaired
5-May-23	Birch St S	Collapsed manhole	Manhole repaired
7-May-23	Acres Cres	Manhole lid is cracked	Manhole lid replaced
19-May-23	Joseph St	Manhole lid is cracked	Manhole lid replaced
1-Jun-23	Toke St	Manhole hit needs adjustment	Readjusted and repaired manhole frame
9-Jun-23	Spruce St S	Manhole lid is cracked	Manhole lid replaced
19-Jun-23	Windsor Ave	Hole next to manhole	Crew patched and repaired
23-Jun-23	Algonquin Blvd	Collapsed sanitary main	Contractor repaired and install new lengths of sanitary main.
26-Jun-23	Mountjoy St S	Hole next to manhole	Crew patched and repaired
27-Jun-23	Elm St N	Manhole Structure Repair	Repaired manhole structure
27-Jun-23	Birch St S	Manhole hit needs adjustment	Readjusted and repaired manhole frame
11-Jul-23	Hudson Cres	Sanitary manhole needs reconstruction	Repaired manhole structure
17-Jul-23	Hemlock St	Repair section of sanitary service	Storm repair turned into repairing a section of sanitary service
17-Jul-23	Father Costello Dr	Hole next to manhole	Investigated and filled in

20-Jul-23	Main St	Manhole identified as being too high	Readjusted and repaired manhole frame
25-Jul-23	Delia Ave	Repair section of sanitary main	Excavated and repaired sanitary main
8-Aug-23	Main St	Manhole identified as being too high	Readjusted and repaired manhole frame
9-Aug-23	Main St	Manhole lid needs to be replaced	Manhole lid replaced
18-Aug-23	Blahey Court	Manhole frame repair	Readjusted and repaired manhole frame
1-Sep-23	Lawrence St	Manhole Adjustment	Readjusted and repaired manhole frame
5-Sep-23	Duke St W	Manhole lid is cracked	Manhole lid replaced
3-Oct-23	Jessica St	Manhole hit needs adjustment	Readjusted and repaired manhole frame
3-Oct-23	Golden Ave	Manhole identified as being too high	Readjusted and repaired manhole frame
10-Oct-23	Whitney-Tisdale Pump Station No. 6	Power Outage affecting Whitney-Tisdale Pump Station 6	Generator did not transfer to backup power during power outage resulting in a spill to Porcupine Lake through the overflow discharge point. Spill was reported to Spills Action Center. Issue corrected.
20-Oct-23	Main St at Harold	Manhole cover missing	New lid was installed
9-Nov-23	Duke St E	Manhole hit needs adjustment	Readjusted and repaired manhole frame
1-Dec-23	McIntyre Rd	Manhole hit needs adjustment	Readjusted and repaired manhole frame
6-Dec-23	Algonquin Blvd at Riverside Dr	manhole cover missing	New lid was installed
11-Dec-23	Blahey Court	Manhole Adjustment	Readjusted and repaired manhole frame

C: MAINTENANCE

The Municipality maintains an active maintenance management program, for general maintenance and repair, to ensure that the facilities are maintained in a fit state of repair. Sewage pumping station inspections and rounds are conducted by the Operators and any observations are being recorded. In addition to this program, major works were upgraded or replaced as follows:

Table B - Summary of Maintenance Activities

Date	Process	Maintenance Activity
25-Jan-23	Tamarack St - Manhole identified as being too high	Readjusted manhole frame
2-Feb-23	Pine St N at Brousseau - Manhole identified as being too high	Crews to created investigation report
6-Feb-23	Victoria Ave at Maclean Dr - Manhole identified as being too high	Readjusted manhole frame
14-Feb-23	Shirley St N - Manhole identified as being too high	Readjusted manhole frame
8-Mar-23	Renison Ave - Manhole identified as being too high	Crews to created investigation report
28-Mar-23	Renison Ave at Bergeron Court - Manhole identified as being too high	Crews to created investigation report
18-Apr-23	Strachan Ave - Manhole identified as being too low - Roadway heaved	Private property driveway settled. Private issue.

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9-May-23	Main St & Harold Ave - Manhole Adjustment	Readjusted manhole frame
9-May-23	Main St - Manhole Adjustment	Readjusted manhole frame
15-May-23	Pine St S - Manhole Adjustment	Readjusted manhole frame
16-May-23	Pine St S - Manhole Adjustment	Readjusted manhole frame
17-May-23	Sixth Ave at Elm St N - Manhole Adjustment	Readjusted manhole frame
18-May-23	Elm St N - Manhole Adjustment	Readjusted manhole frame
20-May-23	Main St - Manhole Adjustment	Readjusted manhole frame
May 29- June 9, 2023	Wet well cleanings at all stations within the CLI-ECA	Wet wells are pumped down and cleaned out annually to get rid of the FOG buildup and for annual inspections.
29-May-23	Croatia Avenue Pump Station	Pump #2 was removed from service and sent for a rebuild on May 29, 2023. Pump #2 was installed and put back in service on July 10, 2023.
5-Jun-23	Hwy 101 E - Dye Test	Crew did a dye test from residence and confirmed flow towards Rekela and the Bristol Pump station. Needed to confirm for Engineering.
7-Jun-23	Park Ave - Manhole Adjustment	Readjusted manhole frame
8-Jun-23	Third Ave - Camera inspection	Crew completed camera inspection for Engineering and Contractor.
15-Jun-23	Park Ave - Manhole Adjustment	Readjusted manhole frame
19-Jul-23	Hudson Crescent Pump Station	A narrow beam radar unit was installed at the station for pump control on July 19, 2023. The radar unit started controlling the pumps on July 20, 2023 and the floats were eliminated from pump controls.
20-Jul-23	Main St - Manhole identified as being too high	Readjusted and repaired manhole frame
28-Jul-23	Croatia Ave - Manhole Adjustment	Readjusted manhole frame
8-Aug-23	Main St - Manhole identified as being too high	Readjusted and repaired manhole frame
26-Sep-23	McIntyre Rd - Camera inspection	Investigating sanitary service on McIntyre Rd. to review issues. No issues with sanitary service.
3-Oct-23	Golden Ave - Manhole identified as being too high	Readjusted and repaired manhole frame
17-Nov-23	Murray St - Line Locate	Engineering requested to locate sanitary service
21-Nov-23	Melrose Blvd - Line Locate	Engineering requested to locate sanitary service

22-Nov-23	Boundary Street Pump Station	Pump #2 at Father Costello lift station was removed on November 22, 2023 and sent out for a rebuild. Pump was installed and put in service on January 11, 2024.
4-Dec-23	Whitney-Tisdale Pump Station 4	Re-location of flowmeter. This was a deficiency from the station upgrade completed by contractor. The flowmeter is now at a proper distance for flow readings.
13-Dec-23	Croatia Avenue Pump Station	New emergency generator was commissioned and put into service on December 13, 2023.

All maintenance was performed on behalf of the Owner, by licensed Operators or qualified contracted service providers who exercise due diligence in ensuring the Works and the related equipment are properly operated and maintained. Calibration of the flow meters and gas detectors were conducted as per regular annual maintenance by a third-party contractor.

D: COMPLAINTS

The number of complaints received during the Reporting Period, regarding the Wastewater Collection System, was one hundred and twenty-one (121). Complaints are itemized below with corresponding steps taken to address the complaints.

Table C - Summary of Complaints

Date	Location	Problem	Actions to Address Complaint
03-Jan-23	Cecil Ave	Sewer Backup	Private Issue. Plumber cleared blockage.
05-Jan-23	Louise Ave	Sewer Backup	Excavation & Repair
06-Jan-23	Cedar St S	Sewer Backup	Private Issue. Plumber cleared blockage.
09-Jan-23	Cecil Ave	Sewer Backup	Private Issue. Plumber cleared blockage.
14-Jan-23	KellyAnn Dr	Sewer Backup	Curtesy Flush. Informed to call plumber and have camera inspection completed and sent to City.
16-Jan-23	Rose Marie Cr	Sewer Backup	Curtesy Flush. Informed to call plumber and have camera inspection completed and sent to City.
18-Jan-23	Riverpark	Sewer Backup	Flushed sanitary main. Issue addressed.
19-Jan-23	Boundary Ln	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
25-Jan-23	Toke St	Sewer Backup	Repair/Flush. Manhole benching was repaired.
27-Jan-23	Suzanne St	Complaint	Private Issue. Resident called in that both septic pumps are running continuously. City side clear. Informed to call plumber.
30-Jan-23	Main St	Sewer Backup	Private Issue. Investigated and no issue on City side.
31-Jan-23	Balsam St S	Sewer Backup	Flushed sanitary main to free blockage.

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31-Jan-23	Suzanne St	Complaint	Private Issue. Informed to call plumber and have camera inspection completed and sent to City. Resident hired contractor to jetter the service.
31-Jan-23	Balsam St S	Sewer Backup	Contractor excavated and completed the repair.
02-Feb-23	Belanger Ave	Sewer Backup	Curtesy Flush. Informed to call plumber and have camera inspection completed and sent to City
13-Feb-23	Tamarack St	Sewer Backup	Private Issue. Plumber cleared service blockage
13-Feb-23	Railway St	Sewer Backup	Flushed sanitary main. Issue addressed
15-Feb-23	Brock Ave	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
16-Feb-23	Lynnwood Dr	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
27-Feb-23	Laffin Cres	Sewer Backup	Main frozen, flushed and thawed to get flowing again.
28-Feb-23	Henry St	Complaint	Private Issue. Resident concerned after service inspection that water was staying in the line. Informed to call plumber and have camera inspection completed and sent to City. Camera inspection indicated private issue.
05-Mar-23	Cedar St N	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
07-Mar-23	Algonquin Blvd W	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
16-Mar-23	Cameron St S	Sewer Backup	Private Issue. Frozen service. Informed to call plumber and have camera inspection completed and sent to City.
16-Mar-23	Toke St	Sewer Backup	Flush. Crew cleared small amount of build up where sewer service drops into manhole however crew noted that the plumbers needed to go inside the building to clear the blockage.
19-Mar-23	Patricia Blvd	Sewer Backup	Curtesy Flush sanitary main. Sewer main was flowing, curtesy flush did help. No more issue for homeowner.
23-Mar-23	Golden Ave	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
23-Mar-23	Birch St N	Sewer Backup	Curtesy Flush. Informed to call plumber and have camera inspection completed and sent to City.
30-Mar-23	Eighth Ave	Sewer Backup	Curtesy Flush. Informed to call plumber and have camera inspection completed and sent to City.
31-Mar-23	Balsam St S	Sewer Backup	Flushed sanitary main to free blockage (Two large plastic bags found).
31-Mar-23	Leighton St	Sewer Backup	Curtesy Flush. Informed to call plumber and have camera inspection completed and sent to City.
07-Apr-23	Moneta Ave E	Sewer Backup	Thawed end of sanitary service. Cleared Blockage.
07-Apr-23	Father Costello	Sewer Backup	Thawed end of sanitary service. Cleared Blockage.
09-Apr-23	Maple St S	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
10-Apr-23	Balsam St S	Sewer Backup	Curtesy Flush. Informed to call plumber and have camera inspection completed and sent to City.

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11-Apr-23	Park Ave	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
11-Apr-23	Elm St S	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
12-Apr-23	Golden Ave	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
12-Apr-23	Cecil Ave	Sewer Backup	Private Issue. Sump pit drain was plugged.
13-Apr-23	Legion Dr	Sewer Backup	Courtesy flush completed. Also found a second service. Crew performed camera inspection. Service issue deemed on private side.
14-Apr-23	Burke St	Sewer Backup	Informed to call plumber and have camera inspection completed and sent to City.
17-Apr-23	Porcupine Bridge	Complaint	Complaint about smell and discolouration of the water in lake & leaving the lake under Porcupine bridge. Crew went out to investigate area and there is sign of sewage leak.
18-Apr-23	Brousseau Ave	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
24-Apr-23	Couture Ave	Sewer Backup	Excavation. Repair completed by contractor.
24-Apr-23	Couture Ave	Sewer Backup	Excavation. Repair completed by contractor.
24-Apr-23	Couture Ave	Sewer Backup	Excavation. Repair completed by contractor.
24-Apr-23	Moneta Ave E	Complaint	Resident called and asked if the City could flush the service due to odour. Flushed line March 2. No issues on City side.
24-Apr-23	Third Ave	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
27-Apr-23	Moneta Ave E	Complaint	Private Issue. Resident called about smell again. Supervisor called to advise resident to run water and flush out their sump pit P trap.
01-May-23	Park Ave	Sewer Backup	Private Issue. Resident needed to have plumber clear the blockage and flush away build up in their service.
02-May-23	Waterloo Rd	Sewer Backup	Private Issue. Homeowner pumping water into a toilet and toilet was not taking water.
02-May-23	Riverside Dr	Sewer Backup	Build up at end of service. Flushed away and issue is gone.
02-May-23	Balsam St S	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
06-May-23	Feldman Rd	Sewer Backup	Flush. Call that there could be possible blockage at TWFP. Turned out to be a pump/private issue. Courtesy flush completed.
15-May-23	Frontenac Cres	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
01-Jun-23	Pine St S	Complaint	Private Issue. Resident called in regarding a strong sewer smell. City crew checked all manholes in area and no issues. Deemed private issue.
12-Jun-23	Essa Ave	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
22-Jun-23	Algonquin Blvd E	Sewer Backup	Excavation. Contractor repaired sanitary main.
22-Jun-23	Birch St S	Sewer Backup	Excavation. Contractor repaired sanitary service. Roots issue as well as poor clay tile pipe. New service installed, joint repair City and homeowner.
26-Jun-23	Elm St N	Sewer Backup	Excavation. Contractor repaired and installed new section of sanitary

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			main.
27-Jun-23	Hudson Cres	Sewer Backup	Flush. City flushed sanitary main and noted a blockage near manhole. Noted a lot of grease came back from flushing. Cleared Blockage.
28-Jun-23	Tamarack St	Sewer Backup	Curtesy Flush. Plumber requested a curtesy flush to see if resident issue is mitigated. Crew flushed and it did not help issue. Private issue.
29-Jun-23	Pine St N	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
10-Jul-23	Rea St N	Sewer Backup	Curtesy Flush. Informed to call plumber and have camera inspection completed and sent to City.
11-Jul-23	Third Ave	Sewer Backup	Private Issue. Crews inspected system, no signs of blockage. Had a heavy rain event, water went away. Informed to call plumber and have camera inspection completed and sent to City.
11-Jul-23	Third Ave	Sewer Backup	Private Issue. Crews inspected system no signs of blockage. Had a heavy rain event, water went away. Informed to call plumber and have camera inspection completed and sent to City.
18-Jul-23	Jarvi St	Sewer Backup	Curtesy Flush. Did not help. Informed to call plumber and have camera inspection completed and sent to City
19-Jul-23	Third Ave	Sewer Backup	Excavation. Sent City camera up sanitary main and found large rock obstructing the main. Had contractor excavate to repair right away.
02-Aug-23	Second Ave	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City. Mains flowing well. Deemed Private.
02-Aug-23	Essa Ave	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City. (second call) Never received camera footage.
14-Aug-23	Middleton Ave	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
17-Aug-23	Gordon St	Sewer Backup	Flushed sanitary sewer main also vacced out manhole. Cleared Blockage.
18-Aug-23	Ross Ave E	Sewer Backup	Excavation. Contractor repaired sanitary service from property line to road.
21-Aug-23	Earl St E	Sewer Backup	Build up at end of service. Flushed and issue is gone.
24-Aug-23	Maple St S	Sewer Backup	Crew did identify a obstruction at 145'. Crew cleared blockage.
24-Aug-23	Way Ave	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
25-Aug-23	Belanger Ave	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
28-Aug-23	Pine St N	Sewer Backup	Private Issue. After reviewing camera footage it was determined issue was on homeowner side.
29-Aug-23	Eyre Blvd	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
29-Aug-23	Cedar St N	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
30-Aug-23	Maple St S	Sewer Backup	Excavation. Contractor repaired and installed new sections of sanitary service.
07-Sep-23	Balsam St N	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.

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07-Sep-23	Pine St N	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
07-Sep-23	Rekela St N	Complaint	Private Issue. Resident called to say that water sprays out of toilet when flushing. Explained that it is due to poor ventilation that causes suction and may disturb plumbing. Internal plumbing private issue.
08-Sep-23	Fourth Ave	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City
10-Sep-23	Birch St N	Sewer Backup	Flush. Build up at end of service. Flushed and cleared blockage.
11-Sep-23	Denise St	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
12-Sep-23	Balsam St N	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
13-Sep-23	Fern Ave	Sewer Backup	Curtesy Flush. Informed to call plumber and have camera inspection completed and sent to City.
13-Sep-23	Golden Ave	Sewer Backup	Excavation. City excavated. Sanitary service repaired.
15-Sep-23	Bob's Lake Dr	Complaint	Private Issue. Resident called to say that water sprays out of toilet when flushing. Explained that it is due to poor ventilation that causes suction and may disturb plumbing. Internal plumbing private issue
20-Sep-23	Carlin Ave	Sewer Backup	Curtesy Flush. Informed to call plumber and have camera inspection completed and sent to City.
25-Sep-23	Denise St	Sewer Backup	Excavation. City excavated. Sanitary service repaired.
26-Sep-23	Denise St	Sewer Backup	Excavation. City excavated. Sanitary service repaired.
26-Sep-23	Croatia Ave	Sewer Backup	Excavation. Informed to call plumber and have camera inspection completed and sent to City.
04-Oct-23	Pine St S	Sewer Backup	Courtesy flushed sewer main, issue is inside building. Private Issue.
08-Oct-23	Birch St N	Sewer Backup	Crew cleared blockage. Free and flowing.
10-Oct-23	Park Ave	Sewer Backup	City excavated. Sanitary service repaired.
12-Oct-23	Melrose Blvd	Sewer Backup	Private Issue. Plumber cleared service blockage
13-Oct-23	Algonquin Blvd E	Sewer Backup	Private issue. Contractor repaired private service.
13-Oct-23	Croatia Ave	Sewer Backup	Excavation. City excavated. Sanitary service repaired.
16-Oct-23	Elm St S	Sewer Backup	Excavation. Contractor completed repair.
16-Oct-23	Mohawk Rd	Sewer Backup	Curtesy Flush. Informed to call plumber and have camera inspection completed and sent to City.
20-Oct-23	KellyAnn Dr	Sewer Backup	Flush. Informed to call plumber and have camera inspection completed and sent to City. Blockage flushed and cleared.
30-Oct-23	Floral Ave	Sewer Backup	Curtesy Flush. Resident requested curtesy flush, it did not help. Informed to call plumber and have camera inspection completed and sent to City.
31-Oct-23	Railway St	Complaint	Curtesy Flush. Resident called in with a sewer odour complaint. City inspected, no issues. Gave a curtesy flush no change. Suspect roots and private issue. Informed to call a plumber.
06-Nov-23	Maple St S	Sewer Backup	Excavation. Contractor repaired sanitary main pipe collapse on City property.
16-Nov-23	Hemlock St	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection

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			completed and sent to City.
21-Nov-23	O'Neil Ave	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
23-Nov-23	Hemlock St	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
24-Nov-23	Third Ave	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City. Noted roots. No camera work submitted
27-Nov-23	Patricia Blvd	Sewer Backup	City excavated. Sanitary service repaired.
08-Dec-23	Main St	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City. Blockage in private manhole.
10-Dec-23	Mattagami Blvd	Sewer Backup	Flush. Flushed sanitary main. Noted a lot of grease build up. Main now flowing well.
11-Dec-23	Gold Rush St	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
14-Dec-23	Dale Ave	Sewer Backup	Curtesy Flush. City inspected sanitary mains, all clear. Curtesy flush and issue went away.
15-Dec-23	Main St	Sewer Backup	Curtesy Flush. Informed to call plumber and have camera inspection completed and sent to City. Curtesy flush did not help.
20-Dec-23	Father Costello Dr	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City.
23-Dec-23	Lynwood Dr	Sewer Backup	Flush sanitary main to clear blockage.
27-Dec-23	Gold Rush St	Sewer Backup	Private Issue. Informed to call plumber and have camera inspection completed and sent to City. No camera work submitted.
29-Dec-23	Pine St S	Sewer Backup	Flush. Resident called in with strong sewer smell. Main sanitary line was partially plugged. Flushed and flowing well now.

E: ALTERATIONS

There were zero (0) Notice(s) of Modifications submitted to the MECP in 2023 as Schedule C amendment.

F: OVERFLOWS & SPILLS

The occurrence of a spill, bypass or overflow event results in the generation of an event report (contact Porcupine Health Unit and Spills Action Centre) and entry into the operational log. There were nine (9) environmental incidents reported in 2023. See Table F for the 2023 overflow and spill summaries and Table G for the calculated loadings. Loadings were calculated based on the sample collected during the event.

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Table D – Spill & Overflow Summary

Date yyyy/mm/dd	Location	Type	Start Time (24 hrs)	Duration Hours (hh:mm)	Volume (ML)	Disinfect Y/N	Reason Code(s)	Sample Y/N	Adverse Impact Y/N	MOE SAC Notified				
										Y/N	Date yyyy/mm/dd	Name of SAC rep.	Time hh:mm	Incident No.
2023/04/10	Whitney-Tisdale Station 2	PS	16:22	0.8	0.312	Y	2	Y	N	Y	2023/04/10	Anastasia	18:03	1-3C64Y6
2023/04/11	Whitney-Tisdale Station 2	PS	15:14	1.5	0.590	Y	2	Y	N	Y	2023/04/11	Grace	15:24	1-3DJRF6
2023/04/13	Whitney-Tisdale Station 2	PS	17:27	0.4	0.170	Y	2	Y	N	Y	2023/04/13	Dylan	18:05	1-3EOHBG
2023/04/13	Whitney-Tisdale Station 4	PS	19:11	4.5	1.447	N	2	Y	N	Y	2023/04/13	Brenda	20:20	1-3EOSOY
2023/05/01	Whitney-Tisdale Station 2	PS	06:36	9.8	3.944	Y	1	Y	N	Y	2023/05/01	Sophia	09:50	1-3FREZD
2023/05/02	Whitney-Tisdale Station 4	PS	00:22	25.2	5.081	N	1	Y	N	Y	2023/05/02	Carly	01:50	1-3FT8FU
2023/09/23	Whitney-Tisdale Station 2	PS	03:00	0.5	0.184	Y	1	Y	N	Y	2023/09/23	Marc Harris	03:35	1-3VBKBU
2023/09/09	Whitney-Tisdale Station 2	PS	03:44	0.6	0.237	Y	1	Y	N	Y	2023/09/09	John Kowba	04:26	1-3WY350
2023/10/10	Whitney-Tisdale Station 6	S	07:30	0.2	0.098	N	3	Y	N	Y	2023/10/10	Liam	07:57	1-3WYV4P

Type	Disinfection	Reason Codes
PSO = Pump Station Overflow S - Spill	Y = Yes N = No	1 = Heavy Precipitation 2 = Snow Melt 3 = Equipment Failure 4 = Equip. Maintenance 5 = Sewer Problems 6 = Power Failure 7 = Exceed Design 8 = Other

Table E – Overflow Loadings

Date yyyy/mm/dd	Location	Volume (m3)	TSS (mg/L)	TSS Loading (kg)	BOD (mg/L)	BOD Loading (kg)	TP (mg/L)	TP Loading (kg)	TKN (mg/L)	TKN Loading (kg)	E. coli (CFU/100mL)
2023/04/10	Whitney-Tisdale Station 2	312	63	19.66	11	3.43	0.529	0.17	6.6	2.06	470000
2023/04/11	Whitney-Tisdale Station 2	590	43.5	25.67	10	5.90	0.412	0.24	7.7	4.54	142000
2023/04/13	Whitney-Tisdale Station 2	170	35.7	6.07	12.3	2.09	0.489	0.08	4.8	0.82	660000
2023/04/13	Whitney-Tisdale Station 4	1447	16.3	23.59	7.6	11.00	0.479	0.69	5.5	7.96	580000
2023/05/01	Whitney-Tisdale Station 2	3944	32	126.21	12.9	50.88	0.555	2.19	4.3	16.96	189000
2023/05/02	Whitney-Tisdale Station 4	5081	20	101.62	3.5	17.78	0.326	1.66	3.1	15.75	74000
2023/09/23	Whitney-Tisdale Station 2	184	48.5	8.92	4.1	0.75	0.464	0.09	1.6	0.29	350000
2023/09/09	Whitney-Tisdale Station 2	237	19	4.50	6.3	1.49	0.271	0.06	1.7	0.40	310000

Note: BOD5 is Biochemical Oxygen Demand for a 5-day period; TSS is Total Suspended Solids; TP is Total Phosphorus and TKN is Total Kjeldahl Nitrogen.

G: EFFORTS TO REDUCE OVERFLOW & SPILLS

The City of Timmins' Wastewater Collections and Engineering department have been working on a number of projects and initiatives to reduce issues in the sanitary sewer system thereby reducing inflow and infiltration which can lead to bypass/overflow incidents during wet weather events. These include, but are not limited to the following projects completed in 2023:

- Regular flushing and inspection program;
- Sewer cleaning and closed-circuit camera inspection (CCTV);
- Sanitary lining; and
- Infrastructure repairs.

Sanitary collection projects for 2024 to improve the system and reduce issues including inflow and inflations include:

- Sewer Cleaning and CCTV - \$265,225

As per the requirements in the CLI-ECA, a new Pollution Prevention Control Plan shall be submitted by January 6, 2028.