



OPTIONAL ANNUAL REPORT TEMPLATE

Drinking-Water System Number:	220003065
Drinking-Water System Name:	Timmins Water Filtration Plant
Drinking-Water System Owner:	Corp. of the City of Timmins
Drinking-Water System Category:	Large Municipal Residential
Period being reported:	January 1, 2025 to December 31, 2025

<u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u> Does your Drinking-Water System serve more than 10,000 people? Yes ☒ No ☐ Is your annual report available to the public at no charge on a web site on the Internet? Yes ☒ No ☐ Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection. 1. Timmins Water Filtration Plant, 110 Feldman Road, Timmins, Ontario, P4N 7J8 2. Environmental Services & Public Utilities, 171 Iroquois Road, Timmins, Ontario, P4N 0C9	<u>Complete for all other Categories.</u> Number of Designated Facilities served: 0 Did you provide a copy of your annual report to all Designated Facilities you serve? Yes ☐ No ☐ Number of Interested Authorities you report to: 0 Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes ☐ No ☐
---	---

Note: For the following tables below, additional rows or columns may be added or an appendix may be attached to the report

List all Drinking-Water Systems (if any), which receive all of their drinking water from your system:

Drinking Water System Name	Drinking Water System Number
n/a	n/a

Did you provide a copy of your annual report to all Drinking-Water System owners that are connected to you and to whom you provide all of its drinking water?

Yes ☐ No ☐ N/A ☒



Indicate how you notified system users that your annual report is available, and is free of charge.

- ☒ Public access/notice via the web
☐ Public access/notice via Government Office
☐ Public access/notice via a newspaper
☒ Public access/notice via Public Request
☐ Public access/notice via a Public Library
☐ Public access/notice via other method _____

Describe your Drinking-Water System

Surface raw water supplied from Mattagami River. The Timmins Water Filtration Plant (TWFP) employs chemically assisted filtration followed by pH adjustment with caustic soda. After primary disinfection with UV treatment and chlorine the water is stored in four (4) clearwell reservoirs and pumped to distribution system. The TWFP is a Class IV water treatment operation.

List all water treatment chemicals used over this reporting period

Liquefied chlorine gas, Sodium hypochlorite, caustic soda, cationic polymer, aluminum sulphate, anionic polymer, sodium bisulphite

Were any significant expenses incurred to?

- ☒ Install required equipment
☒ Repair required equipment
☒ Replace required equipment

Please provide a brief description and a breakdown of monetary expenses incurred

Water Meter Replacements	\$ 1,038,929.22
Lamella Replacement & Air Scour	\$ 383,535.75
SCADA upgrades	\$ 126,549.63
Tisdale Reservoir - Replacement	\$ 3,698,249.67
New Backwash Pump and Piping & HLP 6 & 7	\$ 148,037.90
Connecting Link	\$ 4,464,729.02
MacLean Generator	\$ 386,141.28

Provide details on the notices submitted in accordance with subsection 18(1) of the Safe Drinking-Water Act or section 16-4 of Schedule 16 of O.Reg.170/03 and reported to Spills Action Centre

Incident Date (dd/mm/yy)	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
12/08/2025	Duty to report other observations: loss of water pressure/ Supply AWQI No. 169399	n/a	n/a	Precautionary Boil Water Advisory was issued to all consumers in South Porcupine and Porcupine due to the loss of pressure and loss of water for the area. Water supply was restored, flushing and sampling took place, and all results came back clear. Boil Water Advisory was then lifted.	15/08/2025
05/12/2025	Haloacetic Acids (HAAs) AWQI No. 171161	81.2	µg/L RAA	Chlorine dose has been reduced during primary disinfection in Clearwells to reduce THM and HAA formation.	31/12/2025

Microbiological testing done under the Schedule 10, 11 or 12 of Regulation 170/03, during this reporting period.

	Number of Samples	Range of E.Coli Or Fecal Results (min #)-(max #)	Range of Total Coliform Results (min #)-(max #)	Number of HPC Samples	Range of HPC Results (min #)-(max #)
Raw	103	0-93	7-129	n/a	n/a
Treated	104	0-0	0-0	104	<10
Distribution	766	0-0	0-0	406	<10

Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.

	Number of Grab Samples	Range of Results (min #)-(max #)	Unit of Measure
Turbidity (System)	8760	0.08-1.25	ntu
Chlorine	8760	1.09-2.20	ppm
Fluoride (If the DWS provides fluoridation)	N/A	N/A	

NOTE: For continuous monitors use 8760 as the number of samples.

Summary of additional testing and sampling carried out in accordance with the requirement of an approval, order or other legal instrument.

Date of legal instrument issued	Parameter	Date Sampled	Result	Unit of Measure
n/a	n/a	n/a	n/a	n/a

Summary of Inorganic parameters tested during this reporting period or the most recent sample results

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	02/26/2025	<0.0005	mg/L	None
Arsenic	02/26/2025	<0.001	mg/L	None
Barium	02/26/2025	0.005	mg/L	None
Boron	02/26/2025	<0.002	mg/L	None
Cadmium	02/26/2025	<0.0001	mg/L	None
Chromium	02/26/2025	<0.001	mg/L	None
*Lead	02/26/2025			
Mercury	02/26/2025	<0.0001	mg/L	None
Selenium	02/26/2025	<0.0002	mg/L	None
Sodium	02/26/2025	14.9	mg/L	None
Uranium	02/26/2025	0.0005	mg/L	None
Fluoride	02/26/2025	<0.05	mg/L	None
Nitrate	02/26/2025	0.08	mg/L	None
	05/20/2025	<0.05		
	08/20/2025	<0.05		
	11/19/2025	<0.05		
Nitrite	02/26/2025	<0.05	mg/L	None
	08/20/2025	<0.05		
	11/19/2025	<0.05		

*only for drinking water systems testing under Schedule 15.2; this includes large municipal non-residential systems, small municipal non-residential systems, non-municipal seasonal residential systems, large non-municipal non-residential systems, and small non-municipal non-residential systems

Summary of lead testing under Schedule 15.1 during this reporting period

(applicable to the following drinking water systems; large municipal residential systems, small municipal residential systems, and non-municipal year-round residential systems)

Location Type	Number of Samples	Range of Lead Results (min#) – (max #)	Unit of Measure	Number of Exceedances
Plumbing	0	n/a		n/a
Distribution	10	0.1-3.5	µg/L	0

Summary of Organic parameters sampled during this reporting period or the most recent sample results

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
1,1-Dichloroethylene	02/26/2025	<0.0003	mg/l	None
1,2-Dichlorobenzene	02/26/2025	<0.0002	mg/l	None
1,2-Dichloroethane	02/26/2025	<0.0002	mg/l	None
1,4-Dichlorobenzene	02/26/2025	<0.0003	mg/l	None
2,3,4,6-Tetrachlorophenol	02/26/2025	<0.0002	mg/l	None
2,4,6-Trichlorophenol	02/26/2025	<0.0002	mg/l	None
2-4 Dichlorophenol	02/26/2025	<0.0002	mg/l	None
2,4-Dichlorophenoxy acetic acid (2,4-D)	02/26/2025	<0.000322	mg/l	None
Alachlor	02/26/2025	<0.000265	mg/l	None
Atrazine + N-dealkylated metabolites	02/26/2025	<0.0005	mg/l	None
Azinphos-methyl	02/26/2025	<0.000199	mg/l	None
Benzene	02/26/2025	<0.0001	mg/l	None
Benzo(a)pyrene	02/26/2025	<0.00001	mg/l	None
Bromoxynil	02/26/2025	<0.0000858	mg/l	None
Carbaryl	02/26/2025	<0.002	mg/l	None
Carbofuran	02/26/2025	<0.004	mg/l	None
Carbon Tetrachloride	02/26/2025	<0.0002	mg/l	None
Chlorobenzene	02/26/2025	<0.0005	mg/l	None
Chlorpyrifos	02/26/2025	<0.000199	mg/l	None
Diazinon	02/26/2025	<0.000199	mg/l	None
Dicamba	02/26/2025	<0.0000751	mg/l	None
Dichloromethane	02/26/2025	<0.0001	mg/l	None
Diclofop-methyl	02/26/2025	<0.000107	mg/l	None
Dimethoate	02/26/2025	<0.000199	mg/l	None
Diquat	02/26/2025	<0.0003	mg/l	None
Diuron	02/26/2025	<0.007	mg/l	None
Glyphosate	02/26/2025	<0.02	mg/l	None
Malathion	02/26/2025	<0.000199	mg/l	None
Metolachlor	02/26/2025	<0.000133	mg/l	None
Metribuzin	02/26/2025	<0.000133	mg/l	None
Paraquat	02/26/2025	<0.0002	mg/l	None
Pentachlorophenol /PCP	02/26/2025	<0.0002	mg/l	None
Phorate	02/26/2025	<0.000133	mg/l	None
Picloram	02/26/2025	<0.0000751	mg/l	None
Polychlorinated Biphenyls(PCB)	02/26/2025	<0.00004	mg/l	None
Prometryne	02/26/2025	<0.0000663	mg/l	None



Simazine	02/26/2025	<0.000199	mg/l	None
Terbufos	02/26/2025	<0.000133	mg/l	None
Tetrachloroethylene	02/26/2025	<0.0003	mg/l	None
Triallate	02/26/2025	<0.000133	mg/l	None
Trichloroethylene	02/26/2025	<0.0002	mg/l	None
Trifluralin	02/26/2025	<0.000133	mg/l	None
Vinyl Chloride	02/26/2025	<0.0001	mg/l	None

THM- SUMMARY TABLE

	1 st Quarter	2nd Quarter	3 rd Quarter	4 th Quarter
Quarterly Average	64.4	80.7	116.2	74.8
System THM – Entering Distribution	40.2	46.9	64.9	44.1
<i>Maximum Acceptable Concentration - THM</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>
4 Quarter Average THM RAA (100 MAC)	87.9	82.2	81.2	84.0
*All units as µg/L (ppb)				

HAA- SUMMARY TABLE

	1 st Quarter	2nd Quarter	3 rd Quarter	4 th Quarter
Quarterly Average	52.1	80.9	105.6	86.2
System HAA – Entering Distribution	45	55	63	55
<i>Maximum Acceptable Concentration – HAA</i>	<i>80</i>	<i>80</i>	<i>80</i>	<i>80</i>
4 Quarter Average HAA RAA (80 MAC)	72.1	72.1	76.9	81.2
*All units as µg/L (ppb)				

Composite Suspended Solids Discharged to River

Month	Value mg/l (25 mg/l MAC)	RAA (Running Annual Average)
January	9.33	7.58
February	8.67	7.55
March	5	7.22
April	13.70	7.61
May	6.3	7.55
June	5.3	7.41
July	16	8.24
August	4.7	8.14
September	5	8.22
October	2.3	8.08
November	5.5	7.59
December	5.3	7.26

List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards.

Parameter	Result Value	Unit of Measure	Date of Sample
n/a	n/a	n/a	n/a