

Dungannon Drinking Water System 2025 Operation and Maintenance Annual Report

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1.0 INTRODUCTION AND BACKGROUND

The purpose of the 2024 Annual Report is to document the operation and maintenance data for the Dungannon Drinking Water System for review by the Ministry of the Environment, Conservation and Parks (MECP) in accordance with O. Reg. 170/03. This report covers January 1, 2024 to December 31, 2024. A copy of this report will be submitted to the owner to be uploaded to the township's website and can be provided to interested parties upon request.

2.0 DESCRIPTION OF WATER SYSTEM

The Dungannon Drinking Water System (DWS #**260007842**), consists of one drilled well, Well # 2-02 was constructed in December 2002 in accordance with construction standards as identified in the Ontario Regulation 903/03 made under the Ontario Water Resources Act. Well # 2 is a 200 mm diameter, 87.2 m deep drilled groundwater well (Water well record number 3007430) located south of the Well House.

Well # 1 was removed from service to the drinking water system and abandoned on April 3, 2017.

Well # 2 water quality monitoring results confirm this well meets the Ontario Drinking Water Quality Standards. (O Reg 169/03). Only Well # 2 provides water supply to the system. .

The Dungannon Well Supply is designated as a Large Municipal Residential drinking-water system that obtains water from a raw water source that is groundwater. The treatment and distribution system was commissioned in 2003 and provides potable water to an estimated population of 250 residents in the village of Dungannon.

The treatment process consists of a disinfection system using 12% sodium hypochlorite. The iron sequestering system using diluted sodium silicate was replaced in 2023 with four (4) trains (three duty and one redundant) of cartridge filters each consisting of 50 micron filter, 1 micron filter and housing as spare for future in case needed. Each train is rated at 1 L/s for the removal of Arsenic.

The rated capacity of the treatment system is 657 m³/day as identified in the facility's Municipal drinking water license.

The water treatment equipment is designed to be capable of achieving, at all times, primary disinfection in accordance with the Ministry's Procedure for Disinfection of Drinking Water in Ontario, including at least 99 per cent removal or inactivation of viruses by the time the water enters the distribution system. Secondary disinfection is provided by residual chlorine from the primary disinfection process.

The distribution system added a reservoir storage with a capacity of 73.5 m³ (2023) and has no fire hydrants. There are 7 blow off valves in the distribution system to accommodate flushing.

The chlorine dosage range varies with the chlorine demand of the raw water. The free chlorine residual is monitored at the point of entry to the distribution system, by an on-line chlorine analyzer, with a target residual of > 1.00 mg/L and < 1.30 mg/L.

System pressure ranges from 44- 65psi.

3.0 SUMMARY OF WATER QUALITY MONITORING

3.1 Water Treatment Equipment Operation and Monitoring as per Schedule 7, O. Reg. 170/03

3.1.1 Point of Entry Chlorine Residual

Chlorine residuals are continuously measured using a HACH sc10 online chlorine analyzer and verified for accuracy using hand-held HACH pocket colorimeter. **Table 1** shows the monthly average of free chlorine residual values on the treated water at the point of entry. 364 treated samples were recorded

3.1.2 Distribution Chlorine Residual

Chlorine residuals in the distribution system are checked daily using a HACH pocket colorimeter, 364 distribution chlorine residuals were recorded.

Table 1. – Treated and Distribution Chlorine Residuals for Dungannon Drinking Water System

Date	Average Treated Chlorine Residual (mg/L)	Average Distribution Chlorine Residual (mg/L)
Jan	1.60	1.45
Feb	1.74	1.64
Mar	1.74	1.58
Apr	1.58	1.47
May	1.70	1.44
Jun	1.71	1.50
Jul	1.72	1.52
Aug	1.86	1.65
Sep	1.39	1.29
Oct	1.49	1.30
Nov	1.57	1.36
Dec	1.66	1.38
Average	1.65	1.47
Min	1.06	0.42
Max	2.08	1.95
# Samples	364	364

**rounds were not completed 1 day in February due to road closures*

3.1.3 Turbidity

Turbidity is measured using a pocket turbidimeter. **Table 2** provides a summary of raw and treated turbidity results.

Table 2. – Raw and Treated Water Turbidities for Dungannon Drinking Water System

Date	Average Raw Turbidity (NTU)	Average Treated Turbidity (NTU)
Jan	0.67	0.24
Feb	0.36	0.24
Mar	0.31	0.31
Apr	0.17	0.21
May	0.34	0.25
Jun	0.27	0.26
Jul	0.35	0.26
Aug	0.35	0.26
Sep	0.37	0.29
Oct	0.42	0.26
Nov	0.36	0.19
Dec	0.36	0.27
Average	0.36	0.25
Min	0.09	0.11
Max	0.94	0.45
# Samples	37	127

3.2 Microbiological Sampling as per Schedule 10, O. Reg. 170/03

3.2.1 Raw Water Samples

Raw water samples are taken every week. A total of 52 samples were collected and analyzed for E. Coli and Total Coliforms. Each E. Coli and Total Coliform results obtained were 0 cfu/100 ml in the raw water.

Table 3 provides a summary of bacteriological results performed on the raw water.

Table 3. – Microbiological Results for Raw Water at Dungannon Drinking Water System

Date	E. Coli			Total Coliform		
	# Samples	# Samples 0	# Samples ≥1	# Samples	# Samples 0	# Samples ≥1
Jan	4	4	0	4	4	0
Feb	4	4	0	4	4	0
Mar	4	4	0	4	4	0
Apr	5	5	0	5	5	0
May	4	4	0	4	4	0
Jun	4	4	0	4	4	0
Jul	5	5	0	5	5	0
Aug	4	4	0	4	4	0
Sep	4	4	0	4	4	0
Oct	5	5	0	5	5	0
Nov	4	4	0	4	4	0
Dec	5	5	0	5	5	0
Total	52	52	0	52	52	0

3.2.2 Treated Water (Point of Entry) Samples

One treated water sample from the point of entry is taken every week and analyzed for E.Coli, Total Coliforms and for Heterotrophic Plate Count (HPC). A total of 52 treated water samples were collected and analyzed for the above parameters. Each E. Coli and Total Coliform samples were found to be safe. The range of HPC results were 0 - 20 cfu/100 ml.

Table 4. provides a summary of all bacteriological results performed on treated water.

Table 4. – Microbiological Results for Point of Entry at Dungannon Drinking Water System

Date	E. Coli			Total Coliform			HPC		
	# Samples	# Samples 0	# Samples ≥1	# Samples	# Samples 0	# Samples ≥1	# Samples	Safe	Deteriorating
Jan	4	4	0	4	4	0	4	4	0
Feb	4	4	0	4	4	0	4	4	0
Mar	4	4	0	4	4	0	4	4	0
Apr	5	5	0	5	5	0	5	5	0
May	4	4	0	4	4	0	4	4	0
Jun	4	4	0	4	4	0	4	4	0
Jul	5	5	0	5	5	0	5	5	0
Aug	4	4	0	4	4	0	4	4	0
Sep	4	4	0	4	4	0	4	4	0
Oct	5	5	0	5	5	0	5	5	0
Nov	4	4	0	4	4	0	4	4	0
Dec	5	5	0	5	5	0	5	5	0
Total	52	52	0	52	52	0	52	52	0

3.2.3 Distribution Samples

Distribution samples are collected weekly and tested for E.Coli, Total Coliform and for Heterotrophic Plate Count (HPC). A total of 110 distribution samples were collected and analyzed for the above parameters (60 samples for HPCs). The range of HPC results were 0 -30 cfu/100 ml. Two samples taken for Total Coliform in the distribution had 2/1 cfu/100ml (adverse #169853 and # 168928)

Table 5 provides a summary of all bacteriological samples taken in the distribution system.

Table 5. – Microbiological Results for Dungannon Distribution System

Date	E. Coli			Total Coliform				HPC	
	# Samples	# Samples 0	# Samples ≥1	# Samples	# Samples 0	# Samples ≥1	# Samples	Safe	Deteriorating
Jan	8	8	0	8	8	0	4	4	0
Feb	8	8	0	8	8	0	4	4	0
Mar	8	8	0	8	8	0	4	4	0
Apr	10	10	0	10	10	0	5	5	0
May	8	8	0	8	8	0	4	4	0
Jun	8	8	0	8	8	0	4	4	0
Jul	10	10	0	10	9	1*	5	5	0
Aug	8	8	0	8	8	0	4	4	0
Sep	14	14	0	14	13	1*	10	10	0
Oct	10	10	0	10	10	0	5	5	0
Nov	8	8	0	8	8	0	4	4	0
Dec	10	10	0	10	10	0	7	7	0
Total	110	110	0	110	108	2	60	60	0

*AWQI #168928 and #169853

3.3 Chemical Sampling & Testing as per Schedule 13, O. Reg. 170/03

3.3.1 Inorganics

One treated water sample is taken every 36 months and tested for inorganics. The most recent samples for the Dungannon Drinking Water System were collected on December 08, 2025 and submitted to the laboratory for analysis of inorganics as listed in Schedule 23. All parameters were found to be within compliance. Inorganics will be sampled and analyzed again in December 2029.

Results from 2022 can be found in **Table 6a**.

Table 6a. – Schedule 23 Results for Dungannon Drinking Water System

Parameter	Result (µg/L)	Maximum Allowable Concentration (µg/L)
Antimony	<0.6	6
Arsenic	5.2	10
Barium	164	1000
Boron	57	5000
Cadmium	0.006	5
Chromium	0.14	50
Mercury	<0.01	1
Selenium	<0.04	10
Uranium	.92	20

3.3.2 Arsenic

Currently Dungannon is testing the Arsenic on the Raw, Treated and Reservoir discharge (TW) waters to assess the filters performance at various stages of changes.

Results for the Treated Water arsenic testing can be found in **Table 6b**.

Table 6b. – Arsenic Results for Dungannon Drinking Water System

Date	RW µg/L	TW µg/L	TW Reservoir Discharge µg/L	Quarterly Samples
Jan 21	11.5	2.7	3.2	
Feb 20	13.1	6.7	4.2	
March 25	13.4	8.5	6.0	2.0
April 22	12.5	3.3	3.7	
May 20	12.1	4.2	4.4	
June 24	12.8	6.8	4.1	3.8
July 22	13.5	1.9	3.5	
Aug. 19	5	10.6*	5.4	
Aug. 26	13.6	44.4*	6.6	
Sept. 2	13.6	6.7*	–	7
Oct. 14	12.7	5.7	--	
Nov. 12	11.9	5		
Dec. 8	16.1	5.7	–	5.7
Average	12.45	8.63	–	4.62

*AWQI #169569 resample #s 169712 and 169712

After investigation it was discovered that the adverse samples were not taken from the true TW location in the new well house

3.3.3 Lead

Schedule 15.1 of Ontario Regulation 170/03 requires that samples be taken during two seasons: once between December 15 and April 15 and once between June 15 and October 15. The Maximum Allowable Concentration for Lead is 0.01 mg/L. In the lead sampling seasons, pH, alkalinity and lead samples were taken on March 05 and June 24, 2025. The next lead samples are due in the winter and summer 2026 schedule.

Results for pH and alkalinity can be found in **Table 7**.

Table 7. – Lead Sampling Program Results for Dungannon Drinking Water System

	Lead (mg/L)	pH	Alkalinity (mg/L)
Dec-Apr	0.12	8.19	213
Jun-Oct	0.05	8.08	216

3.3.4 Organics

One treated water sample is taken every 36 months and tested for schedule 24 organic parameters. The most recent samples were collected on December 8, 2025. All parameters were found to be within compliance. Organics will be sampled and analyzed again in December 2029.

The 2022 sample results can be found in **Table 8**.

Table 8. – Schedule 24 Results for Dungannon Drinking Water System

Parameter	Result (µg/L)	Maximum Allowable Concentration (µg/L)
Benzene	<0.32	1
Carbon Tetrachloride	<0.17	2
1,2-Dichlorobenzene	<0.41	200
1,4-Dichlorobenzene	<0.36	5
1,1-Dichloroethylene	<0.33	14
1,2-Dichloroethane	<0.35	5
Dichloromethane	<0.35	50
Monochlorobenzene	<0.3	80
Tetrachloroethylene	<0.35	30
Trichloroethylene	<0.44	50
Vinyl Chloride	<0.17	1
Diquat	<1	70
Paraquat	<1	10
Glyphosate	<1	280
Polychlorinated Biphenyls (PCBs)	<0.04	3
Benzo(a)pyrene	<0.004	0.01
2,4-dichlorophenol	<0.15	900
2,4,6-trichlorophenol	<0.25	5
2,3,4,6-tetrachlorophenol	<0.20	100
Pentachlorophenol	<0.15	60
Alachlor	<0.02	5
Atrazine+N-dealkylated metabolites	<0.01	5
Atrazine	<0.01	-
De-ethylated atrazine	<0.01	-
Azinphos-methyl	<0.05	20
Carbaryl	<0.05	90
Carbofuran	<0.01	90
Chlorpyrifos	<0.02	90
Diazinon	<0.02	20

Table 8 Continued

Parameter	Result (µg/L)	Maximum Allowable Concentration (µg/L)
Dimethoate	<0.06	20
Diuron	<0.03	150
Malathion	<0.02	190
Metolachlor	<0.01	50
Metribuzin	<0.02	80
Phorate	<0.01	2
Prometryne	<0.03	1
Simazine	<0.01	10
Terbufos	<0.01	1
Triallate	<0.01	230
Trifluralin	<0.02	45
2,4-dichlorophenoxyacetic acid	<0.19	100
Bromoxynil	<0.33	5
Dicamba	<0.20	120
Diclofop-methyl	<0.40	9
MCPA	<0.00012	0.00012
Picloram	<1	190

3.3.5 Trihalomethanes and Haloacetic Acids

One distribution sample is taken every three months from a point in the distribution system and tested for Trihalomethanes (THMs) and Haloacetic Acids (HAAs). Samples were collected during the months of March, June, September and November. The Ontario Drinking Water Quality Standard (ODWQS) has set a Maximum Allowable Concentration (MAC) of 100 µg/L for THMs and it is expressed as a running annual average (RAA). The RAA for THMs was found to be 13.5 µg/L, which is within compliance. The HAA MAC is 80µg/L.

Refer to **Table 9** for the summary of trihalomethane and haloacetic acid results.

3.3.6 Nitrate & Nitrite

One treated water sample is taken every three months and tested for nitrate and nitrite. Samples were collected during the months of March, June, October and December. The Ontario Drinking Water Quality Standard (ODWQS) has set a Maximum Allowable Concentration (MAC) of 1 mg/L for nitrites and 10 mg/L for nitrates. The results were found to be within compliance.

Refer to **Table 9**.

Table 9. – Nitrate, Nitrite, THM and HAA Results at Dungannon Drinking Water System

Date	Nitrate		Nitrite		THMs		HAAs	
	# Samples	Result (mg/L)	# Samples	Result (mg/L)	# Samples	Result (µg/L)	# Samples	Result (µg/L)
March 5	1	<0.006	1	<0.003	1	13	1	<5.3
June 10	1	<0.006	1	<0.003	1	14	1	<5.3
Sept. 15	1	<0.006	1	<0.003	1	16	1	<5.3
Dec. 8	1	<0.006	1	<0.003	1	11	1	<5.3
Total	4		4		4		4	
Average		<0.006		<0.003		RAA 13.5		<5.3
Maximum		<0.006		<0.003				

3.3.7 Sodium

One treated water sample is collected every 60 months and tested for Sodium. O. Reg 170/03 has set a Maximum Acceptable concentration (MAC) of 20 mg/L for Sodium which requires the Medical Office of Health be notified if the concentration exceeds the MAC. These samples were last collected on June 15, 2021 and were found to be 15.6 mg/L, which is within compliance. The next water sample for Sodium will be collected and analyzed on or before **June 21, 2026**.

3.3.8 Fluoride

One treated water sample is collected at least once in every 60 months and tested for Fluoride. The Ontario Drinking Water Quality Standards (ODWQS) have set a MAC of 1.5 mg/L. In November and again in December, 2022 a sample was collected for this analysis. The both samples were found to be above the MAC with a concentration of 1.52 mg/L and 1.55 mg/L. This is due to high levels of naturally occurring fluoride in the aquifer. An information letter was supplied from the HPPH about the naturally occurring fluoride in the drinking water. The next water sample for Fluoride will be collected and analyzed in **November, 2027**. For more information see:

<http://www.acwtownship.ca/wordpress/wp-content/uploads/2013/09/DungannonWaterQualityInformation.pdf>

4.0 WATER AND CHEMICAL USAGE

4.1 Chemical Usage

A total of 76.92 kg of 12% Sodium Hypochlorite was used to ensure proper disinfection in the distribution system with an average dosage of 5.09 mg/L. Sodium Silicate was removed and filters are now being used to remove Arsenic and Iron/Manganese.

Refer to **Table 10**.

Table 10. – Chemical Usage at Dungannon Drinking Water System

Date	Sodium Hypochlorite	
	Usage (kg)	Average Dosage (mg/L)
Jan	5.33	5.06
Feb	6.37	6.28
Mar	6.05	6.08
Apr	6.96	4.21
May	6.70	4.50
Jun	6.89	3.93
Jul	8.26	4.30
Aug	7.74	4.45
Sep	5.59	3.84
Oct	5.46	4.26
Nov	5.85	4.41
Dec	5.72	5.10
Total	76.92	–
Average	–	5.09

4.2 Annual Flows

A summary of the water supplied to the distribution system is provided in **Table 11**. This Table provides a breakdown of the monthly flows provided to the distribution system.

Flow meters were calibrated July 2025 by Advanced Meter Services

Table 11. – Treated Water Flows for Dungannon Drinking Water System

Date	Average Daily Flow (m ³)	Maximum Daily Flow (m ³)	Total Monthly Flow (m ³)
Jan	42	87	1,273
Feb	42	69	1,128
Mar	45	72	1,364
Apr	59	90	1,708
May	54	95	1,628
Jun	59	104	1,760
Jul	63	112	1,962
Aug	57	109	1,769
Sep	48	103	1,433
Oct	44	97	1,353
Nov	47	72	1,406
Dec	42	73	1,308
Average	50.42	–	–
Max	–	112	–
Total	–	–	18,414

5.0 IMPROVEMENTS TO SYSTEM AND ROUTINE AND PREVENTATIVE MAINTENANCE

The following summarizes water system improvements and routine and preventative maintenance for the Dungannon Drinking Water System:

- Filter drain valves were installed
- Flowmeters were calibrated
- Sommers Generators conducted the Annual generator checks
- CI17 analyzer was calibrated by Cleartech
- Backflow preventer was certified by Fergusons
- Fencing around the generator was installed
- System was flushed in July
- Auto dialer is not working correctly - Internet issue
- BC fire extinguisher onsite now
- Operational Plan, Manual and Contingency Plans were updated
- Monthly maintenance was completed

The following summarizes water system issues for the Dungannon Drinking Water System:

- Temperature sensor not working

6.0 MINISTRY OF THE ENVIRONMENT INSPECTIONS AND REGULATORY ISSUES

This section provides a summary of all non-compliance with regulatory requirements identified during the inspection period, as well as actions required to address these issues.

The Dungannon Drinking Water System was inspected by The Ministry of Environment, Conservation and Parks. The inspection was completed by Ron Burrell on August 12, 2025 and was given a 95.74% rating.

There was 1 instance of noncompliance and several observations/recommendations were noted.

There was 4 instances of adverse water quality in 2025:

- AWQI #168928, Sample at Maple St. sample station had 3 Total Coliforms, resamples were safe
- AWQI #169853, Sample at Maple St. sample station had 1 Total Coliforms, resamples were safe
- AWQI #169569, Resample #169712 high arsenic results in the treated water, 10.6 ug/L, 44.4 ug/L and 8.7 ug/L. It was determined that the samples taken were from a treated point in the system but not after the CT was met, the new location will give a more accurate result.

There were 0 notices of Precautionary Boil Water in 2025.

There was 1 customer complaint:

- Discoloured water (flushed the system, issue resolved)

7.0 MECP Regulatory Changes

Proposed amendments to drinking water operator and water quality analyst certification regulations have been issued to address the impacts of emergencies. These include:

- allowing the Ministry to act quickly to ensure the Province's drinking water is protected during an emergency
- extending Operator certificates and allowing certain qualified but non-certified staff to temporarily maintain system operations, and would only be enacted during an emergency
- allowing temporary relief from training and certification requirements

This proposal has been registered with the Environmental Registry of Ontario and the consultation process was closed on July 2, 2021. The outcome of this proposal is expected to be published in 2022.

Proposed updates to the Director's Directions - Minimum Requirements for Operational Plans - May 2021. The Director's Directions have updated the following:

- Content Requirements - all referenced documents will be considered part of the Operational Plan.
- Procedures for version control - version number and revision date is to be embedded in every electronic copy, and recorded on every page of any physical copy
- Completed copy of Subject System Description Form in Schedule "C" of the Director's Directions
- Operational Plans are to be submitted to the Director electronically
- Retention of Operational Plans - Operational Plans that were the subject of an audit by an auditor for the accreditation body shall be retained for a minimum of 10 years
- Public Disclosure of Operational Plans - shall be made available for viewing by the public either electronically (website) or at the principal place of business, but not in a manner that would threaten the safety, health or quality of the drinking water, or create significant prejudice with the contractual obligations of the Operating Authority or other organization.
- Operational Plans shall be updated to meet the requirements of the Director's Directions no later than April 1, 2022.



Report Date: February 13, 2026

Dungannon Drinking Water System – 2025 Compliance Summary

This document is a compliance summary for the Dungannon water supply for the year 2025 as per Reg. 170/03 Schedule 22. A full summary of the water system's test results, flows and significant activities are attached.

System Description

The Dungannon water system is characterized as a “secure ground water” system and is classified as a large municipally owned water system. The well house and its equipment have a daily maximum capacity to deliver **657 cubic meters** of potable water per day to the Dungannon community.

The water source is a secure deep bedrock well. The production Well # 2 is located approximately 30 meters due south of the well house.

Well #2 was drilled in 2003. The well pump was replaced in 2024 and associated piping in the Well #2 was installed in August of 2005.

The well house is equipped with a well pump, backup diesel generator set, chlorinators, a chlorine contact main, online monitoring and alarm generator to an Autodialer. The system is controlled and monitored by an on-site PLC. In January 2024 a new water treatment works (cartridge filter trains) in the existing building and a new reservoir and high-lift pump building was commissioned. The system now runs off the new reservoir and VFD pumps and not off Well #2,

The distribution system was constructed in 2005 and is constructed of PVC with polyethylene services. There is no elevated storage to maintain pressure therefore the system pressure is maintained using pressure tanks and the high-lift pump. The system has no hydrants and lacks the capacity to provide fire flows.

Chemicals Fed

Disinfectant

Disinfection was achieved on the Dungannon well supply through the use of 6% sodium hypochlorite.

In the well house, this chemical was added prior to the water entering the chlorine contact main at dosages high enough to achieve both primary and secondary disinfection objectives.

The chlorine average dosages ranged from 2.70 mg/L to 9.12 mg/L. The chlorine demand of the water is high on the Dungannon water due to naturally occurring raw water characteristics. This creates a noticeable chlorine odour on the treated water. The free chlorine residual was monitored at the point of entry to the distribution system with an average target residual of 1.20 mg/L which is typical of the treated water in other municipal water systems. The average for Dungannon was 1.65 mg/L.



Iron Sequestering

The well water at Dungannon has iron levels higher than what is considered aesthetically acceptable. The iron sequestering system using diluted sodium silicate was replaced in 2023 with four (4) trains (three duty and one redundant) of cartridge filters each consisting of 50 micron filter, 1 micron filter and housing as spare for future in case needed. Each train is rated at 1 L/s for the removal of Arsenic.

Flows

The Drinking Water Works Permit (DWWP) #080-203 issue #6 for the Dungannon Drinking Water System was issued on February 7, 2024. Limits of the Permit to Take Water (PTTW) were not exceeded on Well #2 in 2025. The PTTW was issued for this system on January 23, 2024 and expires on January 25, 2034 (The new PTTW was not issued until Jan 2024, due to a backlog at the Ministry).

The maximum total flow taking per day is **438 cubic meters** A full summary of the flows are included in the 2025 Annual Report.

The limiting factor regarding raw water flow is chlorine contact time (CT) in the chlorine contact main. In order to meet the regulatory CT requirements, increased flows beyond 11.36 liters per second must have an increased free chlorine residual to counter the decreased retention time in the chlorine contact main.

The combination of maximum flows through the chlorine contact main and minimum free chlorine residuals exiting the contact main did not exceed limitations in 2025 as recorded by the flow meters and the on-line chlorine analyzer.

The maximum daily flow from the Dungannon well house in 2025 was 112 cubic meters or 25.57% of capacity. The average daily flow was 50 cubic meters or 11.42% of the capacity from the PTTW for Well #2.

Precautionary Boil Water Notices

There was (0) precautionary boil water notice issued on the Dungannon system in 2025.

Boil Water Advisory

There was (0) Boil Water Advisory issued by the Huron Perth Public Health (HPPH) on the Dungannon water system in 2025.

Annual Ontario Ministry of Environment, Conservation and Parks Inspection

The Dungannon Drinking Water System was inspected by The Ministry of Environment, Conservation and Parks. The inspection was completed by Ron Burrell on August 21, 2025 and was given a 95.74% rating.

There was (1) non compliances noted and several observations/recommendations were noted.



Adverse Water Quality Incidents

There were (4) instances of adverse water quality in Dungannon in 2025 which can be found on page 17 of the Annual Report (AWQI # 168928,16853 and 169569)

Exceedances

None

Infrastructure Assessment

Regular contact is maintained with ACW's representative. The JobsPlus program is continually updated with preventative and corrective maintenance issues. A complete summary can be forwarded to the client upon their request. Through regular communication between the operating authority and the client, capital items are discussed. A list of capital items and concerns was forwarded to ACW's representative in 2025.

The upgrade on the system for the treatment of arsenic was implemented in January 2024.

The Annual Management Review was conducted by the operating authority on November 5, 2025 as per the DWQMS requirement in Element 14. Regular discussions between the client and the operating authority for this water system are continued throughout the year by emails, phone calls, and meetings as per the requirements of Element 15 of the DWQMS.

The Internal Audit was last completed on October 7, 2025, and the last Risk Assessment was completed in 2024. An external surveillance Audit was conducted by SAI Global and Certificate # 0225715 was issued on September 23, 2025. The Emergency Response Exercise was not conducted by Veolia in 2025.

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