

Village of Westport

2021 Annual Drinking Water Summary Report

Requirement

This report is prepared for the Village of Westport Council in compliance with the Safe Drinking Water Act Schedule 22.

System Description

The Westport Drinking Water System source water is two wells (one located in and one located near) near the pump house and treatment facilities at 37 Concession Street.

Distribution is by means of PVC mains and storage and pressure control is provided by a water tower.

Treatment consist of Ultra Violet light and Chlorination for primary disinfection and a free chlorine for maintenance of secondary disinfection.

The village is the owner and operating authority for the system. The Overall Responsible Operator (ORO) duties were provided by the Supervisor of Public Works, a village employee.

The facility is classed as a Supply and Distribution Class II.

Acts, Regulations, and Provincial Instruments

The following Acts, regulations and Provincial Instruments apply to the Westport Drinking Water System.

- Safe Drinking Water Act and Regulations
- Ontario Water Resources Act
 - O. Reg. 387/04 - Water Taking and Transfer
 - R.R.O. 1990 Reg. 903 - Wells
- Drinking Water Works Permit 268-201 Issue 2
- Drinking Water Works License 268-101 Issue 2

Results of the 2021 Inspection

The last inspection report was for the period ending on August 26th, 2021.

The inspection did not require that the village complete any Actions Required. It should be noted that Actions Required are linked to incidents of non-compliance with regulatory requirements.

The following item(s) have been identified as non-compliance/non-conformance, based on a "No" response captured for a legislative or best management practice (BMP) question (s), respectively. **Question ID** MRDW1011000

- The owner did not have a harmful algal bloom monitoring plan in place.

The Inspection did not include items as recommended or best practice issues.

- N/A

System Capacity

Table 1 below indicates the system use as compared to capacity. As can be seen there is ample capacity in terms of flow rates.

Table 1

Rated Capacity/ Month	2020 Average Day Flow	Peak Flow
Units	m ³ /d	L/s
UV Disinfection		10.4
Pumps		10.4
Permit to Take Water		
January	156	7.03
February	159	6.89
March	158	7.11
April	160	7.39
May	187	6.79
June	213	9.21
July	210	8.07
August	311	9.49
September	227	6.71
October	228	6.71
November	213	7.34
December	301	8.30
Average Daily Flow	210	

L/s – litres per second

m³/d –cubic meters per day

Future Work

Major work planned for 2022 includes:

- Increase in Water Distribution Plant Contact Time (carried over from 2021)
- Maintenance of distribution system valves
- Replacement of water meters

2021 Annual Report

The 2021 Annual Report is due by March 31st, 2022, following the summary Report.