

2021 SUMMARY REPORT FOR MUNICIPALITIES

Millbrook Municipal Well House

PERIOD: JANUARY 1, 2021 – DECEMBER 31, 2021



Municipal Drinking Water Licence: 136-101, Issue No. 7

Municipal Waterworks No: 220000781

January 10, 2022

Capability of Water System

The annual summary of water delivered in 2021 is as follows:

Month	Average Day (m³/day)	Maximum Day (m³/day)	Peak Flows (L/min)
January	553.46	799.62	1,263.00
February	580.91	896.01	1,259.40
March	498.35	776.3	1,260.00
April	528.79	844.59	1,273.80
May	707.25	1,141.12	1,273.20
June	782.59	1,232.88	1,365.60
July	713.90	1,061.51	1,538.40*
August	877.23	1,161.89	1,264.20
September	771.93	1,132.44	1,738.80*
October	702.23	925.28	1,315.80
November	661.62	1,020.06	1,266.00
December	662.93	1,020.56	1,460.40
Rated Capacity	----	3,000 m ³ /day	----
Maximum Taken per day (Permit to Take Water	----	3,000 m ³ /day	1,500 L/ minute

*Maintenance activities

The Municipal Drinking Water Licence and the Permit to Take Water permits a maximum water taking rate at the well house of 3,000 m³ day; and a peak flow rate of 1,500 L/minute. PUG Services Corp. aims to adhere to the operational and compliance limits set out in the Permit and Licence however, certain operational circumstances may cause results to be temporarily outside of the limits. In the months of July and September, operational staff performed valve maintenance and winterizations activities, that resulted in a slight increase of peak flow over the allowable limit. This is acceptable as per paragraph 3.4 of the Permit to Take Water 7704-AW7HJF.

Submission of this Report

Schedule 22, section 22-2(1) of O. Reg. 170/03 under the Safe Drinking Water Act requires this report be submitted to the Township of Cavan Monaghan as it is the Millbrook drinking water system owner.

Period Covered by this Report

Schedule 22, section 22-2(5) of O. Reg. 170/03 under the Safe Drinking Water Act requires this report cover the period of January 1, 2021 to December 31, 2021.

Failure to Meet Requirements of the Safe Drinking Water Act and Regulations

There are no known failures to meet the requirements of the Safe Drinking Water Act, 2002 or any current regulation made under this Act.

Failure to Meet Requirements of the Municipal Drinking Water Licence

There are currently no known failures to meet the requirements of the terms and conditions of Municipal Drinking Water Licence, number 145-101, Issue No.7.

Failure to Meet Requirements of Provincial Officer Orders

There were no Provincial Officer's Orders issued during the period covered by this report. There are currently no known failures to meet the requirements of the terms and conditions of any Provincial Officer's Orders.

This report has been prepared by Patrick J. Devlin, HBSc., PUG Services Corp., representative of the contracted operating authority.



Patrick J. Devlin, HBSc.
Vice-President, Water Utility Services
PUG Services Corp.