

# 2020 SUMMARY REPORT FOR MUNICIPALITIES

## Millbrook Municipal Well House

PERIOD: JANUARY 1, 2020 – DECEMBER 31, 2020



**Municipal Drinking Water Licence: 136-101, Issue No. 5**

**Municipal Waterworks No: 220000781**

January 27, 2021

## **Capability of Water System**

The annual summary of water delivered in 2020 is as follows:

| <b>Month</b>                                      | <b>Average Day<br/>(m<sup>3</sup>/day)</b> | <b>Maximum Day<br/>(m<sup>3</sup>/day)</b> | <b>Peak Flows<br/>(L/min)</b> |
|---|--|--|-------------------------------|
| January   | 524.91                                     | 702.37                                     | 1,266.0                       |
| February  | 480.73                                     | 583.01                                     | 1,269.0                       |
| March   | 442.31                                     | 578.09                                     | 1,253.4                       |
| April   | 478.38                                     | 693.60                                     | 1,273.8                       |
| May   | 539.91                                     | 873.51                                     | 1,273.2                       |
| June  | 672.67                                     | 890.10                                     | 1,365.6                       |
| July  | 618.97                                     | 1,018.47                                   | 1,266.0                       |
| August  | 590.62                                     | 881.42                                     | 1,560.0*                      |
| September   | 522.85                                     | 768.81                                     | 1,285.8                       |
| October   | 540.06                                     | 706.74                                     | 1,266.0                       |
| November  | 543.38                                     | 796.42                                     | 1,309.8                       |
| December  | 541.47                                     | 748.80                                     | 1,468.2                       |
| Rated Capacity                                    | ----                                       | 3,000 m <sup>3</sup> /day                  | ----                          |
| Maximum Taken<br>per day (Permit to<br>Take Water | ----                                       | 3,000 m <sup>3</sup> /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 m<sup>3</sup> 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. This is as a result of pump start ups, power outages, generator tests, fire hydrant flushing, calibration and alarm verification and are a normal part of operations. 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, 2020 to December 31, 2020.

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**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.5.

**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.

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