

# Municipality of Lakeshore - Report to Council

## Engineering & Infrastructure Services

### Environmental Services



**To:** Mayor & Members of Council

**From:** Albert Dionne, C.E.T.  
Manager, Environmental Services

**Date:** November 16, 2020

**Subject:** Bulk Water Fill Station.docx

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### Recommendations

This report is for information only.

### Background

The Municipality currently operates 3 bulk water fill stations at the below locations as per the attached Water Fill Station Locations Map:

1. 6400 Main Street located on the Municipality's Comber Fire Station, Location #1
2. 1538 Lakeshore Road 203 located on the Municipality's Maidstone Fill Station, Location #2
3. 276 Rourke Line Road located on the Municipality's Denis St. Pierre Wastewater Treatment Plant Site, Location #3

These stations have been in operation since before amalgamation. The station on Rourke Line (Location #3) was recently replaced and is scheduled to be in service by the end of 2020.

The older two stations (Locations #1 and 2) continue to use a coin operated water dispensing system which accepts one dollar (loonie) and two dollar (toonie) coins. The coin operated system was installed at the Comber Station in 2010. The Maidstone Fill system dates from before amalgamation.

The use of this system has a number of operational consequences:

- Because both systems were installed before 2010, the mechanisms will not accept the new lighter loonie coins which have been in issue since 2012. This issue has been the source of customer complaints and visits by staff to rectify failures to dispense water.

- The stations must be visited regularly to collect the coins from the mechanism based on volume of holding capacity of the collected coins.
- There have been incidences of vandalism in an attempt to steal the coins.

These sites have not seen any major upgrades in the last 10 to 15 years however, they do require periodic repairs in order to maintain operation. Minor repairs are carried out by Municipality staff while more complex repairs are carried out by an outside contractor.

The upgraded fill station on Rourke Line will be operated using a four (4) digit pin number assigned by the Municipality using a prepaid account. This system works as a pay as you go account. As the user takes water the account will deplete and will have to be replenished by the user through services provided at Municipality Hall.

Based on resolution 208 06 2020, it was identified that the Bulk Water Fill Station in Comber located on the Municipality's Comber Fire Department site (Location #1) obstructs fire fighters service delivery while a water tanker is filling.

An investigation was completed by Environmental Services, along with the Fire Chief, to determine if relocating the water station to the side of the building would resolve this issue. Based on a site review of the area, it was determined that there is insufficient room at this location to accommodate the water station and maintain clear access for the fire trucks. Based on this, an alternative location would be required to accommodate the water fill station to resolve the issue.

The following municipally-owned sites were investigated within the surrounding area:

- The first site considered is located on Taylor Street at the Municipality's Comber Water Pumping Station. This station does not have adequate access and would require modifications and fence removal, which would be costly. In addition, the disruption around the station would have been problematic trying to navigate equipment in and out using the water fill station and possibly causing damage to the Pumping Station, so this location was eliminated as an option.
- The second site that was considered is located on County Road 31 at the Municipality's Rochester Public Works Yard. This site is equipped with an existing two (2) inch water service with a shut off valve. Furthermore, it has adequate access and would not disrupt the public works department operations and access.

## **Comments**

Based on the site investigations, the bulk water fill station at the Municipality's Comber Station Site would need to be relocated (and upgraded) to the Municipality's Rochester Public Works Yard located on County Road 31 as shown on the attached map to resolve the issue brought forward by Council through resolution 208-06-2020.

This location is approximately seven (7) minutes and/or 10.5 km's from the existing Comber Station Site however, most of the residents using the water fill station are coming from the rural areas so may be closer to this location.

If relocated, the system would be upgraded to the same water fill station that was recently installed on Rourke Line. Schedule A shows the new standalone Water Fill Station, which is manufactured by Flowpoint Environmental Systems LP. As earlier noted, this station is operated with a four (4) digit pin number using a pre-paid account.

### **Schedule A**



### **Financial Impacts**

Currently there is no financial impact to continue to operate the existing station. If the station were to be relocated and upgraded similar to the unit that was installed on Rourke Line, the approximate cost would be \$50,000 plus applicable HST. This cost includes the station, concrete slab and the electrical and water hook up to put into operation.

As this project is currently not included in the 2021 budget, should Council wish to proceed with this project, approval would be needed to fund this project from the water reserve fund.

### **Report Approval Details**

Document Title:	Bulk Water Fill Station.docx
Attachments:	- Bulk Water Station Location Map.pdf
Final Approval Date:	Jan 4, 2021

This report and all of its attachments were approved and signed as outlined below:

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