



# Staff Report

## Infrastructure & Public Works

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**Report To:** Committee of the Whole  
**Meeting Date:** January 9, 2016  
**Report Number:** CSPW.17.004  
**Subject:** Craigleith Hauled Waste Receiving Station Deferral  
**Prepared by:** John Caswell, Manager of Water and Wastewater Services

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### A. Recommendations

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THAT Council receive Staff Report CSPW.17.004 entitled, "Craigleith Hauled Waste Receiving Station Deferral";

AND THAT Council direct Staff to defer further preliminary design efforts related to the Hauled Waste Receiving Station until the Craigleith Area Environmental Assessment is completed and a longer term assessment can be done on the impact of the reduction in revenue;

AND THAT Council direct Staff to continue to limit access to the Hauled Waste Receiving Station to pre-approved haulers to mitigate the introduction of potential damaging debris.

### B. Overview

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To provide an update on the Hauled Waste Receiving Station and recommend deferring further work on the project.

### C. Background

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The Town's current Hauled Waste Receiving Station is located at the intersection of Lakeshore Road East and Highway 26 and has received hauled waste for a number of years. As the Town of The Blue Mountains (Town) received more hauled waste that included debris and stones of various sizes, maintenance issues became more consuming. This led to Council approving a review of the options to reduce operation and maintenance costs.

The Station does not have a means to remove rocks, large debris and rags from hauled waste and leachate. In 2015 the Town purchased a replacement grinder unit at a cost of \$62,500. A spare grinder unit was purchased in 2016 for \$39,440 to ensure continued operation of the Station if the installed unit requires maintenance or repair. The difference in cost is due to trade in value from the previous unit.

To mitigate equipment damage from stones and debris while upgrade options were being reviewed, the Town has worked with local haulers to inform them of the impact of stones on

the Station's equipment and has gone as far as limiting Station access to select haulers. Since these initiatives, Staff have noted a significant decrease in equipment repairs and downtime.

CC Tatham & Associates Ltd. (CCTA) was retained in 2014 at an upset cost estimate of \$12,200 to provide options for improvements at the existing Station. Their recommendations which centered on retrofitting the existing Station amounted to an estimated cost of \$240,000. This cost was higher than expected and as such Staff felt for a number of reasons that further analysis was needed for a full evaluation of long term operations at the current site.

The Town, in partnership with Grey County and the Ministry of Transportation (MTO) is currently undertaking an Environmental Assessment (EA) to consider future options for the road network in the Craigleith Area. One of the options being considered is closing the intersection of Lakeshore Road East and Highway 26. A significant number of trucks utilize this intersection prior to staging on Lakeshore Road East and discharging into the receiving Station. The existing Station's proximity to the Highway 26 corridor may pose future difficulties. If Lakeshore Road East is closed at Highway 26 haulers may be required to use local residential streets to access the Station.

In addition, the residential area surround the Station continues to urbanize and may become less compatible with hauled septic waste reception. Truck traffic and odours are the key concerns,

For the reasons noted above, the Town retained CCTA in 2016 to perform a preliminary engineering design of a Hauled Waste Receiving Station at the Craigleith Wastewater Treatment Plant (Craigleith WWTP). It was felt this location is more conducive to ongoing hauled waste reception. CCTA evaluated the Craigleith WWTP site for its viability and prepared a preliminary cost estimate which totaled to over \$400,000 which is high given the expected revenue.

Although the provision of a Hauled Waste Receiving Station is a community benefit, the Station is expected to be more or less self-funding. The Town of Collingwood recently installed a Hauled Waste Receiving Station within its municipality and is now receiving the County of Simcoe's leachate which in the past has been a significant portion of the waste and revenue received at the Town's Station. On a positive note, there has been a reduction in maintenance costs due to fewer stones being discharged to the station.

## **D. Analysis**

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Given the higher than expected retrofit / construction costs, the reduced revenue and the lower maintenance costs, Staff recommend to defer further efforts to develop engineering designs until such a time that the Craigleith Area EA is completed and the implications of the reduction in leachate is better assessed. This will enable Council to make a more informed and cost effective decision on the future of the Hauled Waste Receiving Station.

Notwithstanding the recommendation to defer the project, the swipe card equipment and an actuator valve need to be replaced or upgraded to ensure the functionality of the Station. This

existing equipment is inoperable which makes unloading at the Station difficult. The expected costs will total approximately \$29,000. Procurement processes will be initiated.

## E. The Blue Mountains Strategic Plan

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Goal #5: Ensure Our Infrastructure is Sustainable

## F. Environmental Impacts

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None. The Station will continue to function as it has in the past.

## G. Financial Impact

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The 2016 Approved Capital Budget for the Hauled Waste Receiving Station is \$220,000 including Contract Services and Engineering. Of this amount, \$4,412 has been spent in 2016 on engineering associated with preliminary design efforts. The cost of the 2016 replacement channel grinder (\$39,440) was also sourced from the Hauled Waste Receiving Station budget. The Card Swipe Reader and actuator valve upgrades are approximately \$29,000 and will be funded from the rolled over approved Hauled Waste Receiving Station budget. The remainder of the \$220,000 budget will be cancelled until Staff have a better understanding of the needs for this facility. The costs incurred between 2011 and 2016 are detailed below in Table 1 below.

**Table 1 – Hauled Waste Receiving Station Costs, 2011-2016**

Expense	Cost (Excluding HST)
Emergency Grinder Repair, Envirocan, August 2011	\$ 21,900
Grinder Repair, SPL Industrial, December 2012	\$ 15,500
Engineering Assessment, CCTA, 2014	\$ 12,200
Channel Grinder, Envirocan, 2015	\$ 62,500
Standby Channel Grinder, Envirocan, 2016	\$ 39,440
Preliminary Design, CCTA, 2016	\$ 4,412
<b>Subtotal to Date</b>	<b>\$155,952</b>
Card Swipe & Actuator Valve Upgrades*	\$ 29,000
<b>Total</b>	<b>\$184,952</b>

\*Approximate cost based on estimate received. Procurement pending.

## H. In consultation with

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Sam Dinsmore, Deputy Treasurer/Manager of Accounting and Budgets

Maurice Dempster, Wastewater Supervisor

**I. Attached**

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None.

Respectfully submitted,

**John Caswell**

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