



TOWNSHIP OF NORTH HURON

REPORT

Item No.

REPORT TO: Reeve Vincent and Members of Council
PREPARED BY: Sean McGhee
DATE: 03/04/2018
SUBJECT: Landfill Compactor repairs
ATTACHMENTS: none

RECOMMENDATION:

THAT the Council of the Township of North Huron hereby receive the report of the Director of Public Works, dated April 3rd, 2018 regarding costs incurred for the repair of the Township of North Huron Landfill compactor for information.

EXECUTIVE SUMMARY

The Township of North Huron owns and operates a Bomag BC571RC Landfill Compactor for use at the Wingham landfill site. This steel wheeled unit is designed to compact and compress the waste material that is deposited at the site prior to daily application of cover material. The compaction and cover process is key to the operation of the site and maximizes the use of the working area of the landfill.

The compactor developed a coolant leak in the head gasket area which was identified by the operator. In order to minimize potential damage resulting from this issue, the unit was taken off line until a service provider could be sourced to work on the machine. As this is a specialized piece of equipment, some difficulty was encountered in finding a service provider willing to work on it.

The compactor was floated to a shop in Harriston and repaired during the month of March. While in the shop, the need for repairs was identified in a number of areas. The necessary work was completed and the compactor was returned to service. The unit is now operating at full capacity.

DISCUSSION

Once the compactor was delivered to the service center, it was cleaned extensively and all operating systems were carefully inspected. In the process of determining the source of the coolant leak, other age and wear related issues were identified and corrected. This included replacement of leaking head gaskets, a complete valve job including replacement of intake valves, rebuild of fuel injectors, and hydraulic system repairs.

Staff did not know the extent of the repair entering into this process. Efforts were made to comply with the procurement process, however, as noted earlier in this report, the specialized nature of the equipment limited options for securing quotations. Staff maintained close communication with the service provider during the process and are confident that all repairs completed were warranted. The quality of the service received was very high.

Although the work was extensive and costly, the overall condition of this unit is good. Replacement of the unit would be financially burdensome and is not warranted at this time. The most cost-effective approach to this issue was taken.

FINANCIAL IMPACT

Total cost for this repair work was \$26,335.⁰⁶ plus applicable tax. The draft 2018 budget contains \$84,400 for equipment repairs.

FUTURE CONSIDERATIONS

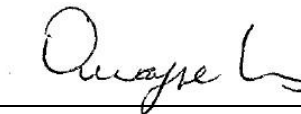
A new comparably sized landfill compactor costs in excess of \$500,000. Replacement of this equipment will need to be considered by a future Council as part of the budget process.

RELATIONSHIP TO STRATEGIC PLAN

This project relates to **Goal No. 4** of the Strategic Plan in that the administration is fiscally responsible and strives for operational excellence,



Sean McGhee, Director of Public Works



Dwayne Evans, CAO