



# BOARD REPORT

**TO:****Chair and Directors****File No:** 5360 04**SUBJECT:**

Landfill Steel Plate Daily Cover System – Contract Award

**DESCRIPTION:**

Report from Ben Van Nostrand, Team Leader, Environmental Health Services, dated April 11, 2017. Requesting authorization for sole source purchase of Revelstoke Iron Grizzly Alternate Daily Landfill Covers.

**RECOMMENDATION:**

THAT:

the Board empower the authorized signatories to enter into a purchase agreement with Revelstoke Iron Grizzly for Alternate Daily Landfill Covers for landfill sites in Revelstoke, Golden and Sicamous for a total cost of \$70,000 plus applicable taxes.

**APPROVED for Board Consideration:***Meeting Date: April 20, 2017**Charles Hamilton, CAO***SHORT SUMMARY:**

In 2008, the CSR D partnered with Sperling Hansen Associates Engineering and Score Construction in Revelstoke BC to examine the feasibility of using rigid metal plates as an alternative to daily soil cover over waste to save money and landfill airspace. A prototype was developed and utilized at the Revelstoke Landfill site with support from the CSR D and the Ministry of Environment. This alternate daily cover system became known as the Revelstoke Iron Grizzly Alternate Daily Landfill Cover. This cover system was promoted and sold to landfill owners throughout North America. The covers are custom made by Revelstoke Iron Grizzly and provide exceptional value.

**VOTING:**Unweighted  
Corporate ☐LGA Part 14  
(Unweighted) ☐Weighted  
Corporate ☒Stakeholder  
(Weighted) ☐**BACKGROUND:**

The Revelstoke Iron Grizzly Alternate Daily Landfill Cover was pioneered in the CSR D and has resulted in significant cost and landfill airspace savings. The cover system consists of either 24 foot long or 32 foot long modified rigid iron plates that can be easily applied and removed by landfill operators using heavy equipment. These plates are applied over the working areas of the landfill site at the end of each day which minimizes wind-blown scatter of garbage, vector introduction, and the need for daily soil cover. The CSR D purchased the cover systems for all four of its landfills sites in 2008, and the time has come to replace the covers at the Golden, Sicamous and Revelstoke landfills. Before 2008, the CSR D employed tarps as alternate cover systems which were not as effective in minimizing scatter of refuse or introduction of vectors.

**POLICY:**

In accordance with Policy No. F-32 "Procurement of Goods & Services", Board authorization must be obtained for any sole sourced contract over \$10,000.

**FINANCIAL:**

The 2017 Solid Waste Management Budget (219) includes the capital purchase of the custom made Revelstoke Iron Grizzly Alternate Daily Landfill Cover for up to \$70,000.

**KEY ISSUES/CONCEPTS:**

The utilization of an alternate daily cover system that provides maximum efficiencies at the landfill sites.

**IMPLEMENTATION:**

Purchase and delivery of new Revelstoke Iron Grizzly Alternate Daily Covers will be carried out upon approval of the Board.

**DESIRED OUTCOMES:**

The Board approve the recommendation to purchase the Alternate Daily Covers from Revelstoke Iron Grizzly.

**BOARD'S OPTIONS:**

1. *Endorse the Recommendation.*
2. *Deny the Recommendation.*
3. *Defer.*
4. *Any other action deemed appropriate by the Board.*

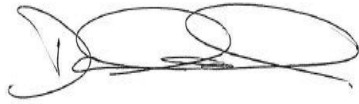
**LIST NAME OF REPORT(S) / DOCUMENT(S) AVAILABLE FROM STAFF:**

1. 2008 Report – Sperling Hansen Associates – Focus Course on Improving Landfill Efficiency.

**Report Approval Details**

Document Title:	2017-04-11_Sole_Source_Revelstoke_Iron_Grizzly_Covers.docx
Attachments:	
Final Approval Date:	Apr 19, 2017

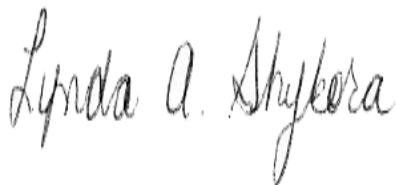
This report and all of its attachments were approved and signed as outlined below:



**Darcy Mooney - Apr 18, 2017 - 4:02 PM**

**No Signature - Task assigned to Jodi Pierce was completed by assistant Chelsea Kraft**

**Jodi Pierce - Apr 18, 2017 - 4:08 PM**



**Lynda Shykora - Apr 18, 2017 - 4:35 PM**



**Charles Hamilton - Apr 19, 2017 - 8:15 AM**