

Wastewater Treatment

BIOSOLIDS PRODUCTION REPORT

Capital Regional District | May 2021

Summary of Biosolids Production & End Use

1. Amount of Biosolids Produced

A total of 7 tonnes (t) of Class A biosolids produced at the Residuals Treatment Facility (RTF) were used as an interim landfill cover layer while the Lafarge stack test results were being analysed.

In late April, the RTF's only active digester stopped functioning as designed, resulting in the need to dispose of 2,584 t of undigested material at Hartland Landfill as a controlled waste in May.

Information on the CRD's biosolids beneficial use strategy can be found [here](#). The Definitive Plan can be found [here](#) and the Contingency Plan can be found [here](#).

Biosolids production and end use data for May 2021 is as follows:

Biosolids Type	Produced		End Use			
			Definitive Plan ^b	Contingency Plan: BGM ^c	Contingency Plan: Biocover ^c	Hartland Landfill ^d
Dried ^a Class A	This month	7 t	0 t	0 t	0 t	7 t
	Year to date	637 t	0 t	0 t	0 t	617 t
Non-Class A	This month	2,584 t	X			2,584 t
	Year to date	3,837 t				3,837 t

^a Greater than 90% solids

^b Used as an alternative fuel at the Lafarge cement manufacturing facility in Richmond, BC

^c Placed within the leachate containment areas of Hartland Landfill

^d Dried Class A Biosolids are placed within leachate containment areas as a layer of interim cover maximizing potential for fugitive gas mitigation, and Non-Class A Biosolids are landfilled as a controlled waste

2. Compliance Monitoring

Class A biosolids compliance monitoring data is not available for May 2021.