

**REPORT TO CAPITAL REGIONAL DISTRICT BOARD
MEETING OF WEDNESDAY, JULY 09, 2025**

SUBJECT Biosolids Beneficial Use Management – June Update

To provide a monthly update to the Capital Regional District (CRD) Board on the beneficial uses of biosolids in alignment with the Long-Term Biosolids Management Strategy.

BACKGROUND

The CRD has been producing Class A biosolids at the Residuals Treatment Facility since the commissioning of the Core Area Wastewater Treatment Project in 2020. On March 19, 2025, the Minister of Environment and Parks confirmed the CRD's Long-Term Biosolids Management Strategy. The strategy prioritizes advanced thermal treatment as the preferred option for biosolids management with a portfolio of out-of-region, non-agricultural beneficial uses for resiliency and contingency purposes.

This report provides a monthly update on the beneficial uses of CRD produced biosolids in alignment with the Long-Term Biosolids Management Strategy.

Biosolids Beneficial Use Management

Biosolids Production and Management

In June 2025, the CRD Residuals Treatment Facility produced 302 tonnes of Class A Biosolids. All the biosolids were beneficially used for out-of-region, non-agricultural applications.

The CRD has established three options for biosolids beneficial uses including energy feedstock for cement manufacturing in Richmond, BC, as a soil amendment for the reclamation of a quarry site in Cassidy, BC, and in a non-agricultural growing medium for potted cedar trees and shrubs.

CRD staff conduct ongoing daily coordination of biosolids management to mitigate costs across its portfolio of options based on available capacity.

The biosolids receiving silo in Richmond has been experiencing ongoing challenges with reliability and as a result, the majority of biosolids produced in June were managed at the Cassidy quarry site.

Out-of-region Compliance Options

To add further resilience and to encourage cost-competitive options under the CRD's portfolio for beneficial use of biosolids, staff have posted a Request For Proposals (RFP) to identify additional non-agricultural, out-of-region options, which will remain open until December 31, 2025. As of the date of this report, there have been no new submissions under the RFP.

Financial Implications

As of June 24, 2025, biosolids management expenses were \$1.4 million. The 2025 budget for biosolids management was amended from \$1.2 to \$2.8 million at the June 11, 2025 CRD Board meeting which is expected to accommodate the forecasted biosolids beneficial use costs remaining for 2025.

CONCLUSION

Throughout June, the Capital Regional District continued to beneficially use all of its produced Class A biosolids in alignment with the Long-Term Biosolids Management Strategy using a portfolio of out-of-region non-agricultural options. The primary beneficial use for CRD produced Class A biosolids for the month of June continues to be quarry land reclamation.

RECOMMENDATION

There is no recommendation. This report is for information only.

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