

**REPORT TO CAPITAL REGIONAL DISTRICT BOARD  
MEETING OF WEDNESDAY, SEPTEMBER 10, 2025**

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**SUBJECT     Biosolids Beneficial Use Management – July and August 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 July 2025, the CRD Residuals Treatment Facility produced 193 tonnes of Class A Biosolids. In August 2025, the CRD Residuals Treatment Facility produced approximately 280 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 beneficial uses of biosolids 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 landscape plant growers in the Fraser Valley.

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 July and August were managed at the Cassidy quarry site, while approximately 70 tonnes were beneficially used at a tree nursery in the Fraser Valley.

**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*

At the July 9, 2025, CRD Board meeting, the financial plan was amended to \$2.8 million for biosolids management. As of August 29, 2025, year to date expenses were \$2 million. The forecasted volume and costs for the balance of the year are expected to be in line with budget.

**CONCLUSION**

Throughout July and August, the Capital Regional District (CRD) 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 continues to be quarry land reclamation.

**RECOMMENDATION**

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

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