Biosolids can be applied to old tailings ponds to rehabilitate the land and restore valuable organics and nutrients.

Where Does Our Wastewater Go?

Agricultural Land Application of Biosolids
Biosolids contain nitrogen which is needed by plants, like nitrogen and phosphorus, and it can be used as a fertilizer for crops.

Biosolids can be applied to old tailings ponds to rehabilitate the land and restore valuable organics and nutrients.

Where Does Our Wastewater Go?

Biosolids can be disposed of at the landfill.

Some solids in the wastewater that get through to this stage settle to the bottom of a tank.

Biogas is a fuel generated in digesters that is mainly methane (like natural gas) and carbon dioxide. The biogas is collected and currently used as fuel to heat the digesters.

Biosolids products are transported from the Region’s wastewater treatment plants for use on agricultural land, or to old tailings pond reclamation, and disposal in regulated landfills.

Biosolids still suspended in water are treated like a giant salad spinner in a centrifuge, squeezing out more water to reduce volume, making it easier to transport. The Biosolids now resemble a soil called a cake.