Recovering Resources

In recent years, there has been increasing interest in recovering resources created through the collection and treatment of wastewater – such as reusable water, or heat. Resource recovery can have environmental benefits and generate revenue streams, but these must be weighed against increased capital and operations costs. As part of this planning process, options for resource recovery are being considered.



Technical consultants also looked at other resource recovery options but suggest they are not feasible at this point:

Production of Biogas: The current plant production is not large enough to make this economical. Extraction of Nitrogen and Phosphorus for Fertilizer Pellets: Due to the treatment processes currently in place, and cost, this is not feasible. Hydroelectric Turbine at Outfall: There is insufficient pressure head at the treatment plant's outfall for this.

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- The CVRD already has a system in place to recover nutrients from the solids collected through the wastewater treatment process using a composting
- The final product SkyRocket is a Class A compost and is allowed for sale to individuals and commercial use.



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