

MUNICIPAL WASTEWATER TREATMENT

WALLACEBURG, CANADA

Wallaceburg Water Pollution Control Plant



WE SOLVE ODOR!

Take Back Control Of Odors At Your Facility
Increase Plant Capacity / Reduce Operating Costs



The Challenge/Problem

The Wallaceburg WPCP is a conventional activated sludge plant with a rated design wastewater flow of 10,800 m³/d (2.9 MGD) providing treatment of domestic wastewater for approximately 11,000 residents of the Town of Wallaceburg.

The Wallaceburg WPCP was struggling with plant upsets relating to overloading that were causing the following issues:

- Odor complaints
- High levels of sludge production and elevated sludge disposal costs
- High ammonia levels
- Decreased DO levels in aeration tanks
- High BOD levels in effluent

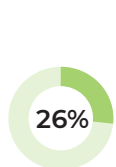


SciCorp Treatment Plan and Execution

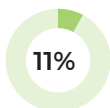
Working with SciCorp engineers, the Wallaceburg plant initiated a full scale, 90 day treatment project. SciCorp engineers reviewed the plant operating data and recommended a continual dosage of BIOLOGIC™ SR2 at the headworks of the wastewater treatment plant.

Success

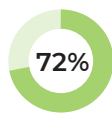
At the conclusion of the 90-day program the WWTP was able to achieve the following results with the use of BIOLOGIC™ SR2:



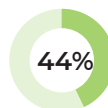
Reduction in sludge produced and costs associated with sludge disposal



Increase in dissolved oxygen levels in aeration tanks



Decrease in ammonia in the effluent



Reduction in BOD levels in the effluent

"The product eliminated foaming throughout the plant. Addition of the product reduced our sludge handling and disposal costs when compared to previous years data"

– Plant Manager
Wallaceburg Water Pollution Control Plant

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Contact our Engineers:
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