



Reduction of High BOD in Industrial Wastewater results in 50% Lower Costs for Food & Beverage Manufacturer

High Biochemical Oxygen Demand (BOD) from industrial effluents creates significant costs for discharging to municipal treatment facilities.

In Australia, a major food and beverage manufacturer found Microvi's solution to offer 50% cost savings compared to the leading conventional technology. By using the Microvi solution, the manufacturer could save on both operation and capital costs while meeting discharge limits.

The [Microvi MNE™](#) technology for high BOD treatment offers superior water quality without producing a secondary waste stream.

The manufacturer found that retrofitting their existing treatment system with Microvi MNE would be easy and cost-effective. With minimal labor, they found that the system was resilient, robust and recovered from any operational issues due to variability in the plant effluent water.

Project Details

Site Owner: Food & Beverage Manufacturer

Issue: High BOD effluent from the manufacturing plant

Solution: [Microvi MNE™](#) for High BOD treatment

Key Results:

- Achieved soluble BOD levels of <200 mg/L
- Results superior to on-site membrane technology
- Effluent was below regulatory limits
- Minimal secondary waste stream
- Robust performance under changing operational conditions

CONTACT US TO LEARN MORE →

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