

Wastewater Treatment System (6.0 m³/day)



Under construction with building



Case Study Details

This project was implemented for the Wastewater Treatment Facility to treat a combined wastewater of winery process and domestic sewage. The wastewater treatment system comprised of pH adjustment, screening, ISAM SBR followed by tertiary filtration for reuse.

A biofilter was provided for odour control.

Parameter	Inlet Conditions	Effluent Conditions
Average Flow	1.9 m ³ /day	1.9 m ³ /day
Peak Flow	6 m ³ /day	6 m ³ /day
Average BOD5	1,719 mg/L	10 mg/L
Peak BOD5	2,235 mg/L	10 mg/L
Average TSS With Tertiary Filtration	Not provided	10 mg/L

Engineering Consultant: Enviro-Stewards
Installation Contractor: JDS Energy & Mining Inc.
Start-Up: September 2009