

ISAM™ Sequencing Batch Reactor (SBR)



Case Study Details

Parameter	Influent Parameters	Effluent Parameters
Min Daily Flow	10 m3/day	10 m3/day
Max Daily Flow	70 m3/day	70 m3/day
BOD5	301 mg/L	5 mg/L
TSS	223 mg/L	7 mg/L
TKN	38 mg/L	N/A
Nitrates	-	5 mg/L
Total Phosphorus – TP	5 mg/L	2 mg/L
pH	6.5 – 8.5	

This project was implemented to upgrade the Wastewater Treatment Plant at the County of Brant Airport from primary treatment to a packaged nutrient biological treatment system for sub-surface disposal.

H2Flow supplied and started up a complete pre-fabricated packaged ISAM-SBR, Alum dosing system, Carbon source dosing system and a tertiary filter for suspended solids polishing.