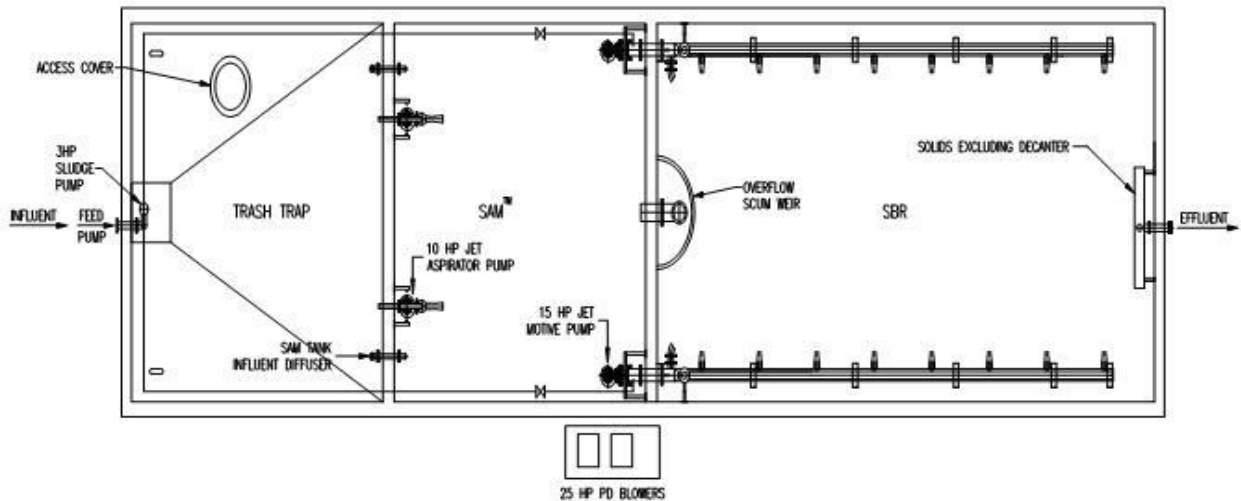


## ISAM Wastewater Treatment System



### Case Study Details

**Contractor:** Grey-Bruce Construction/M.P. Contractors

**Engineer:** D.J. Peach and Associates, Inc.

Parameter	Design Influent (mg/L)	Required Effluent (mg/L)
BOD <sub>5</sub>	1200	50
TSS	600	50



Chapman's Ice Cream in Markdale, Ontario selected Fluidyne's ISAM™ as the best process to meet their wastewater treatment needs. The ISAM treats a design flow of 132,000 gallons per day of high strength wastewater generated in the production of ice cream. The ISAM has an overall foot print of 25'x100'x15' TWL. The ISAM™ incorporates an anaerobic selector chamber and a Surge/Anoxic (SAM™) tank as part of the process. These features increase the process flexibility in handling peak flows and loadings while reducing sludge production. Chapman's Ice Cream has been very impressed with the performance of the system. Chapman's Ice Cream is pleased with their system and Fluidyne/H2FLOW's technical support.