

PROJECT FILE

Aerobic sludge digester in cold climate



Wastewater Solutions

Client	Snow Resort
Ref	NSWSL01
Sewage Treatment Process	Sequence Batch Reactor
Est daily flow (DWF)	Variable with weekends/holidays – service up to 2000 people per day
Issues	During peak periods, sludge holding tank was too small causing high MLSS levels in batch reactors.
Works installed	Installation of 2 x 20,000L Aerobic sludge digestors in series with bacteria dosing
Install Date	16/1/2013
Description	Existing sludge holding tank requiring regular pump outs. Solution: Sludge is wasted from the sequence batch reactor tanks during the aeration phase to aerobic sludge digester 1 which gravity flows to aerobic sludge digester 2 and back to inlet works. Tanks are sub surface and insulated to increase operating temps.



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