

PROJECT FILE



Wastewater Solutions

Client	Regional NSW Council
Ref	Sludge Gul
Sewage Treatment Process	Intermittent, Decant Extended Aeration (IDEA) Sludge wasted to storage ponds.
Est daily flow (DWF)	400,000L, 2,000EP.
WAS/day	4kL per day wasted to lagoons, MLSS 2,800mg/L
Issues	Sludge storage ponds full resulting in poor quality supernate return to inlet. Cost of mechanical removal and disposal of dewatered sludge
Works installed	Installation of For Earth low energy aeration system and bacteria dosing system
Install Date	June 2010
Description	IDEA treatment process, WAS transfer to storage ponds filling quickly, difficult to organise pump outs. Client installed the For Earth Aeration and bacteria dosing system to desludge online sludge pond. Client has been able to extend sludge storage pond to 2 years instead of 9 months before mechanical removal.



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