

# PROJECT FILE



## Wastewater Solutions

Client	NSW Regional Council
Ref	Sludge Gu
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	January 2009
Description	IDEA treatment process, WAS transfer to storage ponds filling quickly. Client installed the For Earth Aeration and bacteria dosing system to desludge offline sludge pond. Change system over every 8 months. Monitored VS% and after 5 years ponds have had their first sludge removed mechanically. (very cold climate)



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