

PROJECT FILE



Wastewater Solutions

Client	NSW Shire Council
Location	Regional NSW
Effluent Management Process	Livestock Truck Wash with Bio-Reactor and wet weather storage pond for irrigation.
Est. flow	Weekly flow of 48,000L
Water Quality Testing	26/02/2014 BOD Influent 1400mg/L, Treated Effluent BOD 140mg/L, BOD reduction 88%. 22/5/14 BOD Influent 1410 mg/L, Treated Effluent BOD 57mg/L, BOD reduction 95%
Works installed	Install For Earth Bio-Reactor system with automated bacteria dosing.
Install Date	11/12/13
Description	Effluent is collected from the truck wash in an effluent pit and large solids are screened. Screened effluent is then transferred to a holding tank which is then transferred to the Bio- Reactor. The Bio-Reactor consists of 3 poly tanks in series. Each tank has aeration and biological dosing. The system will provide ongoing biological sludge reduction and odour control. Water quality improves as it passes through each bioreactor tank until and treated effluent gravity flows to storage pond to be held for irrigation.



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