

# PROJECT FILE



## Wastewater Solutions

Client	NSW Shire Council
Location	Regional Saleyards NSW.
Effluent Management Process	Bio-Reactor treating saleyard run-off and wash down effluent. Treated effluent held in wet weather storage tanks for irrigation.
Sales	Every second Wednesday
Issues	Reduce odour. Reduce solids build-up in irrigation system. Produce effluent to comply with EPA and legislative guidelines.
Works installed	Install For Earth Bio-Reactor system with automated bacteria dosing.
Install Date	06/06/13
Description	Effluent is collected from the saleyard floor in an effluent pit. Then effluent is pumped to first flush tanks (tanks 1 & 2). This is then pumped to the Bio-Reactor. The Bio-Reactor consists of 3 tanks. Each has aeration and biological dosing (tanks 3, 4 & 5). The system will provide ongoing biological sludge reduction and odour control. Water quality improves as it passes through each tank until it reaches final tanks (6 & 7) where it is held for irrigation or discharge. Complies with EPA limits.



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