

# CASE STUDY



CUSTOMER **AMCOR**  
LOCATION **ENFIELD, NSW**  
PROJECT **MANUFACTURING EQUIPMENT WASH DOWN TREATMENT SYSTEM  
USING CLEARMAKE ELECTROPURE™ TECHNOLOGY**

## BACKGROUND

Amcor required a cost effective and reliable system to clean the wash down water from its cardboard manufacturing equipment, to a level suitable for compliant discharge to the sewer. Contaminants to be treated included substantial quantities of grease, glue and ink.



## SOLUTION

A Clearmake Electropure™ treatment system was installed. The system manages volumes of up to 300 l per day and is extremely effective at dealing with the large volumes of grease, glue and inks in the wash down water.

Waste water disposal costs have been reduced by more than 90% and no chemicals are required.

*"The unit requires approximately 15 minutes of maintenance per week and has paid for itself in around six months."*



## BENEFIT

- Extremely cost effective solution (pay back period of < 6 months)
- Reliable output water quality for discharge compliance despite massive quantities of grease, glue and ink being treated
- Minimal operator involvement (15 minutes per week)
- Chemical free operation

Test Results	Raw Water	Treated Water
TSS (mg/l)	2,500	17
Grease (mg/l)	1,600	15
Petroleum Hydrocarbons (mg/l)	1,200	15
BOD5 (mg/l)	1,000	180

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