

CASE STUDY



CUSTOMER THE ORIGINAL PRETZEL COMPANY
LOCATION THORNLEIGH, NSW
PROJECT FOOD PROCESSING WASH DOWN TREATMENT SYSTEM
USING CLEARMAKE ELECTROPURE™ TECHNOLOGY

BACKGROUND

The Original Pretzel Company required a compact system to clean the wash down water from its food processing equipment, to a level suitable for compliant discharge to the sewer. Contaminants in the wash water to be removed included substantial quantities of grease, suspended solids and BODs.



SOLUTION

A Clearmake Electropure™ treatment system was installed. The system manages volumes of up to 4,000 l per day and is extremely effective at dealing with the large volumes of grease in the wash down water.

The solution is compact, low maintenance, chemical free and provided a more cost effective option compared with more traditional treatment technologies.

BENEFIT

- Cost effective solution (capital and operational expenses)
- Compact system occupying minimal floor space
- Reliable output water quality for discharge compliance despite massive quantities of grease being treated
- Minimal operator involvement
- Chemical free operation



Test Results	Raw Water	Treated Water
TSS (mg/l)	690	260
Grease (mg/l)	130	< 3
Phosphorous	50	2.57
TKN (mg/l)	150	14.1
BOD5 (mg/l)	1 000	373

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