

CASE STUDY

WASTE WATER TREATMENT FOR ENVIRONMENTAL DISCHARGE



Clearmake[®]

WATER TREATMENT & RECYCLING SOLUTIONS

PROJECT

CLIENT: TBS Contract Services
LOCATION: Poatina, TAS

BACKGROUND

TBS Contract Services needed to treat wastewater from construction and maintenance activities to ensure they met environmental discharge and regulatory requirements. Removing the suspended solids and trace free floating hydrocarbons was identified as a key performance requirement.

Onsite treatment and discharge to the environment was determined to be the most cost effective and efficient method of disposing of the wastewater. Clearmake was selected to provide the treatment system.

SOLUTION

Clearmake worked with TBS Contract Services engineers to design, manufacture, install and commission a custom treatment system to meet the needs of the project. The design was confirmed by bench testing a representative sample prior to manufacture. The solution offered was:

- A Clearmake WTS 700 Batch Treatment System capable of treating up to 700L/h of water, including pH control, flocculation, clarification and filtration technologies to produce water suitable for compliant environmental discharge.
- The system is fully automated and includes associated automatic valves and a PLC control system.

BENEFITS

- Compliant environmental discharge of site wastewater.
- Most reliable, efficient and cost effective solution.

