

CASE STUDY

Aqua Armour Installation at Heyfield Water Treatment Storage

Quick Facts

Client: Gippsland Water

Date: May - June 2016

Location: Heyfield, East Gippsland, Victoria

Job Reference: 15-7168

Products: Aqua Armour & Eureka Manta2 Water Quality Meter using DataStream for real time data management.

Services: Field installation of a water quality monitoring system; including booming, Aqua Armour modules and telemetered water quality monitoring. Project Management and rental of environmental monitoring equipment.

Assignment

- Install booming for the 2,000 modules previously existing at the Heyfield Water Treatment pond
- Install an additional 1,500 new Aqua Armour modules
- DataStream Water quality monitoring of temperature, dissolved oxygen, turbidity & Chlorophyll
- Field installation of modules and Eureka Manta multiparameter sonde
- DataStream setup and ongoing management of water quality parameters via telemetry system

HydroTerra Solution

- Aqua Armour was installed at Heyfield to prevent/reduce algal growth
- Booming was installed in 20m x 20m cells to prevent Aqua Armour modules from moving during strong winds
- Ongoing telemetered water quality monitoring to measure potential fluctuations in water quality (Temp, DO, turbidity and Chlorophyll) and to improve water storage management at Heyfield, East Gippsland.

