

QUICK FACTS

Client: Water Technology

Date: 2022

Products: Portable ISCO Autosamplers, Customer Autosampler telemetry kits, Tipping Bucket Rain Gauge and Telemetry, Levelloggers and a Barologger.

OUR CLIENT

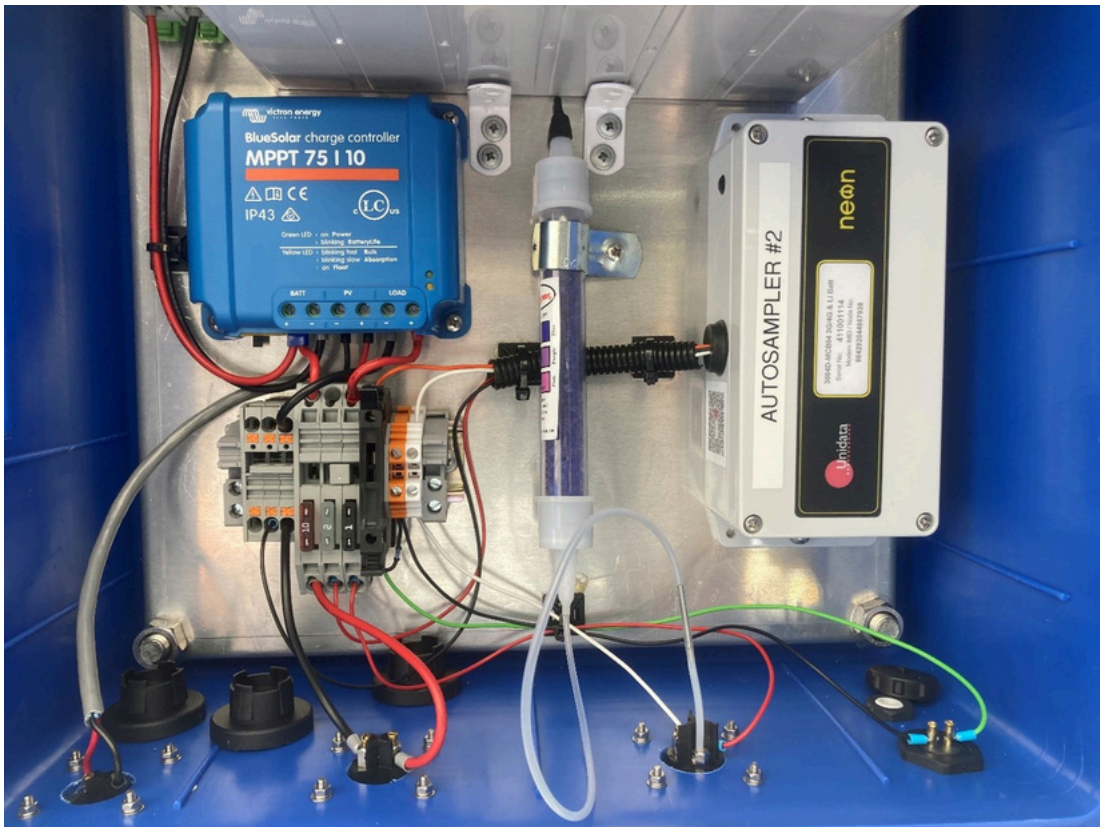
Water Technology provides scientific insight and strategic recommendations to manage surface water, groundwater, waterways, ecological, climate, coastal and marine challenges. They deliver practical, high-end science and engineering solutions to day-to-day complex water-related problems. Their clients represent the full range of organisations concerned with the management of river and coastal environments encompassing both the public and private sectors.



THE ISSUE

Water Technology had a requirement to collect cumulative samples from a surface water system automatically. There was also a provision to receive data on rain events, and for the sampling devices to automatically trigger based on water level.

Water Technology additionally requested a network of groundwater level monitoring devices.



HYDROTERRA SOLUTION

- HydroTerra provided two ISCO Portable Autosamplers to fit their surface water collection requirements. These were powered by two custom Autosampler telemetry kits and integrated with flow sensors to deliver flow proportional samples.
- A tipping bucket rain gauge was configured with telemetry to ensure real time site rainfall data was available for Water Technology field staff to view.
- Lastly, HydroTerra configured and provided Solinst Leveloggers and a Barlogger to enable Water Technology to monitor groundwater levels across 10 bores on site.
- All equipment was configured and tested in HydroTerra's workshop to ensure the systems were 'plug and play' for the client.



INSTALLATION DETAILS:

- 2 x Portable ISCO Autosamplers
- 2 x Customer Autosampler telemetry kits
- 1 x Tipping Bucket Rain Gauge and Telemetry
- 10 x Leveloggers
- 1 x Barlogger

ABOUT HYDROTERRA

Australia's leading provider of innovative end-to-end environmental monitoring solutions and products. With 118+ global suppliers and 15,000+ products, our expert team of engineers, applied scientists, instrument technicians and electronic engineers can help find the right solution. HydroTerra aims to provide trusted advice to some of Australia's largest private and public organisations making an impact on our environment.



HydroTerra

Environmental Monitoring Specialists