

CASE STUDY

GROUNDWATER MONITORING PROGRAM AT QUEENSLAND ALUMINA REFINERY, GLADSTONE

QUICK FACTS

Client: Queensland Alumina Ltd.

Date: 2015/16/17

Location: Gladstone, QLD

Products: Solinst Peristaltic Pump, Interface Meter, QED pump, YSI Pro Plus WQM, Waterra inertial pump and footvalves and 102 Water Level Meter.

Services: Low flow groundwater sampling, customized field iPad forms, project management, sample management, QA/QC guidelines & OHS.

ASSIGNMENT

To conduct biannual sampling of around 90 groundwater monitoring wells in and around the alumina refinery using low flow methodology. Both peristaltic pump and bladder pumps were used to sample the wells at varying water depths. Gauging of water level, water quality parameters and analytical sample suites were taken at most bore locations at site.



Completed stringent OH&S procedures and inductions across the various work zones on site and followed Australian QA/QC standards for groundwater sampling.



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