



# Wastewater Facility Renewal

## Eagleby Road & Eddy Avenue

**CLIENT:** Logan Water Infrastructure Alliance  
**LOCATION:** Logan, QLD  
**PROJECT VALUE:** \$54,970.00  
**CONTRACT PERIOD:** 4 Months  
**COMPLETION DATE:** July 2021

### PROJECT DESCRIPTION

Electrical Data & Security Services (EDSS) recently completed switchboard and flow meter upgrades in two Logan City Council locations (Albert Valley, Eagleby Road & Eddy Avenue).

Whilst all sites had slightly different scope of works, EDSS were engaged to perform:

- Decommission and relocation of the existing switchboard to allow pump well remediation works.
- Remove and replace the existing pumps with new larger submersible pumps
- Remove existing Soft starters and install new Variable speed drives and control wiring
- Modify switchboard wiring to include new motor Protection, upgrade control wiring from 240Volt to 24V DC
- Replace all 240Volt fans, lighting and controls with new 24VDC version
- Install new sun shields to existing switchboards enclosures
- Replace existing instrumentation with new flowmeters, pressure transducers and multitrode probes.
- Site acceptance testing (SAT) and the delivery of As built documentation with RPEQ sign off.

With continual effective communication with Logan water and delivery partners, the project was delivered on time, to budget and incident free.