

CASE STUDY

CLIENT

Northumbrian Water Group

PROJECT

Packaged Pumping Station
Gaskell Lane, Loftus

SCOPE OF WORK

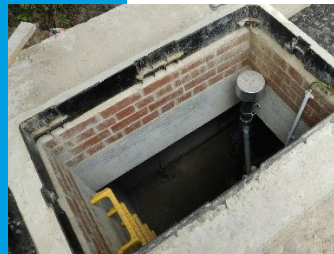
- ▶ Installation of Packaged Pumping Station
- ▶ Install Kiosk and all electric components
- ▶ Divert existing sewer into new package pumping station
- ▶ Install a new rising main
- ▶ A new 230v single phase and neutral electricity supply
- ▶ Complete commissioning

DATE

July 2016 – Sep 2016

PROJECT VALUE

£30,000



GASKELL LANE PACKAGED PUMPING STATION

The works consisted of constructing an underground structure to house a packaged pumping station, complete with a sump and all associated pipework, isolation and non-return valves.

Installation of the Kiosk onto an existing plinth supplied by others complete with ducts to the new underground structure. Kiosk was delivered to site complete with all inside electrical components prewired at Retroflo including Motor Control Panel (MCC) and telemetry. Kiosk building services included a heater, 16a socket outlet, light fitting.

A new 230v single phase and neutral electrical supply was installed, and installation of field wiring from the Motor Control Panel to the Pumping Station was also completed with all interconnecting cables, connections, level detector and associated local junction boxes.

The existing sewer needed to be diverted into the new packaged pumping station.

A new rising main was installed from the new package pumping station to the existing sewer. After installation of the full packaged pumping station, Retroflo carried out electrical testing to BS7671 and full commissioning, producing all the required paperwork to hand over to the client.