

Real-time Pre-Construction surface water quality monitoring for A47 Dualling Scheme

Our Services

- ✓ Surface Water Quality Monitoring
- ✓ Bespoke Instrumentation
- ✓ Ambilytics: Data Analytics

Client

Galliford Try

Value: £35K

Location: East Anglia


The Task

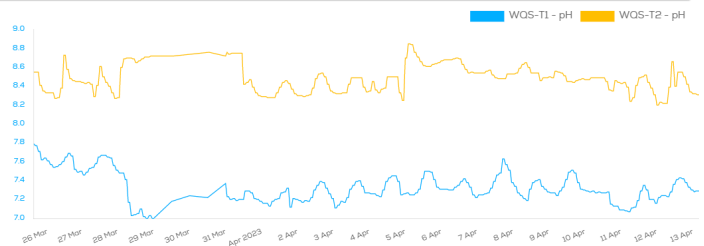
- ⇒ To provide 'baseline' Pre-Construction surface water quality data at selected points to document the existing water quality.
- ⇒ To provide 'real-time' data to the end client and their consultants (Sweco) so that any changes could be assessed in a timely manner
- ⇒ To undertake regular spot monitoring, sampling & analysis visits to augment the real-time data.

The Challenges

- ⇒ Poor site access & remote monitoring locations.
- ⇒ Specific scope for real-time parameters.
- ⇒ Prescribed data output required.

The Solution

-  ⇒ Provision of multiparameter sonde to meet bespoke specification.
- ⇒ Creation of bespoke data output & monthly factual reporting to suit client requirements.
- ⇒ Installation of permanent headworks to house important hardware & to facilitate autonomous power provision.



Results

- ⇒ Robust data acquired for baseline dataset.
- ⇒ Allowed assessment of water quality data to proceed quickly.
- ⇒ Assisted client in meeting ongoing regulatory requirements controlling impact upon water courses.