

Process Commissioning Services

Following construction completion and dry commissioning Aqua Enviro can provide services in the following areas:

- Process commissioning plans
- On site personnel to operate and commission the process plant
- Sampling and analysis
- Take-over tests
- Plant optimisation
- Performance test

Construction

Whilst construction time and cost can be readily evaluated, the costs of commissioning are; process dependant, site specific and rely upon criteria which are often outside the control of the main contractor. Failing to meet contractual guarantees can result in expensive extensions to the contract, we can help you avoid over running during the commissioning period.

Take-over and Performance Tests

Working across a range of technologies we can provide an integrated service to meet contractual guarantees in terms of performance and reliability tests. Aqua Enviro's varied portfolio of clients includes UK Water Utilities, Tier 1 Contractors, Engineering Consultants and Industrial Wastewater producers, working within a wide range of commercial and contractual environments.

Additional Services

Includes using Lithium Tracer and Oxygen Transfer Efficiency measurement techniques. Tests can be designed and results interrogated to meet any client specific requirements and demonstrate compliance with site specific guarantees.



Sampling and Analysis

Once commissioned or if 'hands off' periods are required then we can provide sampling and analysis services (either UKAS or non-UKAS) on a continuous, 7 days per week basis.

Sampling can be undertaken in the form of Diurnal or Composite samples or even continuous 'spot' samples dependent upon the requirements. Data can be collected, analysed and reported to the client at any intervals, as required.

Our team of dedicated commissioning engineers are experienced and skilled in the operation and commissioning of;

- Physical chemical treatment
- Dewatering plant including centrifuges and belt presses
- Biological treatment process (i.e. activated sludge)
- Thermal hydrolysis sludge pre-treatment processes
- Anaerobic digesters
- Thermal drying and energy recovery
- Oxidative processes



Process Commissioning Services

Meet (some of) the team



Matthew Smyth
Associate Technical
Director



Dr David Tompkins
Bioresources
Development
Manager



Martin Jolly
Associate Business
Development Director



Rowland Minall
Operations Manager



Paul Lavender
Business
Development
Manager



Matt Taylor
Organics Technical
Manager



Dr Gergely Forgacs
Senior Process
Engineer



Andy Burgess
Laboratory Manager



Susan Davies
Process Engineer



Kate McKinley
Client Project Manager



Emma Morley
Senior Process
Scientist



Dean Herron
Process Engineer



Ana Afonso
Process Scientist