

Collaborating for Impact: Water Industry Adopting Offsite Solutions for chemical dosing

PROJECT DETAILS

Project name: WIMES 8.02 review

Project type: Review of the Water Industry Mechanical & Electrical Specification (WIMES) for chemical dosing equipment

Project client: UK and Irish Water and Sewerage Companies (WaSCs)

Other project delivery stakeholders:



The Pump Centre manages a portfolio of over 90 Water Industry Mechanical & Electrical Specifications (WIMES) and associated resources. The project objective was to review and update Issue 3 of WIMES 8.02 (Chemical Dosing Equipment) which was last published in 2011. One of the main objectives of the review was to include new content for large built off site items such as thermoplastic storage tanks and bunds and GRP kiosks.

The decision to update WIMES 8.02 was agreed by the WIMES Steering Group in 2020 based on the large number of AMP7 chemical dosing schemes which would potentially benefit from the updated specification.

A key objective of the update was to include content for large built off site items such as thermoplastic storage tanks and bunds and GRP kiosks

The objective of the WIMES project is to review each WIMES every AMP cycle (5 years), this was not previously possible for WIMES 8.02 due to other WIMES reviews being prioritised. This had resulted in the specification becoming 'out-of-date' in several key areas.



COLLABORATING FOR IMPACT

Buildoffsite brings the industry together to promote innovative and collaborative ways of working and doing business across our diverse network.

This vision can only be delivered through clear direction and objectives in all activity we undertake; both internally and with, and on behalf of, our members and collaborators.

The Pump Centre has been actively involved with the Buildoffsite Utilities Hub since April 2018. One of the objectives of the Buildoffsite Utilities Hub is to 'Develop Standard Products' Specifications and to share "best practice" in the UK water industry, which is closely aligned with the objectives of the WIMES project.

The Pump Centre was aware that chemical dosing equipment had previously been identified by the Utilities Hub as a 'standard product' which they could help the water industry develop/ optimise, hence it was natural when the WIMES 8.02 review was prioritised by the WIMES Steering Group that the Pump Centre would involve the Utilities Hub in the review.

BUILD INSIGHT & KNOWLEDGE

The objective of the project was to deliver a comprehensive review of WIMES 8.02. This would involve engaging the UK water companies and their supply chain to identify areas where the current specification was not embracing current best practice and/or suppressing innovation. One of the main deficiencies of the current specification was the lack of content relating to large Offsite manufactured components such as plastic storage tanks and bunds and GRP kiosks.

The project objectives were decided and agreed in mid 2021 via a series of meetings/discussions between the WIMES and Buildoffsite Water Hub project managers.

BUILD OFFSITE INDUSTRY FACILITATION

It was agreed that the WIMES 8.02 review would be delivered by a series of webinars, with the Pump Centre managing the detailed technical discussions comprising the review and Buildoffsite Water Hub managing the marketing/publicity, with particular emphasis on maximising supply chain engagement in the review.

The project was delivered via a series of 10 full day webinars during the Covid Pandemic Lockdowns between November 2020 and September 2021. And kicked off with a supplier showcase for chemical dosing solutions for the Water Companies.

Following on from the 'joint' Pump Centre/Water Hub webinars, the Pump Centre organised several online meetings with the water companies to finalise outstanding issues.

The revised specification is now published and can be found [here](#).

Who were the key stakeholders you engaged with?

The key stakeholders were the UK water companies and their chemical dosing equipment suppliers. Several manufacturers of key components comprising the chemical dosing equipment were also involved listed under other project delivery stakeholders.

OUTCOMES

Early Engagement with Supply Chain

A key outcome/learning point of the project was that detailed engagement between the water companies and their supply chain at an early stage of the specification review process has been extremely effective at stimulating discussion and identifying best practice/innovation during the specification review process.

Future Industry Collaboration

The Pump Centre will maintain involvement with the Buildoffsite Water Hub and where appropriate, involve them with future WIMES reviews. This is likely to be most beneficial where the equipment covered by the WIMES comprises a significant number of large offsite or modular components.