

## The Liverpool Project

### Project

**Treatment Building**

### Client

**GCA and United Utilities**

### Contract Responsibilities

**Design and Build,  
Project Management**



### The Overview

This is part of the overall £200 million extension to the Liverpool waste water treatment works to keep the River Mersey clean. The new plant at Wellington Dock will take away and treat the sewage of over 600,000 people before returning it to the river. As part of the United Utilities Process Alliance, the GCA (Galliford Try, Costain Atkins) joint venture have used Building Information Modelling (BIM) to help deliver significant costs and safety benefits on the development of this new waste water treatment facility.

### The Challenge

This is a design and build project for Gallaway, for the construction of a superstructure for the three treatment buildings. It has allowed us to introduce 3D modelling to deliver the project in a collaborative and integrated manner. Due to the nature of the project and the ongoing design requirements, working alongside GCA and other subcontractors was critical to the smooth flow of operations.

### The Solution

Gallaway have adopted the GCA approach of getting the right information to the right people, at the right time, and in the right format – this is allowing us to foster a working environment in which various BIM applications can be demonstrated and given opportunities in the design and construction process. There has been a great need for the co-ordination and co-operation of all parties to ensure there are smooth interfaces and safe working zones between all the parties involved.



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