

New Terryland Water Treatment Works

Contract Upgrade of Existing Treatment Process.



Client

Response Engineering Ltd
Railway Road,
Charleville,
Co Cork

For

Galway City Council
City Hall,
College Road,
Galway

Client Representative

Ryan Hanley,
Sherwood House,
Sherwood Avenue,
Taylors Hill,
Galway

Plant capacity

55,000 m³ / day

Value

€ 3,100,000

Status

Complete

Challenge

Terryland Water Works is the main source of water treatment for Galway city.

The Contract involved the upgrade of all aspects of the water treatment plant to increase both the quality and the output of water at Terryland Water Works. The output had to increase from 33,000 m³ / day to 55,000 m³ /day.

Response Civil Limited was a subcontractor to Response Engineering Limited and carried out works associated with the contract.

The plant had to be kept live with the current standard of water and output at all times therefore there had to be careful planning and execution of the works at all times so as not to disrupt the flows or quality of the water

This contract was successfully completed within the programme

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Answer

Response Civil Limited had responsibility for all civil aspects of the contract including the following:-

- 600mm Dia. Raw Water Pipe Manifold.
- Insitu Concrete Chamber For the raw water Manifold with removable roof.
- Installation of New Raw water intake screens & access road to intake pipes
- Installation of New raw water fine screens at raw water tank
- Construction of Bunded Chemical Storage area & Chemical dosing building.
- Construction of new UV filter control building around existing prefab building.
- Installation of 600mm diam raw water pipe lines and connections
- Construction of Insitu Concrete Floc Tank.
- Construction of new ESB substation and Electrical control rooms.
- Modifications to and sealing of concrete in existing filters.
- Diversions & Modifications to existing pipe work
- Concrete Chambers Power and Telemetry Ducting
- Chemical dosing Pipe work
- Roads and footpaths
- Fencing & Landscaping