

In this Issue:

Response awarded major O&M contract for Limerick City WWTP

Response named one of Deloitte Best Managed Companies for second year in a row

Response Water successfully complete UK Leachate Management Project

Terryland Water Treatment Plant Upgrade for Galway County Council

Response Civil complete contract in Scotland

Double Response for Bantry

Leitrim County Council 20 year DBO Contracts

Response complete East Waterford WTW upgrade

Response CSL complete Drive-by AMR for Carlow County Council

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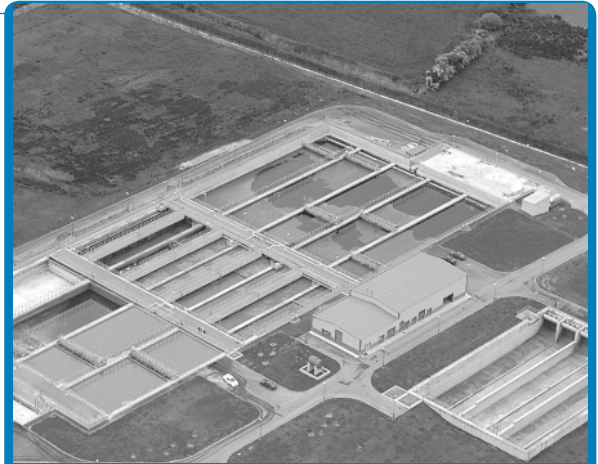
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Severn Trent Response awarded major O&M Contract for Limerick City

The Response Group in consortium with Severn Trent Water have been awarded a 68 million euro contract to operate and maintain the major assets of Limerick City's Main Drainage for a period of

20 years. The contract, which was won by keenly contested public tender has just commenced. The assets to be managed include Bunlickey WWTP (PE 130,000), Bunlickey Sludge Treatment Centre, Corcanree Main Pumping Station, 9 Satellite Pumping Stations and all sewers in the collecting system ranging from 900mm to 2700mm. Speaking after the contract signing, Pat Dromey, Director of Services Limerick City Council said " *We are delighted to be working with Severn Trent Response. We believe we have secured a high quality, value for money service agreement for the next twenty years that will ensure that our statutory obligations are met, our water quality objectives achieved and the future development of the city can now progress.*"

Response Group are currently managing a host of O&M Contracts including Carrick-on-Shannon and Leitrim Towns/Villages WWTPs, Shannon and Shannon Airport WWTPs, Wexford CC Leachate Treatment plant at Holmestown, Templemore and Bunclody WWTP's and water treatment plants at Bantry, Coolmoney Camp and the Leitrim Group Water Scheme.



Aerial view of WWTP at Limerick

Response reconfirmed as one of Ireland's 25 Best Managed Companies



R-L: Jim Slattery, Maurice Daly, Sean Murphy, Noel Hanley (Response) & Ger O' Mahoney Deloitte pictured following receipt of Deloitte 25 Best Managed Companies award

Response Group having received the Deloitte Best Managed Company award for 2009 have once more requalified for the award in 2010. The Deloitte Best Managed Company designation is a symbol of Irish corporate success and recognises excellence in business performance and management.

The award programme identifies best managed companies through a rigorous evaluation process that extends far beyond financial results. Delighted at this continuing success Response Chairman, Noel Hanley commented " *The award has raised the profile of the company and given clients a fresh perspective on our ambition to improve and innovate.*"

Response Water successfully complete UK Leachate Management Project

Response Water the Group's UK affiliate has recently successfully completed a landfill leachate management project for Buckinghamshire County Council at High Heavens, High Wycombe, Bucks.

The project procured by Design Build contract was completed in consortium with Barhale Construction.

The Council operates a household waste recycling centre and composting facility at High Heavens. Increased solid waste loading on the facility coupled with reduced capacity in the receiving wastewater collection system obliged the council to adopt a leachate storage management system which was customised to the available discharge options. Response Water designed a management

system which included the following unit processes;

- Leachate and Runoff Pumping
- Pre-Discharge Flow Balancing
- Inter-Tank Flow Balancing
- Flow Control & Measurement
- Ultrasonic Level Control
- Odour Control
- PLC Remote Control



Treatment Works at High Heavens, Bucks, UK

Terryland Water Treatment Plant Upgrade

Response Engineering are currently commissioning a 3.5 million euro upgrading of Galway City Council's Terryland Water Treatment Plant. The works in this contract include the installation of new mechanically raked inlet screens, fine band screens, raw water pumping, pH control facility, coagulation system, improvements to flocculation system, enhanced clarification, filter floor upgrades, replacement of treated water pumps, uprating of MV/LV electrical supply and new SCADA system. In 2007 Response Engineering installed a UV disinfection system at Terryland in response to an outbreak of Cryptosporidium at the treatment plant which resulted in a "Boil Notice" being enforced on the city's water supply. This project was completed in compliance with the clients critical six week programme. The current upgrade was completed under the new form of government contract.

Response Civil complete contract in Scotland



Response Civil successfully completed a landfill remediation contract with Oran Environmental Solutions Ltd at West Carron near Falkirk in Scotland. The Project Regulator was the Scottish Environmental Protection Agency (SEPA) and the Client Representative was Jacobs Engineering UK. The works included major sideslope regrading and capping to a 40 hectare landfill and involved the installation of leachate drainage and gas collection pipework. David Smith of SEPA commented "Response Civil completed the works in a well organised and efficient manner and were able to meet the onerous programme set by the Scottish Authorities".

Double Response for Bantry

Bantry WWTP



Aerial View of WWTP at Bantry

Response Engineering has completed a contract to install all mechanical and electrical plant associated with Cork County Council's new wastewater treatment works at Bantry. The works which were installed under conventional contract (MF1) provide treatment for a P.E. of 6,000.

As Bantry Bay is an area of very high amenity UV disinfection is provided on the final effluent stream to protect shell-fishery and bathing water quality. Final effluent is discharged from a tidal tank to a submarine outfall through the use of a lunar clock. Excess sludge is thickened in a PFT before dewatering on a gravity belt press.

Consulting Engineer for the project was Mott McDonald, Cork. The value of the mechanical and electrical contract was in excess of 2 million euro.

Bantry WTP



Water treatment facility at Bantry

June 2010 saw the successful completion and commissioning of the contract to design & build a water treatment facility at Bantry by Response Engineering. The civil element of this contract was completed by Response Civil. The plant is designed for a throughput of 60m³/hr.

The contract was completed in June 2010 in order to ensure an improved water supply to the town of Bantry, which sees an increased water demand during summer months.

The facility provides treatment using ozonation, coagulation, flocculation, clarification, UV disinfection, chlorination and flouridation.

The plant is now fully operational and is presently being operated and maintained by the Operations & Maintenance Division of the Response Group.

Leitrim County Council Contracts



New WWTP at Kinlough

After public tender Response Group was awarded the 10.5 million euro DBO Contract for wastewater collection and treatment facilities for towns and villages in County Leitrim including Dromahaire, Drumkeeran, Kinlough, Kiltyclogher, Rooskey, Cloone, Jamestown, Ballinglera, Killarga and Dromcong. Design P.E.'s range from 100 to 2,600. The contract includes for the installation of seven new pumping stations and five refurbished pumping stations and the construction of new outfalls.

Response has taken over the operation and maintenance of existing WWTPs during the construction period of 18 months and on completion will operate the new facilities for a twenty year period. Client Representative for the project is Nich-

Response Group was previously awarded the DBO Contract for Carrick-on-Shannon WWTP and is currently maintaining and operating the works under a twenty year contract. This facility which has a capital works value of 7.9 million euros is designed for a P.E. of 11,500

Response Water Headquarters

Response Water which is the UK Division of the Group has opened a new office at:
Unit 1, Worton Court, Worton Road, Isleworth, TW7 6ER
Tel: 0044 (0) 208 758 2030

Response complete East Waterford WTW upgrade

Response Engineering has completed work on upgrading treatment and pumping facilities for East Waterford Water Supply Improvement Scheme for Waterford County Council.

Response have completed the work under several separate conventional (MF1) contracts. Treatment works upgrade included the installation of new sedimentation, filtration and sludge treatment facilities. Raw water and treated water pumping facilities were installed under separate contracts. The uprated WTW has a throughput of 58.5 M3/Day and the capital cost of the M&E work was 4.4 million euros.



Settlement Tanks at Adamstown

The upgraded works supplies a greatly increased demand from Waterford City environs and from communities in the east of the county. Consulting Engineer for the project was RPS (Cork)

Drive-by AMR for Carlow County Council completed by Response CSL



Response CSL has completed the installation of a comprehensive "Drive-by" Automated Meter Reading (AMR) system for non domestic water customers throughout County Carlow. This AMR system automatically reads and records water consumption at 1,750 new and existing meters in eleven areas of the county and in Carlow Town. Response CSL installed 1,500 Bonyto Concentric meters with Hydrometer Transponders as part of the contract. Transponder readings were later verified from meter registers. A water meter database "Hydroradio" was established and linked to Carlow County council's "Agresso" system to provide billing information. Drive-by AMR which takes place six-monthly in the country and quarterly in Carlow town in completed in a fraction of the time previously required for manual recording. The new system has resulted in far fewer customer complaints and in improved cash-flow for the council through more frequent billing.

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