



## KILDARE WELLFIELD DEVELOPMENT SCHEME - DBO

17.5MLD Wellfield Development in County Kildare

Client: Kildare County Council

### SUMMARY:

**Value:** €26 million

**Status:** Phase 1 - Complete  
Phase 2 - Contract Documents

### Services Provided:

Preliminary Report  
Detailed Design  
Project Management



Nicholas O'Dwyer are lead Consultants to Kildare County Council for the Kildare Wellfield Development Scheme.

The scheme includes the development of 4 no. Wellfields at Monasterevin, Rathangan, Robertstown and Johnstown Bridge with a combined capacity of 17.5MLD.

In addition to the 4 no. Wellfields and associated treatment plants, the scheme includes 2 no. Storage Reservoirs and 72km of pipeline ranging in size from 100mm to 450mm.

Phase One of the scheme is complete.

Contract No. 1 involved a 5000m<sup>3</sup> Storage Reservoir, 21km of 100 to 450mm diameter pipelines, 2 No. Treatment Plants and 10 No. Production Wells (capacity 8.75MLD).

Contract No. 2 included the supply and installation of 10 no. Submersible Pumps, the mechanical fit out of the two treatment plants and the installation of control and monitoring installations.

Phase Two of the scheme is at Contract Document Stage.

Contract No. 3 includes the traditional elements of the Johnstown Bridge and Robertstown Wellfields and will construct 40km of pipelines and a new 4000m<sup>3</sup> Reservoir at Carbury.

Contract No. 4 will be a Design Build and Operate Contract. The Design Build element will include 2 no. Treatment Plants (capacity 8.75MLD), 16 no. Raw Water Pumps and 16kms of Raw Water mains

The Operate Contract will include for the operation of all four wellfields at Monasterevin, Rathangan, Johnstown Bridge and Robertstown.

