



KEE CASE STUDY

KEE collaborate with Northern Ireland Water on a £5m investment to construct one of the largest RBC sites in Europe.

KEE's expertise in design, manufacture, installation, servicing maintenance and operation of equipment for all types of wastewater treatment plants is backed by over 60 years of experience and over 350,000 installations worldwide.

Background

KEE have been working with Northern Ireland Water (NIW) for over 15 years, providing treatment plants for many of their water infrastructure projects. The most recent collaboration involved KEE Group working on a new £5 million wastewater system for 5,800 people at Keady, Co Armagh. The new Keady Wastewater Treatment Works was to deliver improvements in process efficiency, discharge quality and increase the capacity of the plant to encompass the neighbouring population in Armagh.

KEE technical experts worked closely with NIW consultants throughout the term of the project, providing the following:

- Support and guidance in selecting the correct treatment process and technology
- Detailed 3D plant designs and specifications

- Manufacture and supply of wastewater treatment equipment
- On-site training for NIW Services Staff, to ensure optimum plant process performance and extended life
- On-going site maintenance and back up support

The Challenge

The new plant was to meet the following requirements:

- To be constructed within the existing site of the old plant
- Achieve current and future NI Environment Agency discharge standards and EU regulations.
- Provide additional capacity to meet the future needs of the growing local population



10 KEE RBCs at the new Keady Wastewater Treatment Works.

