

Water People



There are lots of 'water' people who work hard to keep our water flowing. NI Water have over 1500 staff with lots of different jobs helping to provide us with clean safe water, clean our wastewater and look after our environment.

Engineers



An engineer is a person who designs and builds machines, systems or structures to deliver a service or help solve a specific problem.

There are different types of engineers who work for NI Water

Civil Engineers- Design and construct structures such as reservoirs, pipelines, pumping stations and treatment works.

Electrical Engineers – Design, construct and work on equipment in our pumping stations and

Scientists

NI Water has its own science laboratories and over 100 scientists who work hard to keep our water and environment safe.



Clean Water Scientist - Over 120,000 samples of our water are lifted at reservoirs, treatment works and homes and brought to NI Water laboratories where it is tested to ensure it is clean and safe to drink.

Microbiologists- study the tiniest living organisms we call microbes. Some of these microbes can cause sickness in people and our microbiologists work hard to make sure these microbes stay out of our tap water.

Wastewater Scientist – test waste from factories before it goes into our wastewater treatment works and test our wastewater to make sure it is cleaned properly and safe to return to the watercycle.

Operational Scientists - Scientists use our test results to look after our water and waste water treatment works and to show people how lovely our tap water is.

Operations



Water Treatment Works – This is where we filter all the dirt and bacteria out of the water. The Operators look after and maintain everything at the water treatment works to make sure our water is clean and safe to drink before being put into the pipes to our homes. Did you know NI Water clean over 605 million litres of water every day! This is enough water to fill 242 Olympic swimming pools every day of the year!

Wastewater Treatment Works- Operators look after and maintain everything at the wastewater treatment works to make sure our sewer water is cleaned and safe to be returned to our rivers and oceans. Did you know NI Water clean over 373 million litres of wastewater every day!

GIS Specialist



Geographic Information System (GIS) is a computer system that displays information about a particular area on the Earth's surface. NI Water use GIS to gather information about an area such as the water and sewer network, population, and any NI Water assets such as reservoirs, treatment works, pumping stations. This information can be used to plan for any work needed to be carried out or decide if anything new is needed for an area.

Environmental



Everyone who works for NI Water has a responsibility to look after the environment and many workers have special jobs to make sure that all the work undertaken by NI Water doesn't harm the environment.

SCAMP (Sustainable Catchment Area Management Practice) Scientists -these scientists work with environmental champions to find nature based ways of treating water and protecting lots of land which water flows over and through, before it gets to our water treatment works. Wildlife and plants, as well as people, really benefit from the work that these scientists do.

Energy experts- It takes a lot of energy to clean and pump water and NI Water's energy experts work hard to find more renewable ways to generate the electricity we use. Did you know we have a huge solar farm on the shores of Lough Neagh which creates green energy to clean the water!

Networks



Water Networks

NI Water look after over 27000 km of water pipes. 27000km would reach more than half way around the world! Water technicians make sure the water flows safely through the pipes and into our taps. They will carry out checks to ensure the pressure and quality at your house is up to standard. Leakage technicians use special equipment to find leaks in the pipes, and a team of maintenance workers fix any burst pipes as quickly as they can.

Wastewater Networks

NI Water look after over 16,000km of sewer pipes. Wastewater technicians make sure the wastewater makes its way to the wastewater treatment works to be cleaned without causing any flooding or pollution. They use special equipment to check for blockages in the sewers and clear these to ensure our homes and businesses don't flood with sewage. Remember the 3ps – only pee, poo and toilet paper should be flushed!

Communications



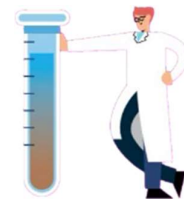
It is very important for NI Water to communicate with their customers and for customers to be able to get in contact with us if needed. NI Water is a 24/7 organisation, so communications is 24/7 too! We communicate through social media, our website, email and phone.

Customer Service Team -available 24/7 to help with any queries our customers have about their water or wastewater.

Communications Experts- look after our website, work with local media and provide important information to our customers about how they can help us save water and remind them what not to flush down the toilet!

The NI Water Education Team visit schools and groups to teach them about the watercycle, how our water and wastewater is cleaned and the simple things we can all do to look after our water.

NI Water Team



NI Water also have a large team of Accountants, Lawyers, IT experts and Human Resources who co-ordinate and support all the work we do.

Without everyone working together we wouldn't be able to clean our water and wastewater and help look after our wonderful watercycle!