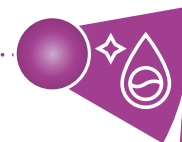


WARMER AND DRIER SUMMERS



ACCESS NEW SOURCES OF WATER

All our raw water is currently sourced from lakes and reservoirs that are above ground and then treated to provide drinking water.

There is a large source of water in the form of ground water that lies in naturally

occurring underground aquifers. Using boreholes, we can extract this high-quality water and make it available where it is needed most to produce drinking water. The aquifers can also be used to provide geothermal heat.

We will search out new, sustainable sources of raw water and explore geothermal heating opportunities.

'ROCK SOLID' SOLUTION TO HIGH QUALITY WATER

NI Water revealed a 'rock solid' solution to obtaining a sustainable water supply by tapping into Earth's most hidden asset, groundwater. A long term, resilient water supply is a top priority, which is why we are using boreholes to access this sustainable water supply.

Groundwater is perfect as it is stored underneath the Earth's surface and is a largely unused water source in Northern Ireland. It is also naturally filtered through rocks so requires minimal treatment to make it drinkable. NI Water is using solar panels for abstraction and treatment of the water which will offset electricity usage and activated filter media (recycled glass) to ensure it is treated to drinking standards.

Overall, this innovative solution will not only provide water in all weathers but reduces chemical use and greenhouse gas emissions.



Moneymore Borehole in County Derry/Londonderry.