

Fast Facts on Storm tanks

New schemes

In August 2023 we started work to install a new storm tank and upgrade technology at our water recycling centre (WRC) in Feltwell, in line with new Environment Agency regulations.

The scheme marks an investment of almost **£4 million** to Anglian Water's Leonard's Lane WRC, as part of the company's Water Industry National Environment Programme (WINEP), a programme of environmental investment which is taking place between 2020-2025.

Anglian Water's WINEP totals over **£800 million** of work which is specifically targeted at protecting the environment and improving river water quality. It is the largest WINEP plan of any water company, with double the number of commitments made and delivered in the previous five-year period.

The new storm tank at Feltwell will be able to hold more than **700,000 litres** of water during extreme weather, so it can then be treated before being returned to the nearby water courses. This builds resilience to extreme weather caused by climate change and protecting the environment by helping to reduce the use of storm overflows, providing additional protection for rivers, many of which in the East of England are unique chalk stream habitats. Work is expected to be complete on the project by early 2024.



£800m

Anglian Water's WINEP total for protecting the environment and improving river quality

700k

litres of water and more fills the new storm tank at Feltwell once complete in early 2024

AMP 7 investment

This AMP we are investing close to £220m on schemes that will reduce storm spills. These include;



£21.5 million on improvements bathing water quality. Many of these solutions do this by reduce spills from sea outfalls

£23 million on increased monitoring of total number of spills to improve information and visibility to the public and inform future investment where it will have the most environmental benefit

£56 million Investment to increase capacity and the amount of water treated at Water Recycling Centres and reducing the risk of spills to the environment

£80 million to install more storm tanks at Water Recycling Centres

£20 million and more to directly reduce spills at high spilling CSOs to protect the environment and increase monitoring at those at risk of causing pollutions during heavy rainfall.

£20 million in sustainable drainage solutions to reduce the risk of flooding and CSO spills

Performance



We have continued to reduce storm spills, reducing spills to an average of 26 in 2021 and our **lowest-ever record in 2022 of 16 spills**.



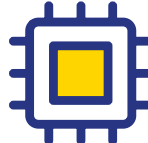
In the last 20 years, Anglian Water has surrendered the permits for **220 storm overflows** across the region. This represents a reduction of 1 in 6 CSOs on the sewer network (around 16%).



We will reduce storm spills to an average of **20 per year by 2025**.



We're installing **22,000 sewer monitors** across 11,000km of our high and medium-risk network, close to water courses this year (to be completed in 2023). **This is over 10x the number of equivalent storm overflow monitors**.



The technology helps to detect problems and troublesome blockages within sewer pipes, meaning they can be found and fixed sooner, ultimately **protecting the wider environment**. The system works by using weather forecasts and hundreds of sensors to pre-empt when the network may not be operating at its full capacity, usually indicating a blockage is forming.



Cumulatively our interventions are **resulting in an 81% positive success rate** where, at these early stages, we are correctly identifying and resolving a flagged issue.

