LENAMORE WASTEWATER PUMPING STATION PROJECT

update

Autumn 2026



niwater

Delivering what matters



Work on the new Lenamore Wastewater Pumping Station is progressing well. The project is now more than two thirds complete, and currently on schedule to finish in April 2027.

This £8 million investment will deliver a modern wastewater pumping station and new sewer pipelines, linking the Lenamore area to the existing network on Madams Bank Road. Once complete, it will provide capacity to support new housing in the area and help protect the local environment. The scheme is part of a wider planned NI Water investment which will ultimately support the development of thousands of new homes in Derry city.

Over the past few months the team has reached some important milestones, both on the pipelines and at the pumping station site off Heather Road.

This update outlines the work carried out to date, what's currently happening on site and provides a brief lookahead of site activities as the project moves into its final stages.

Programme

Start date:
August 2025

Completion:
April 2027



Progress so far

The pipelines – to link the new pumping station with the existing network on Madams Bank Road (i.e. the Culmore Trunk Sewer) - are now almost complete with all work on public roads and road crossings finished.

At Culmore Roundabout, Ballyarnett Roundabout and Glengalliagh Road, the team used directional drilling methods of pipelaying, which pushed the new sewers underground without digging open trenches. This helped to minimise disruption and keep traffic moving on some of the area's busiest roads.

The final pipe connections are now being made inside the site compound at Heather Road and on the grass verges beside Ballyarnett Roundabout. At Boom Hall, pipelaying and ground reinstatement have been completed.

At Heather Road, the pumping station's main underground structure, known as the shaft is finished. The shaft sits 9m below ground and is 12m wide. It can hold 330,000 litres of wastewater which would fill over 1,300 wheelie bins! Now that the shaft is complete the team has moved on to installing the pumps, electrical panels and control equipment that will operate the pumping station.



Photo of underground shaft (tank) during construction.

Looking after our community and environment

The team is committed to reducing its impact on both neighbours and the local environment.



The main Lenamore site has been active for more than 400 days without a single environmental incident, thanks to a range of measures, including:

- Noise and vibration are monitored during noisier activities such as piling, and all readings so far have been within recommended environmental standards.
- Acoustic barriers are in place around the site perimeter facing the nearest homes.
- Site lighting is on timers, switching off in the evening until staff return the next morning.
- A local road sweeper cleans Heather Road every Friday, and lorry wheels are power washed in wetter weather before going back onto the road.
- Bird feeders have been put up on site, and small birds have continued to visit despite the works.
- Fuel use is monitored for all machinery and generators, with spill kits placed around the site.
- Planters - made from excess timber and soil from the site - were planted out with flowers by BSG and donated to Galliagh Nursery School.

Opening doors for our young people

Earlier this year, the Lenamore project team welcomed students from North West Regional College, along with students, graduates and apprentices from NI Water, Arup, McAdam Design and BSG Civil Engineering to the site at Heather Road.



The visit gave the young people a close-up look at one of the most important stages of the project. Standing beside the newly built shaft, they saw how the large circular concrete structure has been constructed deep below ground, supported by a ring of steel sheet piles and a reusable bracing (supporting) system. The site team explained how the pumping station will work once complete, and during the visit they highlighted the wide range of careers available in the industry, from engineering and design to site management.

We hope visits like this encourage more young people to consider a future in construction and engineering.



A total of

53,500

man hours worked to date

Making a difference beyond the site

The team has been supporting causes both close to home and further afield, including Foyle Hospice, St. Vincent de Paul, Samaritans, Trócaire and WaterAid. Most recently, the team got behind the 'Run for Marty' event on 11th October with a donation being made to Foyle Hospice.

By only flushing the

3Ps – Pee, Poo & Paper

you can help keep the new wastewater network flowing and blockage free.

Project lookahead

The next stage at Lenamore Wastewater Pumping Station will focus on completing the mechanical and electrical installation and progressing the site towards testing and commissioning.

These works are essential to install and connect the equipment needed to safely operate and control the new pumping station.

Over the coming weeks, work within the pumping station will include the installation of flooring, pumps and the booster set. Electrical works will continue alongside these activities, including site lighting, instrumentation and installation of the permanent standby generator.

The remaining pipeline works within the pumping station site will also progress. These include completing the rising main connection, followed by construction of the overflow pipeline, associated manholes and connection to the existing culvert. Some short-term sheet piling will be required for this work to support deep excavations and allow pipes to be installed safely. Additional acoustic barriers will be used to help minimise noise.

THANKS TO OUR SUPPLY CHAIN

Our contractor, BSG is pleased to employ local subcontractors and suppliers where possible.

THANKS TO THE FOLLOWING COMPANIES WHO HAVE HELPED PROGRESS THE WORK AT LENAMORE:

Company	Work
Bradley and Company	Civil Sub-Contractor
Phace Contracts	Civil Sub-Contractor
MARCOR	Reinforced Concrete Sub-Contractor
Northstone	Concrete
W&J Chambers	Concrete (non-structural)
Ardstraw Quarries	Stone
Kane Fencing	Fencing
Skeoge Plant and Haulage	Muck away and Haulage
FP McCann	Precast Concrete
Opto-Safe	CCTV
Bradley Utilities (Excavac)	Vacuum Excavation
Class One Traffic Management	Traffic Management
Gahan and Long	Archaeological Monitoring
Taylor and Boyd	Pre Conditional Surveys at Lenamore
Pulse Security	Security
Castle Engineering	Hiab Hire and Haulage
M.R Concrete	Concrete Pump Hire
P Woods and Son	Stone
Murdock's Builders Merchants	Local Hardware

Considerate Constructors Scheme

CONSIDERATE CONSTRUCTORS SCHEME

This site is registered with the Considerate Constructors Scheme (CCS) which focuses on respect for the community, care for the environment and value for the workforce. BSG, alongside the wider project team, will continue to promote the values of the CCS scheme throughout the project.

Customer feedback is very important to BSG. Please scan the QR code to complete a short questionnaire.



Delivery Team

niwater Delivering what matters

ARUP

BSG ENGINEERING EXCELLENCE

STAY SAFE, PLAY SAFE

With darker evenings now upon us, we would like to remind residents that construction sites are dangerous areas for unauthorised persons, especially children, and we would appreciate your cooperation in ensuring children do not play in or around the works or machinery.

HERE ARE A FEW TIPS TO STAY SAFE:

Don't climb on barriers and fences – these safety measures are there to protect you from serious injury and accidents when NI Water construction work is going on.

Stay away from trenches and open manholes - they are dirty, deep and dangerous. They may also contain hazardous gases.

Be careful near roads - never run out from behind parked vans or lorries as you could be knocked down and injured.

Keep clear of equipment - you may see diggers, lorries, pipes and other equipment, but don't be tempted - steer clear and don't touch!

Obey 'Danger' signs - reservoirs and treatment works can be very dangerous places, so stay well away and always obey the warning signs.