

## Issue 20

## February 2019

Welcome to the latest issue of Your Flood Update – a regular bulletin keeping you up to date with the £1.5million scheme to reduce the risk of flooding in the Monkseaton, Murton, Shiremoor and Wellfield areas.

The project is being delivered for North Tyneside Council by its partner Capita. Both organisations are members of North Tyneside Surface Water and Drainage Partnership, which aims to help improve how the borough prepares for and deals with future flooding incidents.

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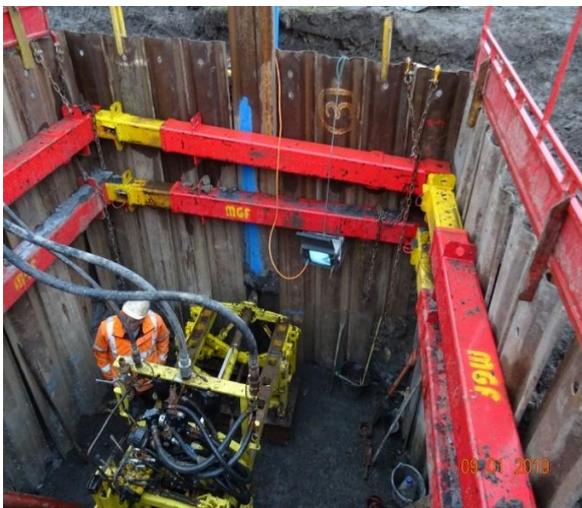
The first two phases of the flood alleviation scheme are complete. Phase one led to the creation of three large dry storage basins, together with improved drainage ditches on fields to the south of the Metro line and the west of Fairfield Green.

Phase two saw the construction of a large dry storage basin in fields to the north of the Metro line and to the west of Wellfield.

Phase three involves the construction of a 4,500 cubic metre capacity dry storage basin in the field just to the west of Briar Vale.

## Progress

The construction team has finished digging the 4,500 cubic metre basin, and minor works to reinforce the basin are complete.



The basin's surface water outlet is now connected to the existing Northumbrian Water sewer beneath Rake Lane.

A specialist auger boring machine (pictured left) was used to install the pipeline, which connects the dry storage basin to Northumbrian Water's sewer.

The storage basin has a restricted outlet, so it will fill up during heavy rainfall and slowly empty via the new drain connected to the sewer.

Currently, the workforce is removing fencing and reinstating the land where the temporary haul route was established.

Temporary two-way off-peak traffic signals will be in operation intermittently on Rake Lane to allow for materials/equipment to be removed from the site.

The works are on schedule to reach completion by mid-February, when the footpath/cycleway on Rake Lane will be reopened to the public (w/c February 11).

In spring, the team will return to the site to seed the area around the basin with a wildflower mix.

## Summary

The Flood Alleviation Scheme has increased flood protection for hundreds of homes in the Monkseaton, Murton, Shiremoor and Wellfield areas.

The first phase of the project involved the creation of three large dry storage basins, together with improved drainage ditches, on fields to the south of the Metro line and the west of Fairfield Green.

In phase two, the capacity of a naturally-occurring flood plain was increased to around 7,000 cubic metres to provide better protection to Wellfield residents.

And finally, a 4,500 cubic metre dry basin was excavated in the field to the west of Briar Vale. The basin was then connected to the existing drainage system beneath Rake Lane.

We plan to make this e-bulletin the last issue in our regular series of updates. We hope you found them informative.

We thank you for your cooperation during the delivery of this project. If you have any queries, please email: [surfacewatermanagement@northtyneside.gov.uk](mailto:surfacewatermanagement@northtyneside.gov.uk) or Tel: 0191 643 6500.

