

Meadow Lane Wastewater Pumping Station Upgrade

A £7.8m investment by NI Water that will support local development and deliver environmental benefits.

Progress Update Summer 2023

Ahead of the summer break, NI Water would like to provide you with an overview on progress and give a brief lookahead to what will be happening on the Meadow Lane Wastewater Pumping Station (WwPS) project in the coming months.

Our appointed contractor, BSG Civil Engineering, is continuing to make good progress on site. Enabling works - including service diversions - for the upgrade at Meadow Lane WwPS are now complete with work continuing at various locations to support the tunnelling works which are due to commence in Autumn.



New link road created

Enabling works: The new link road from Meadow East Car Park to Pleasure Gardens Play Park and the bowling green was made operational in early May ahead of work commencing on the new 20m diameter secant piled underground tank and WwPS. The aerial photo shows early preparation works for the piling works on the new WwPS and stormwater tank within the footprint of the previous access road. The access road will be reinstated following all upgrade works. NIE cable diversions, large diameter sewer diversions and the modification and relocation of gates at the Meadows Shopping Centre are some of the other enabling works that have been carried out to date.

Preparations for the tunnelling works have got underway, with an area of council-owned land fenced off behind the Meadows Shopping Centre to create one of the strategic tunnelling launch pits. A further update on tunnelling works will be provided before this element of work gets underway.

Tunnelling works

The Meadow Lane WwPS construction site will close on the 7th July and reopen on 24th July 2023.

Project lookahead

When the team return to site, construction efforts will focus on the piling works for the underground stormwater storage tank and new WwPS. A number of concrete deliveries will be required to complete this section of work. The stormwater tank will be 8.65m deep and will be capable of holding 1,500,000 litres of stormwater to provide better protection to the environment. An upgrade to the existing pipework between the WwPS and the river is also required. A temporary path diversion will be in place during this work to maintain access for pedestrians and cyclists.

Benefits

The project team wish to thank businesses, residents and other stakeholders for their continued support as we progress this essential wastewater infrastructure upgrade. If you have any queries regarding the Meadow Lane WwPS project, please contact Waterline on 03457 440088 or email waterline@niwater.com

When complete, this £7.8m NI Water investment will reduce the risk of out-of-sewer flooding; support local development and deliver extensive environmental improvements in the area.