

Our plans to help improve bathing waters in Morecambe



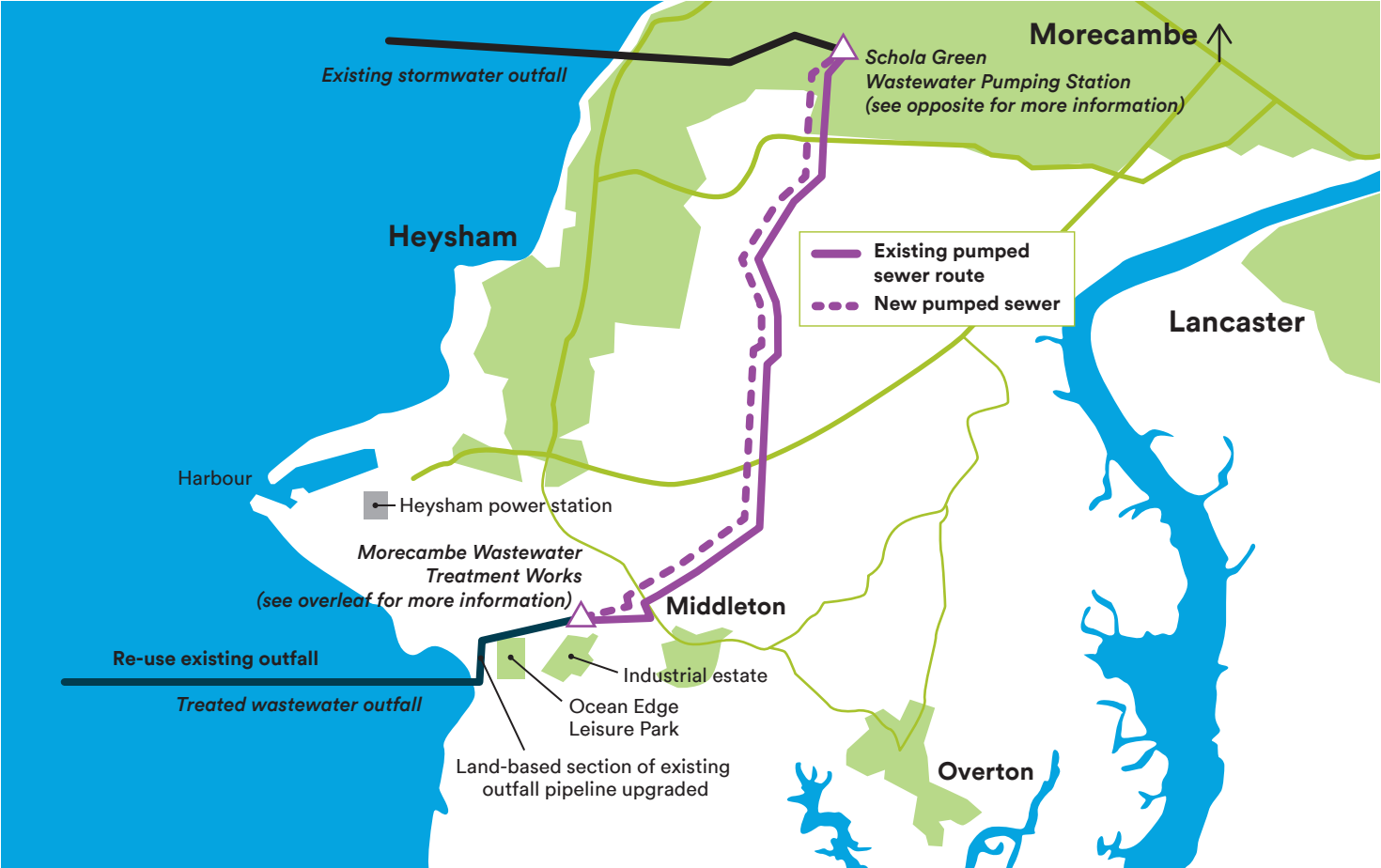
A wide-angle photograph of a coastal town. In the foreground, there is a sandy beach with several large, grey, jagged rocks scattered across it. A white plastic bag is visible among the rocks. The middle ground shows a wide, sandy beach leading to a calm sea. In the background, a row of buildings, including a prominent red brick tower, forms the town's skyline under a clear sky.

Over the past 20 years we've been playing our part to improve coastal waters in the North West. Since 2006 we've invested over £200 million to improve the North West coast, helping to keep the beaches and sea clean for visitors, wildlife and the community.

Working together with the Environment Agency and local authorities we're proud to be doing our bit to improve our sewer systems across the region. We're improving treatment works, building underground storm water storage tanks and new outfalls which have all helped to reduce river and sea pollution across the North West. But there's still lots more work to do.

Works in the Morecambe area are expected to start Spring 2017. In this leaflet we'll tell you all about our current plans and will ensure we keep you updated as these plans progress.

Our wastewater infrastructure



Why do we need to carry out this work?

The EU bathing water standards changed in 2015, and we need to make sure that the coastal waters of Morecambe Bay comply with these tighter regulations. As one of a number of contributors to the quality of Morecambe's bathing waters, we need to make some changes to the sewer network to reduce how often storm water spills from the sewers into the sea.

We'll do this through a combination of storing more stormwater during periods of heavy rainfall and increasing the throughput of the treatment works with a new pipeline and process units at the works in Middleton.

Schola Green Pumping Station

To make sure we meet these bathing water standards we need to do some major works at Schola Green Pumping Station. This will involve:

- building 2 large stormwater storage tanks that will hold 10,000m³ and 19,000m³ respectively
- installation of additional pumps for the new transfer pipeline
- installing a new pumped sewer (rising main) along generally the same route as the existing sewer from Schola Green pumping station to Morecambe WwTW, this will cross underneath the railway line, run around Morecambe FC ground, along Westcliffe Drive before passing through fields to the WwTW site
- temporarily taking a section of the adjacent field to use as a compound for site cabins and storage, however the play area and footpath will remain open during our work

**New pumped sewer
(Rising main) to
Morecambe WwTW**

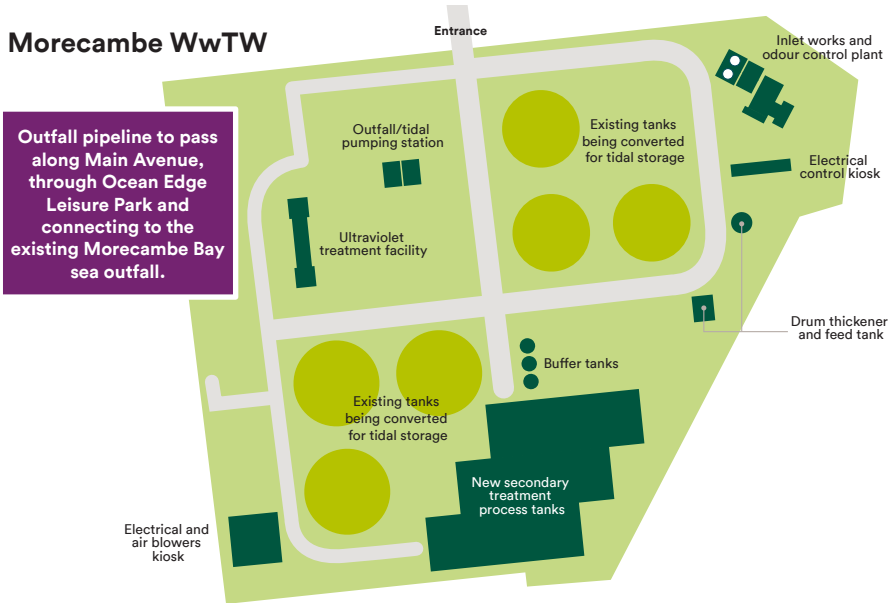


Morecambe Wastewater Treatment Works

Morecambe wastewater treatment works was built in the 1990's. To cope with the future population growth in Morecambe and to meet the new bathing water standards, we are upgrading the treatment works to increase its capacity. This work will include:

- building a new inlet works with screening facility
- upgrading the treatment process to the latest technology and standards
- converting some of the existing tanks to tidal storage, this will allow treated water to be discharged through the outfall pipe during outgoing high tides only
- building a new thickening plant and upgrading the electricity supply as part of the upgraded treatment process
- some minor changes to the fence line once we're finished (all work will be within the existing fence line)

Morecambe WwTW





lovemybeach.org

We're part of the LOVEmyBEACH campaign, a partnership of organisations working together to keep our local beaches and bathing waters clean. You don't have to live by the sea to make a difference – wherever you live, work or visit in the North West, please support LOVEmyBEACH.

We're playing our part, here are a few ways that you can help too.

Think before you flush - Remember our simple rule to only flush the 3 Ps: Pee, Poo and Paper.

Think before you pour - Don't pour kitchen fats, oils and grease down the sink as they can cause sewer blockages which can overflow into the sea.

Pick up your dog's poo - Please put it in a bin.

Come along to a beach clean - head to 'Events' on our website to find out where and when your next local beach clean is.

To find out more ways to help, please visit lovemybeach.org

Still have a question?

You can call us on **0345 672 3723** quoting project number **80040093**
We'll be happy to help.

