



## We're upgrading Beckton Sewage Treatment Works

### Why are you upgrading the works?

Beckton Sewage Treatment Works (STW) is the UK's largest STW built in 1864. The works currently treats sewage for approximately 4 million customers. Our last upgrade to Beckton STW was in 2014, and since then, the population we serve has grown and will continue to increase into the future.

We plan to upgrade the site to ensure it can treat the sewage of up to 4.4 million customers and accommodate flows from the Thames Tideway Tunnel, which is due for completion in 2024. This will ensure that we can manage the increase in demand and make sure wastewater continues to be cleaned to the highest standards before it re-enters the River Thames.

### What work are you doing?

We consulted local customers about the project in 2019. Our work onsite has now been granted planning permission by London Borough of Newham.

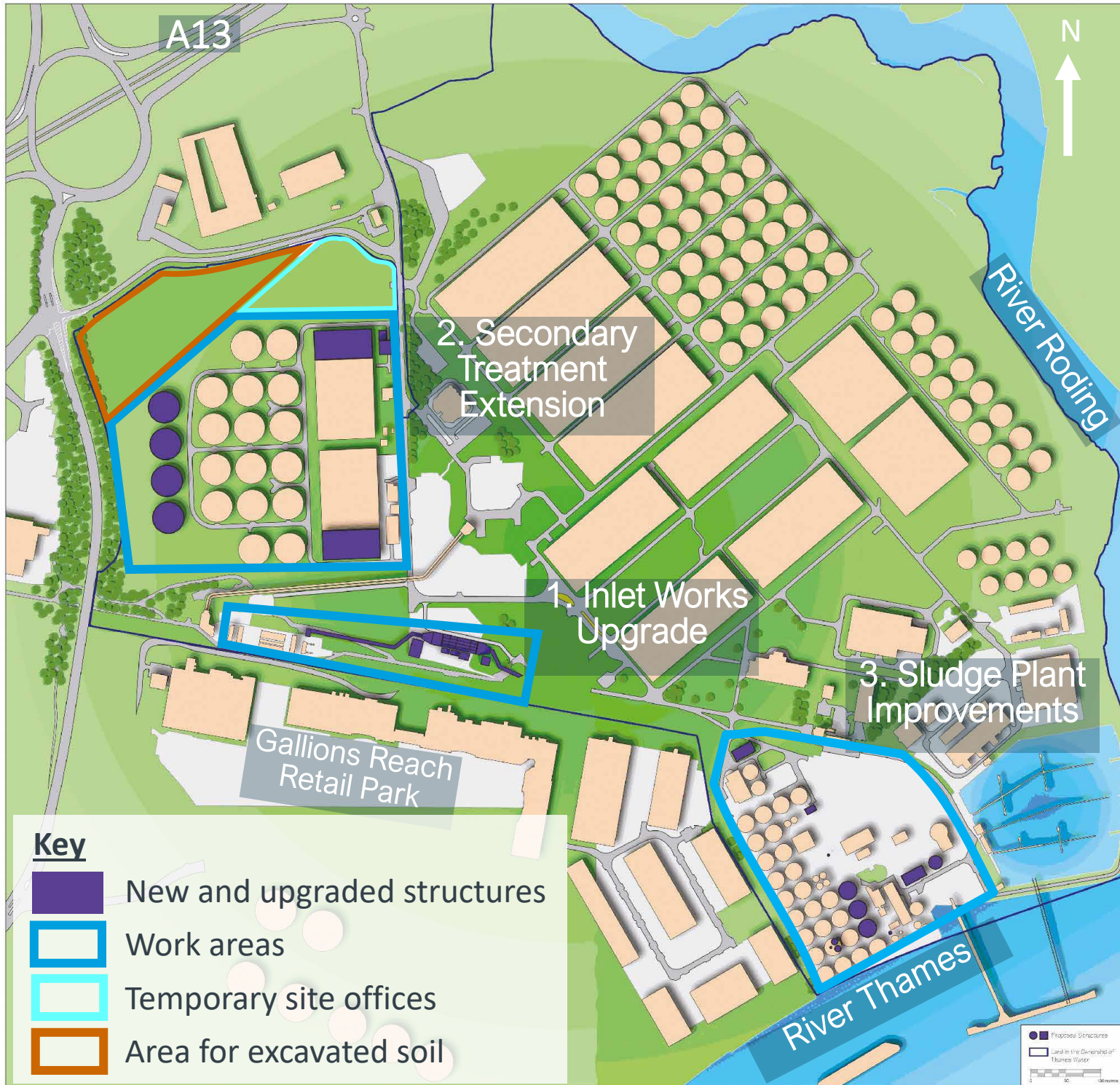
As part of the upgrade, over the next 3 years, we're:

- upgrading the existing inlet works and building an additional new inlet works with three lanes to help remove more solids, grit and other debris from wastewater. Shown as (1) on the map.
- expanding our secondary treatment capacity, with two additional aeration lanes and four new final tanks. (2)
- improving our sludge holding and treatment capacity onsite. (3)

### What do these areas of site usually do?

1. Inlet works: This is where we use sieve-like screens to remove grit and large solids from the wastewater.
2. Secondary treatment extension: This part of the process removes harmful substances and small particles from the water.
3. Sludge plant improvements: Once the solids have been removed, they go to the sludge treatment works and are used to produce energy for the site.

## Where we'll be working



The **areas of work** include new tanks and buildings being built (purple) and temporary site offices (light blue) and an area to deposit excavated soil (brown) from the work.

## Where and when are you working?

We've been working with our construction partners and contractors on the designs and have undertaken some initial planning work onsite. We now expect construction to start from March 2021. We're expecting all construction to be completed by the end of March 2023. We'll be upgrading the following areas throughout the project:

**Secondary treatment:** We'll extend our secondary treatment plant. This work will take place in the eastern part of the works close to the A1020.

**Construction compound:** We'll create a temporary contractors compound on land adjacent to Eric Clarke Lane (north of the secondary treatment area). We'll also be moving soil from our works, to the area west of these offices. We'll restore these to a landscaped area upon completion of the project.

**Inlet works:** Modifications of the inlet works will take place in the South West part of the site, near to Gallions Reach Retail Park.

**Sludge plant improvements:** Construction work on the sludge plant improvements will take place at the southern part of the site where it meets the River Thames.

## Will this work impact my service from you?

No, our site will continue to function as usual, and we'll work around existing processes onsite to provide your wastewater services as normal.

In the long term, this investment will help us keep these services flowing smoothly for the future.

## Will this work impact me?

All of our work will be within the site boundary. The majority of the work will be away from customer-facing boundaries of the site.

Our new inlet works to the south of the site are the closest to properties and businesses and the existing inlet works will continue to operate as normal. However, we don't expect our work to affect any of our customers.

There may also be some increased site traffic into the site and along Eric Clarke Lane. We'll manage this via the A14 and Jenkins Lane to make sure there's minimal impact on you.

## Can I find out more?

We'll write to you to update you with any changes to our work. If you have a question and cannot find the information on [our website](#), you can reach us using the contact details below.

## Get in touch

Call us and quote reference number  
BB974867:  
0800 316 9800