

Spring 2023

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Tideway

RIVER TIMES

YOUR UPDATE ON LONDON'S SUPER SEWER





Tideway



**MORGAN
SINDALL**

Balfour Beatty

This is the latest issue of Tideway's community newsletter, produced especially for our neighbours in the west section of the project.

This newsletter features up-to-date news on our events, our progress and other exciting things happening in your area.

GET IN TOUCH

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WELCOME MESSAGE FROM SALLY COX

Welcome to the latest edition of River Times, your update on London's Super Sewer.

Work on this vital new infrastructure, which will tackle the problem of sewage pollution of the River Thames, has been progressing well and is due to be completed in 2025.

Work at all of our sites in this part of London have been progressing at pace – for example at our site in Putney we've been busy working to create the new riverside public space that will be left behind when our works are complete. This will be open to the public later this year.

Our work at Barn Elms is also getting close to completion and you can read more in this update about a new giant 'bug hotel' that has been created at the site to encourage biodiversity.

Another recent milestone was the completion of the 'secondary lining' of the new sewer tunnel, which will give it durability to ensure it can protect the Thames for many generations to come.

On page 7 you'll learn about some new green initiatives that Tideway have supported in your area, including The Pollinator Corridor Planting - a planting project in Putney.

I hope you enjoy reading this update. As ever, we would love to hear your feedback and comments so do get in touch and let us know what you think!

Sally Cox

Project Director

ABOUT US

London relies on a 150-year-old sewer system built for a population less than half its current size.

As a result, tens of millions of tonnes of raw sewage overflow the system each year and end up in the River Thames.

That's where we come in...

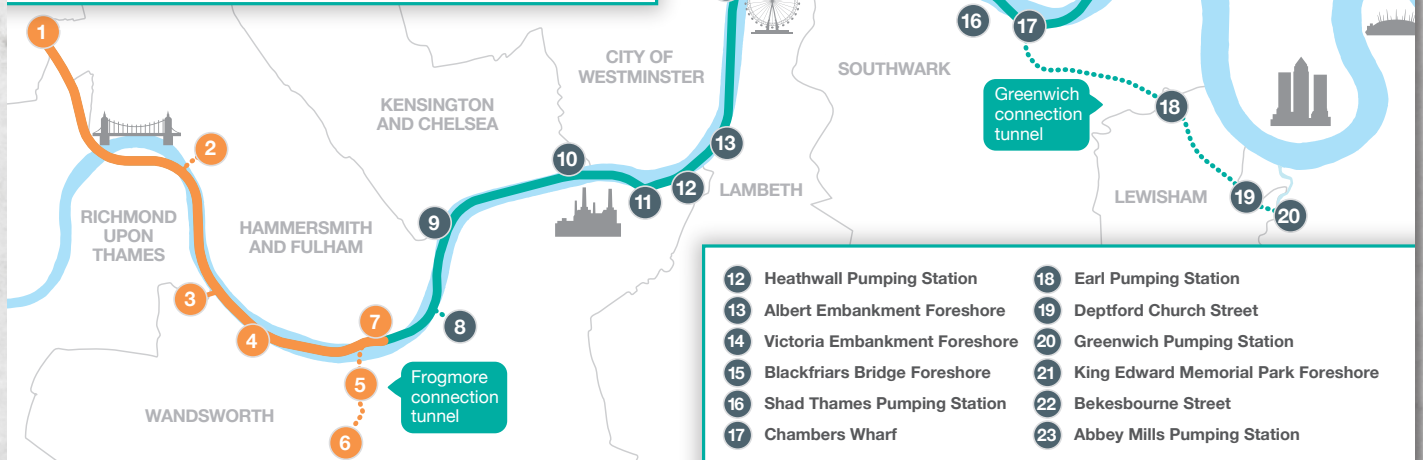
We're building a 25km 'super sewer' under the Thames to intercept those nasty spills and clean up our river.

The project has provided thousands of new jobs, and is also creating new public spaces along the riverside for Londoners to enjoy.



TIDEWAY ROUTE MAP

- | | |
|-------------------------------|---------------------------------|
| 1 Acton Storm Tanks | 7 Carnwath Road Riverside |
| 2 Hammersmith Pumping Station | 8 Falconbrook Pumping Station |
| 3 Barn Elms | 9 Cremorne Wharf Depot |
| 4 Putney Embankment Foreshore | 10 Chelsea Embankment Foreshore |
| 5 Dormay Street | 11 Kirtling Street |
| 6 King George's Park | |





SHAFT ROOF BEAMS 'CAP OFF' MORE MILESTONES

The huge shafts which range in depth from 35-65 metres, excavated across London as part of the Super Sewer project are being completed after years of construction deep underground.

At our Acton Storm Tanks site, the team has completed the installation of the precast roof beams, while work progresses on benching and other internal structures within the shaft. The cover slab which will eventually cover the shaft is also under construction. Benching is the shaped concrete at the bottom of the shaft which will safely steer sewage into the tunnel and avoid the build up of debris once the new sewer is operational.

Similarly, at our Carnwath Road site, work is progressing well on the shaft internal structures and benching.



CHECK IN ON THE NEW 'BUG HOTEL' AT BARN ELMS SITE

As works get closer to completion, new walls at our Barn Elms site have been designed to make 'bug hotels' for insects, helping to promote biodiversity.

The gabion wall façade system creates a bio-diverse wall, encouraging invertebrates and some small mammals to live there.

Bug hotels benefit lots of different types of minibeasts and insects such as ladybirds, bees, spiders and woodlice.

Minibeasts can then use our bug hotels as a safe space to shelter, lay their eggs, raise their young, and seek refuge from predators.



LOCAL NEWS

SECONDARY LINING COMPLETED



The secondary lining on the 7km western section of London's new Super Sewer has been completed, marking a significant milestone for the project.

Secondary lining, which is a 'second skin' for the sewer tunnel, is required to provide strength to the new sewer and to create a smooth surface over which flows will travel once the tunnel is operational.

Primary lining is created by placing precast concrete segments into place to form a 'ring'; but secondary lining is poured wet, in situ, around a huge machine called a 'shutter'.

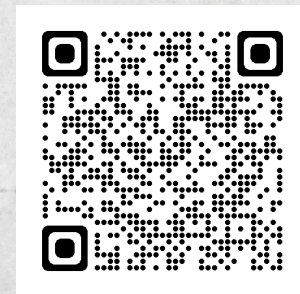
The secondary lining works in the western section started in March 2021 and have required more than 800 individual concrete pours to make the journey from Acton to Fulham.



THE STORY OF TUNNELLING

On the latest episode of Tunnel Vision, our YouTube series going behind the scenes on the Tideway project, we tell the tunnelling story from start to finish.

How did we dig the Super Sewer? Why did we need so many giant tunnelling machines? Find out by **scanning the QR code** below and watching the full episode.



NEWS IN BRIEF



In a new two-part BBC Two documentary, Paul Whitehouse travels around England and Wales to explore why rivers and waterways are in decline and what needs to be done to protect them. In episode two, Paul visits Tideway's Greenwich Pumping Station site to learn about the Super Sewer and see what we're doing to clean up the River Thames. You can watch 'Paul Whitehouse: Our Troubled Rivers' on BBC iPlayer.

DID YOU KNOW?

Tideway has used the River Thames to transport construction materials and excavated waste where possible. Tideway's approach of swapping lorries for barges has meant lower greenhouse gas emissions, reduced traffic congestion and a lower risk of road traffic accidents.

These benefits and many others in the areas of environment, employment and health and safety are detailed in a new social impact report of the Tideway project. **Scan the QR** code to read the full report.



TIDEWAY NEWS

NEW CHARITY PARTNERS



Tideway has recently teamed up with two charities to support through a charity partnership to the end of 2024.

The Felix Project and Time & Talents both topped a staff poll and will now benefit from staff fundraising, volunteering and other support.

The Felix Project, based across London, collects fresh, nutritious food that cannot be sold and delivers this surplus to charities and schools so they can provide healthy meals and help the most vulnerable in our society.

And Time & Talents is a community organisation supporting the young and old in and around East London with its two community centres bringing people together for mutual support, fun and friendship.

Tideway's previous staff charity partners were South London Cares, Single Homeless Project and Drive Forward Foundation – and in five years more than £135,000 was donated and more than 1,400 hours volunteered for them.

To find out more about Tideway's new charity partners, you can visit their websites below:

www.thefelixproject.org www.timeandtalents.org.uk

EXCAVATED TUNNELLING SPOIL BEING REUSED TO CREATE HABITAT FOR BIRDS

Spoil excavated from the Super Sewer project is being used to create what is thought to be the largest habitat creation scheme inside the M25.

The site in Rainham, which is owned by the RSPB and managed by the Port of London Authority and its contractor Land & Water, is already home to a number of bird species, including lapwing, little ringed plover and red shank.

Thanks to the clay excavated from West London and chalk excavated from East London, the site is now undergoing a 'green transformation'.

The clay is being used to create an impermeable layer to retain water in new lakes while the chalk is being used to create a varied landscape at the site.

Learn all about the new nature reserve by **scanning the QR code** and watching our Tunnel Vision episode:



SUPPORT FOR MORE 'CLEAN AND GREEN' INITIATIVES

An additional 36 London-based projects designed to 'clean and green' the city have been given the go-ahead following a new funding commitment from Tideway.

Last year, Tideway and other supporters awarded funding to 27 community-led initiatives as part of Groundwork London's 'Our Space Award' – and such was the success of the programme, Tideway is extending its support into 2023/24.

The new round of funding supports initiatives in west London like The Pollinator Corridor Planting - a project in Putney set to improve a 1.5km stretch of cycle/pedestrian path and road, plugging the gap for pollinators in this part of the borough as

well as involving the local community through community planting days.



LEAVING A STRONG COMMUNITY LEGACY

Tideway has supported local organisations since the start of the project through its community investment programme.

Here are some local initiatives in your area:

Sands End Arts & Community Centre, Fulham

Tideway supported the rebuild of this community centre, which reopened in 2022. The award-winning sustainable building has a main hall and function rooms providing a wide range of activities and events. It also has a community café which is open daily. Cllr Stephen Cowan, Leader of Hammersmith & Fulham Council, said: "I'm really pleased the new centre is already becoming a destination spot and adding to our residents' quality of life."

You can find the Centre in South Park on Peterborough Road in Fulham.



Acton Scout Hut



This local facility is used by about 1,750 people a year and our Acton site team were keen to help in the refurbishment of the building. The upgrades included a repaired roof, new toilet facilities and flooring. The site team also supported through careers sessions on construction and engineering.

The Scouts County Leader said: "Tideway have just helped the next generation of Acton to continue to attend a Scouts' hut where they will learn new skills for life."

Wandsworth Community Fund

We launched a fund in 2021 with support from Wandsworth Council which helped five charities deliver programmes supporting young people, families and vulnerable groups across the borough. They included Bags of Taste, a social enterprise which helps people in poverty to achieve an improved and healthier diet on a low budget. Cllr Kim Caddy of Wandsworth Council said: "We were delighted to support Tideway in developing this fund. This will make a real difference to local communities in Wandsworth."



Hurlingham Academy, Fulham



Tideway contractor BMB funded a DEC (Design Engineer Construct) teacher at the school for two years to help encourage students to think about a career in engineering, as part of the Class of Your Own 'Adopt a School' programme. BMB volunteers also delivered a number of workshops. Emily Sharp, the teacher delivering the DEC syllabus, said: "The kids will come out of it with a much better idea of what kind of roles there are in construction. The support from the engineers is invaluable, their real-life experiences really do inspire."

For more information about Tideway, our language interpretation service or for Braille and large print:

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#SuperSewer



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