

Spring 2022

BARNES • FULHAM • HAMMERSMITH • PUTNEY • WANDSWORTH



Tideway

RIVER TIMES

YOUR UPDATE ON LONDON'S SUPER SEWER

*Tunnel taking shape
beneath Fulham*

Page 4





Tideway



**MORGAN
SINDALL**

Balfour Beatty

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

This newsletter will feature 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 Spring 2022 edition of River Times – your update on the 25km super sewer currently being built beneath London.

My name is Sally Cox, and I am the Project Director leading the team constructing the west section of the new tunnel. My role is to ensure we, as a team, safely deliver a functioning sewer.

In the west we are currently 80% complete. Each of our seven work sites is at very different stages of construction with our teams continuing to deliver the complex infrastructure needed for the unique Thames Tideway Tunnel project.

For our team at Carnwath Road Riverside the current focus is the secondary lining to the western section of the main tunnel. We are adding a second layer of concrete to the tunnel ensuring its design life for the next 120 years. This will be ongoing throughout this year. Read more on page 4.

And at the end of last year, we achieved a key milestone with the completion of our works to the Frogmore Connection Tunnel. The 1.1km-long tunnel links Wandsworth with the main tunnel. Read more about this achievement on page 4. Elsewhere, you can read about the landscaping works at King Georges Park, including the planting of new trees on page 5.

And finally, on page 7, I'm delighted to be able to report on the opening of the Sands End Art and Community Centre. This is a key part of our investment in the local area and we're certain this will be a wonderful asset for the community.

Sally Cox
Project Director

ABOUT US

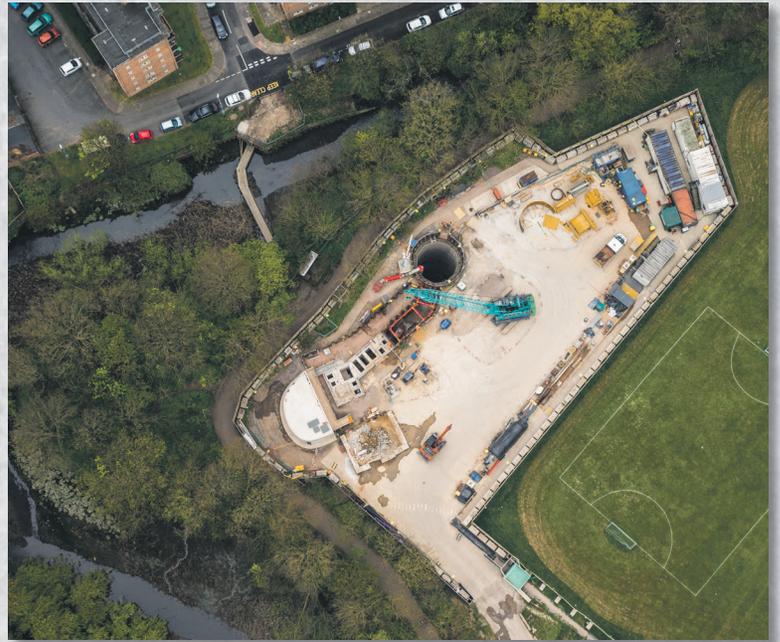
London relies on a 150-year-old sewer system built for a population less than half its current size.

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...

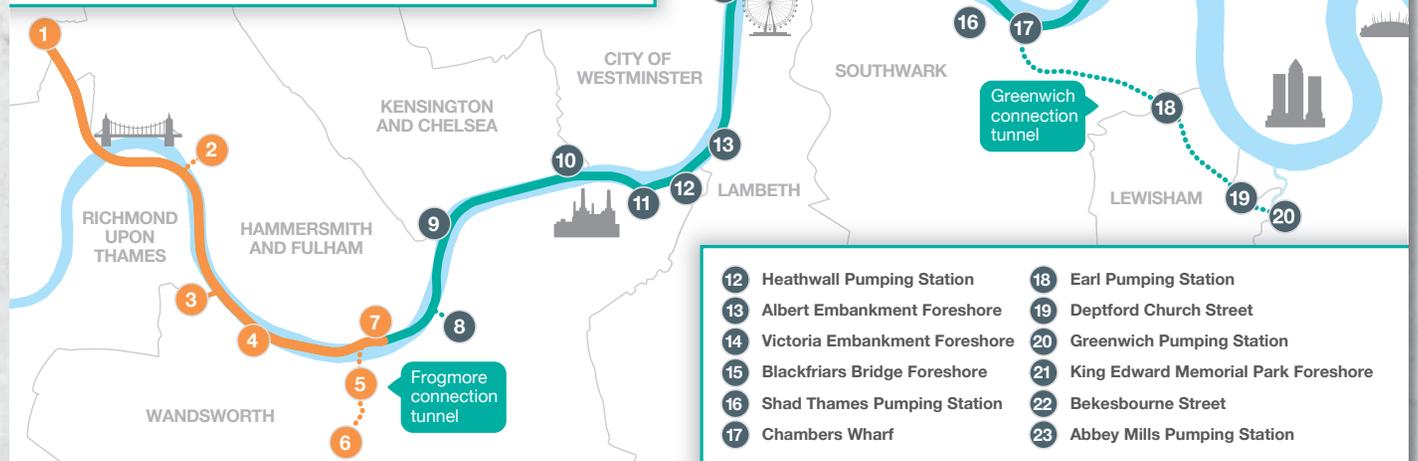
We're building a 25km 'super sewer' under the Thames to intercept those nasty spills and clean up our river.

The project will also bring thousands of new jobs, as well as new public space, creating a better environment for Londoners.



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 | |





SECONDARY LINING UPDATE FROM FULHAM SITE

The teams at Carnwath Road creating the super sewer's secondary lining are making great progress in the two westernmost sections of the tunnel.

Two sections of the main tunnel (between Acton and Fulham; and between Fulham and Battersea) are fully excavated with a primary segmental lining in place, but now need a secondary concrete lining.

This creates added strength as well as a smooth surface over which the sewage will flow once the tunnel is operational in 2025.

Secondary lining for the Acton-Fulham stretch is around a third complete, while the Fulham-Battersea section (pictured, right) is around two-fifths complete.



FIRST MAJOR TUNNEL ON TIDEWAY COMPLETE

A connection tunnel linking Wandsworth to the main super sewer is now fully complete, marking an important milestone for the Tideway team in west London.



The 1.1km tunnel – known as the Frogmore Connection Tunnel – was excavated in two separate drives between 2019 and 2020, by a three-metre-wide tunnel boring machine (TBM) called Charlotte.

After excavation was complete between King George's Park and Carnwath Road, the team set about secondary lining the tunnel – but had to pause work after the pandemic hit.

Then in June last year, the team finished the secondary lining.

Now, the tunnel is fully complete and ready to play its role in cleaning up the River Thames once the super sewer is in operation in a few years' time.

LOCAL NEWS

BARN ELMS FEATURED IN BBC DOC, 'DIGGING FOR BRITAIN'

Iron Age finds unearthed in an archaeological dig at Tideway's Barn Elms site in south-west London have appeared in an episode of BBC's *Digging for Britain*.

Teams from Tideway and the Museum of London Archaeology uncovered large postholes – showing that there was once a “massive structure”, likely a roundhouse, on the site – as well as iron slag, evidence of a “bustling community with a thriving iron-working industry.”

The teams also found a coin (pictured, inset) still bearing the manufacturer's tabs, suggesting an Iron Age mint could have been located on the site.

Tideway archaeologist Jack Russell told the show: “The River Thames has always thrown up a lot of finds from that period, but no one really knew where the people who were putting those things in there were living.”

Series 9, episode 2 of the show is available to watch now on the BBC iPlayer.



FINAL LANDSCAPING UNDERWAY AT KING GEORGE'S PARK

The team working at Tideway's site at King George's Park in Wandsworth continues to plant the trees that will form the final landscaping of the site.

Planting on the south side of the site has now been completed, while the associated backfilling and contouring work is continuing.

Tideway's work at King George's Park is designed to intercept the Frogmore and Buckhold Road sewer overflow points – which is responsible for spilling more than 85,000m³ of sewage into the Thames in an average year.

But the park was also the site at which tunnel boring machine Charlotte completed the southern section of a 1.1km connection tunnel linking Wandsworth to the main super sewer.



NEWS IN BRIEF

28-TONNE VORTEX TUBE INSTALLED IN ACTON



A 28-tonne vortex tube designed to carry sewage flows down and into the super sewer has been installed at Tideway's site at Acton Storm Tanks. The vortex (pictured above) will 'spin' the flows to protect the bottom of the shaft from erosion.

FOCUSSED ON SUSTAINABILITY

Tideway's environmental benefits and focus on sustainability have been highly rated by S&P Global Ratings. The super sewer project has been assigned an Environmental, Social and Governance Evaluation of 76 out of 100, reflecting that "sustainability is well embedded in the company's strategic objectives and operations."

TIDEWAY NEWS



PRIZE FOR ROWING PARTNERSHIP

Tideway has won the Business Contribution Award at the London Sports Awards for the project's long-term collaboration with rowing charity, London Youth Rowing (LYR).

The award recognises the valuable role of businesses in providing sponsorship, support and resources that enable communities and sport to thrive in London.

And now, the super sewer project's long-term partnership with LYR has been recognised for the fantastic impact it has had on young people across the capital.

Tideway's partnership with LYR is now almost a decade old, and has seen the launch of a number of initiatives helping young people to get rowing.

Today, the partnership has helped more than 12,000 young people through a number of initiatives, including Row4Results, Active Row and Breaking Barriers.

Go to [tideway.london/
benefits/our-community](https://www.tideway.london/benefits/our-community)
for more information



SANDS END COMMUNITY CENTRE OPEN

A community centre in Fulham that underwent a £2m Tideway-backed restoration is now open to the public.



The Sands End Art and Community Centre closed in 2013, but with backing from Tideway and Chelsea FC, the centre was revitalised and reopened last year – however, it was unable to realise its full potential amid the pandemic.

But now, the centre's Walnut Tree Cafe is open to the public, and three community function rooms – the Lodge, the Main Hall and a third room – are available for bookings for the local community.

A number of organisations are already using the facility, including DanceWest and the Climate Change Hub.

The centre was set for a formal opening in partnership with Tideway on March 11th.

For more information, follow the centre on Twitter at @SeaccFulham.

PINK HARD HATS & CAKE SALE RAISES OVER £2,000

Pink hard hats and a cake sale at Tideway's Carnwath road site in Fulham have helped raise more than £2,000 for the charity Breast Cancer Now.

The charity provides care for anyone affected by breast cancer, and undertakes research into the disease, working closely with hospitals and patients to improve breast cancer services.

To support this important cause, the Tideway West team baked cakes and gave generously.

Many of the on-site workforce also bought and donned pink hard hats (see picture), donated by subcontractor Greenhams, to raise awareness of the fundraising efforts.



GO BEHIND THE SCENES

Tunnel Vision is an ongoing web video series from Tideway that takes a closer than ever look at the two dozen construction sites that make up the project, its amazing engineering and the people dedicated to cleaning up the River Thames.

**TUNNEL
VISION**

Watch Tunnel Vision on our
YouTube channel
[www.youtube.com/
tidewaylondon](http://www.youtube.com/tidewaylondon)



MEET THE APPRENTICE



BLISS UKUEKU

Materials Engineer Apprentice
West

What have you learned at Tideway?

In my first three months I've learned so much. I have developed an understanding of how the construction industry works, of how people come together to make sure a construction project is a success. As well as the industry knowledge, I've also learned technical aspects while being a Tideway.

What have you enjoyed about being on Tideway?

The thing I've enjoyed the most at Tideway is meeting lots of new people. There are so many people here on site and I've had the opportunity to meet a lot of funny and friendly people who have really made me feel at home – especially the people I work closely with in the lab!

What are your aspirations for the future?

I am hoping to enhance my education even further through becoming a Chartered Project Professional in the next five years. I look forward to seeing what the future holds and Tideway has given me a fantastic introduction into the industry.

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

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#SuperSewer



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