



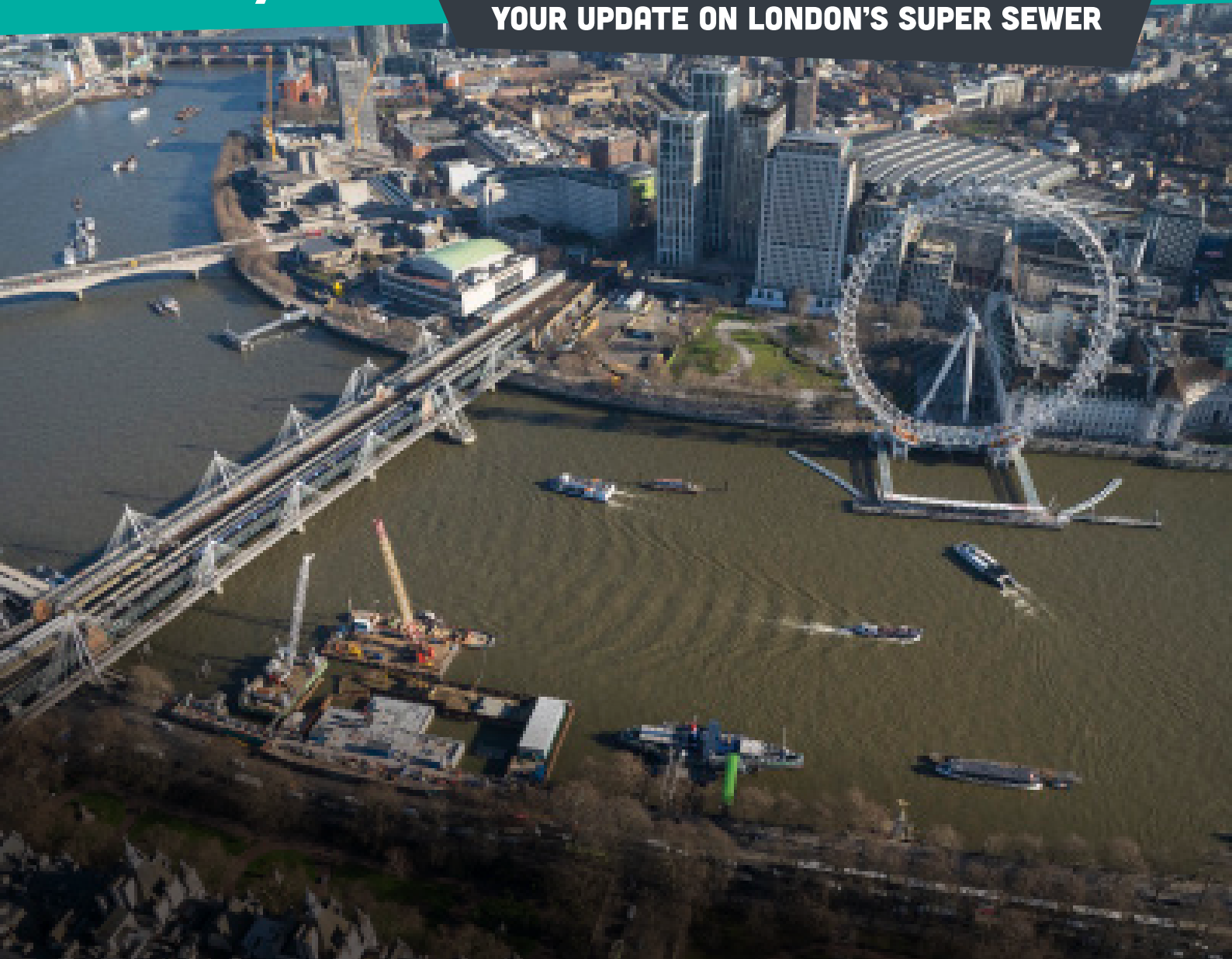
Tideway

Spring 2023

BATTERSEA • BLACKFRIARS • CHELSEA • VAUXHALL • WESTMINSTER

RIVER TIMES

YOUR UPDATE ON LONDON'S SUPER SEWER





Tideway

ferrovial
construction



This is the latest issue of Tideway's community newsletter, produced especially for our neighbours in the central 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 VIV JONES

Welcome to the latest edition of The River Times – a progress update for residents living near the Tideway Super Sewer project being undertaken to clean up the Thames.

Work on this vital new infrastructure has been progressing well and is due to be completed in 2025.

We've continued to hit major milestones. Concrete beams have started to be installed across our sites in the Central section, meaning shafts are starting to get capped off after years of construction underground. Also, bronze ventilation columns have been installed for the first time on our sites. And one of the largest temporary structures on the project was dismantled at our Kirtling Street site in Battersea. To learn more about these massive achievements, turn to pages 4 and 5.

Also included are links to Tideway's Tunnel Vision series, where you can learn about the tunnelling story from start to finish and the new nature habitats being built using spoil excavated from the tunnels. These can be found on pages 5 and 7.

Elsewhere in the edition, you can read about Tideway's new charity partners and how the partnerships will benefit people across London.

On page 7 you'll learn about some new green initiatives that Tideway have supported in your area, including the Knights Hill Wood Wildlife Project in Lambeth.

Finally, at the very end of this edition, you'll see how Tideway has been supporting local organisations near you to leave a long-lasting community legacy.

We're excited at the progress we're making as we move closer to delivering this new infrastructure for London. You can read more on what we've been up to in this update.

Viv Jones
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.

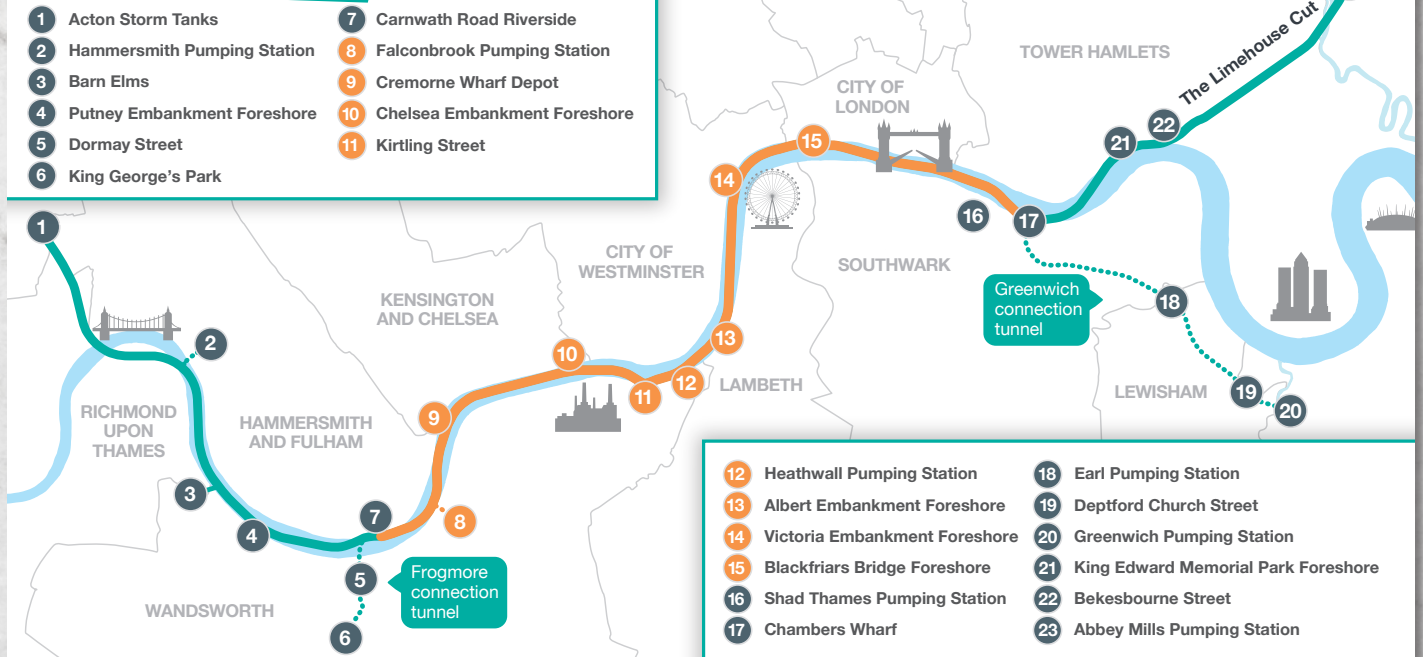
That's where we come in...

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





SHAFT ROOF BEAMS 'CAP OFF' MORE MILESTONES

Huge shafts excavated across London as part of the Super Sewer project are being completed after years of construction deep underground.

The concrete beams are currently being installed at three more sites in Battersea and Wapping which then see concrete slabs used to cap the shafts which range in depth from 35-65 metres.

The first of the six massive precast concrete cover beams were installed at our Kirtling Street site. The beams each weigh 150 tonnes and were lifted into place by crane. Close by, the roof is also nearing completion at Heathwall Pumping station.

Several of the slabs will be used to form new areas of public space along the river such as at Chelsea, Albert, and Victoria Embankments and at Blackfriars Bridge.



TWIN VENTILATION COLUMNS INSTALLED AT VICTORIA

Bronze ventilation columns have been installed for the first time on the Central section of the project.

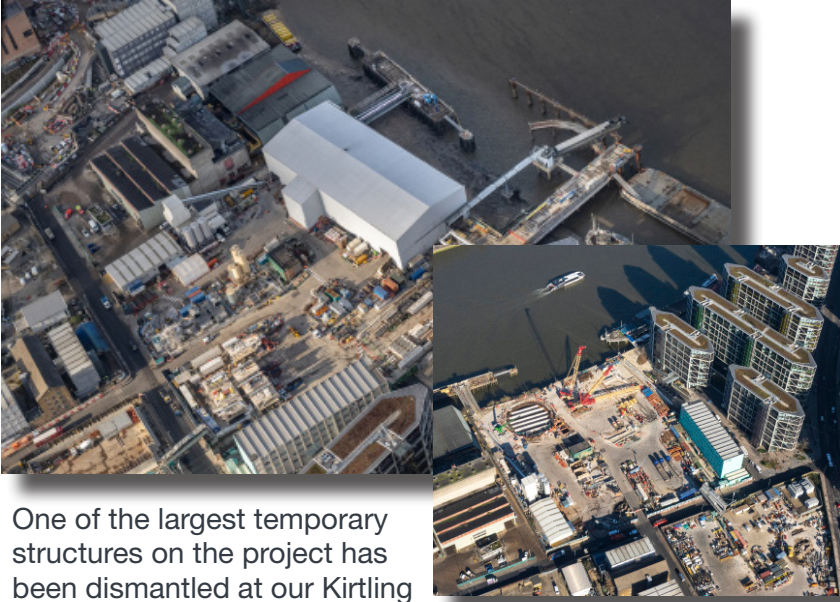
These specially designed 5m-high columns at Victoria Embankment will remove air displaced by flows into the Super Sewer. The air will be filtered through air treatment chambers.

Each column is inscribed with newly commissioned poetry celebrating local heritage. At Victoria, the two poems each refer to the River Tyburn, one of the capital's 'lost rivers', that stretches below ground from Hampstead through London and into the Thames.



LOCAL NEWS

GIANT ACOUSTIC SHED DISMANTLED AFTER 5 YEARS



One of the largest temporary structures on the project has been dismantled at our Kirtling Street site in Battersea.

The giant 'acoustic shed' – built to contain noise and dust – was 21m high, with a footprint around half the size of St Paul's Cathedral. With tunnelling work now complete, the shed is no longer needed and has been taken down.

Two cranes operated inside the structure around the clock while Tideway's tunnelling work was underway. These cranes completed more than 100,000 safe lifts during their five years of operation, lifting more than 56,000 tunnel segments 40 metres into the tunnel below.

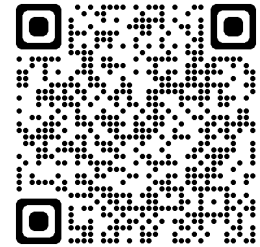
Now the shed is being recycled at Laing O'Rourke's Explore Business at its Centre of Excellence for Modern Construction – Europe's largest and most advanced pre-assembly manufacturing facility.



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.



**TUNNEL
VISION**

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 private funders 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 six projects in central London such as the Knights Hill Wood Wildlife Project supported by Nature Vibezz in Lambeth. This project will transform an overgrown area into a valuable wildlife area working with local

families via the weekly Forest School and nature conservation activities at the site.



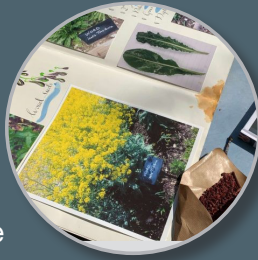
LEAVING A STRONG COMMUNITY LEGACY

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

Here are some local initiatives in your area:

Lambeth Community Fund

In 2022 we worked with Integrate CIC, which manages Lambeth's Voluntary and Community Sector, to create a fund for local organisations. It supported four programmes helping young people gain confidence and learn new skills and helping low income families to get through the cost-of-living crisis. This included Waterloo Community Theatre re-starting weekly drama and theatre-making sessions for seven to 16-year-olds and sustainability charity the Re-Makery running workshops for local residents on DIY issues such as draught-busting, rainwater collection and planter construction.



Worlds End Lots Road Community Hub, Kensington & Chelsea



Worlds End Lots Road Community Hub, near our Cremorne Wharf site, provides a range of events and activities for all members of the community. Tideway has supported the Hub in a range of ways, including an outreach programme for young residents to support positive lifestyle choices, employment routes and other social projects to develop skills. Tideway has also supported running costs so that the Hub can continue do its work in the community.

Westminster Police Cadets

We supported the cadets with funding for stand-up paddle boards and safety equipment and a summer environment programme, which involved 'paddle and picks' on the boards and kayaking and camping trips linked to Duke of Edinburgh awards. Jon Marsden, Met Police Youth Engagement Officer, said: "Tideway funding has helped us get out on the canals and river to pick out rubbish and to buy camping equipment for DofE adventures. A big thank you to Tideway from all the cadets."



Falconbrook Primary School



Falconbrook Primary School is close to our Falconbrook Pumping Station site and the nearby Winstanley Estate. We supported a new sensory room to give a safe and calming space for students, as well as a new canopy for the playground to provide a dry and safe outdoor environment for the students. We were also able to recycle a 'living wall' from our King George's Park site to give the school an attractive and educational feature.

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

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#SuperSewer



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