



**Tideway**

# RIVER TIMES

Spring 2019

**BATTERSEA • BLACKFRIARS • CHELSEA  
VAUXHALL • WESTMINSTER**

**YOUR UPDATE ON LONDON'S NEW SUPER SEWER**



*Tunnel from Battersea  
passes 600m mark  
Page 5*



**Tideway**

ferrovial  
agroman



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

**Hello and welcome to the latest edition of the River Times, your update on London's new super sewer.**

It's been a very busy few months for us here on the Central section of the project with the start of our tunnelling works.

Tunnel boring machine (TBM) Millicent, named after suffragist Dame Millicent Fawcett, has been burrowing away westwards from our Battersea site for the past three months.

And as this edition went to print we were set to successfully launch our second machine, Ursula (named after Dr Audrey 'Ursula' Smith, a British cryobiologist), starting her eastward journey beneath the Thames to Bermondsey. Turn to page 5 to find out more about Millicent's progress and how she will help clean up the Thames.

Elsewhere in this edition, we've got coverage of the Tideway-sponsored Active Row programme, news of our divers' 500th incident-free dive (both page 4), and news of the hundreds of fish saved at Blackfriars (page 5).

Further back, you'll find coverage of our 'exchanging places' initiative in front of the Royal Hospital Chelsea (page 6), where cyclist commuters had the opportunity to experience the road from a trucker's perspective.

All this, plus news of two giant flumes installed in Chelsea and the changing shape of the River Thames (page 7).

I hope you enjoy this snapshot of our work, but for more news from your area, go to [tideway.london/locations](http://tideway.london/locations).

And, as ever, if you have any comments or questions, please don't hesitate to get in touch – we'd love to hear from you.

**Ricardo Ferreras, Deputy 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...*

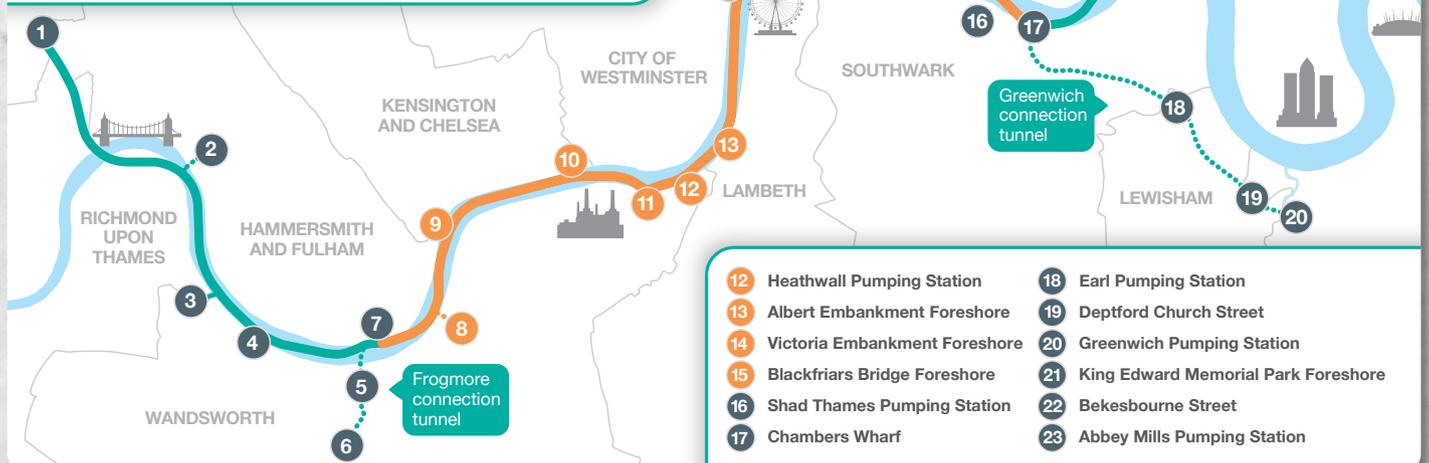
We're building a 25km 'super sewer' under the Thames to intercept those nasty overflows and clean up our river.

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          |                                 |



- |                                  |  |
|----------------------------------|--|
| 12 Heathwall Pumping Station     | 18 Earl Pumping Station                |
| 13 Albert Embankment Foreshore   | 19 Deptford Church Street              |
| 14 Victoria Embankment Foreshore | 20 Greenwich Pumping Station           |
| 15 Blackfriars Bridge Foreshore  | 21 King Edward Memorial Park Foreshore |
| 16 Shad Thames Pumping Station   | 22 Bekesbourne Street                  |
| 17 Chambers Wharf                | 23 Abbey Mills Pumping Station         |



## YOUNG ROWERS COMPETE IN ACTIVE ROW FINALS

Eighty of London's best young rowers, including some from schools in Kensington and Chelsea, participated in the Tideway-backed 'Active Row' finals earlier this year.

The event, which included pupils from Cardinal Vaughan Memorial School, saw eight teams of rowers from seven London schools competing.

Active Row is London Youth Rowing's flagship engagement programme and aims to get 8,000 young people active through rowing.

Hannah Shears, Programme Director for Active Row, said: "The support from everyone at Tideway was fantastic and the young rowers had an absolutely brilliant day."



## DIVERS CELEBRATE 500<sup>TH</sup> THAMES DIVE

Work is underway above and below ground. But in the depths of the Thames another team has been busy helping build London's super sewer.

A group of divers has completed more than 500

dives across the project's central sites.

Working at sites in Blackfriars, Chelsea and Victoria Embankment, their tasks include welding and mud-sucking, supporting the construction of new pieces of land being built in the River Thames.

These new pieces of land will allow shafts to be built to connect the existing Victorian sewers to the new 25km Thames Tideway Tunnel.

Professional diver Adam Blagg said: "You get a chance to work in some places that no one else has ever seen. Visibility is zero but you can hear all sorts of different noises, including the tube."

Alex Wood, Dive Supervisor working on Tideway, added: "The Thames is very tidal, which brings its own challenges; it varies massively what we do. It's been a really interesting project."



## LOCAL NEWS

# HUNDREDS OF FISH SAVED BY BLACKFRIARS BRIDGE



Hundreds of fish were saved at Tideway's site by Blackfriars Bridge after a key milestone in the creation of new land in the Thames was hit.

Almost 800 fish, including roach, dace and carp (pictured) were safely transferred back to the River Thames after becoming trapped.



Left to right: Roach, dace and carp removed from site in Blackfriars

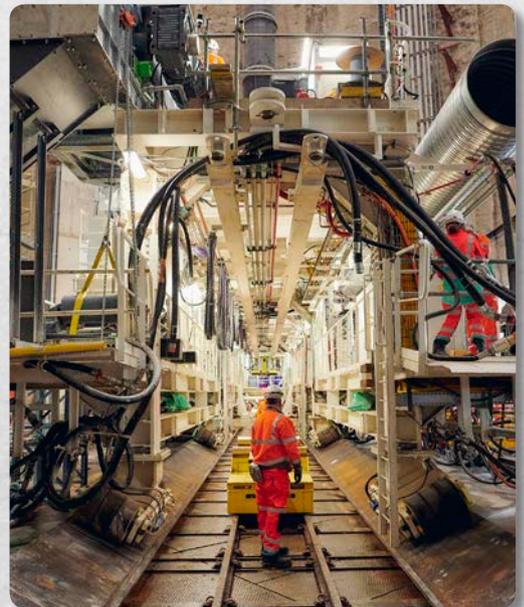
## FULL STEAM AHEAD FOR TBM MILLICENT

The tunnel boring machine creating a 5km section of the Thames Tideway Tunnel has passed the 600-metre mark.

Millicent, named after suffragist Dame Millicent Fawcett, is one of six TBMs creating London's new 'super sewer' and began in Battersea in December.

At the time of writing, the giant machine was tunnelling around 50 metres below ground and making good progress.

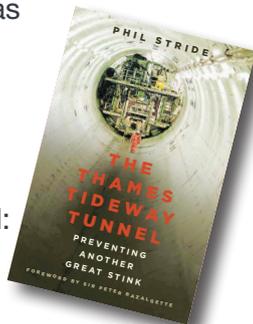
The machine recently passed safely within eight metres of the capital's largest water pipe, a huge piece of work that required more than two years of detailed planning.



## NEWS IN BRIEF

### TIDEWAY MEMOIR RELEASED

A new book documenting the history of the Thames Tideway Tunnel, written by the project's former head, was released in February. Author and civil engineer Phil Stride presents his account of the story to begin work on London's new 'super sewer'. 'The Thames Tideway Tunnel: Preventing Another Great Stink' is available now.



### ROAD CLOSURE AVOIDED

A six-month closure of the embankment at Blackfriars has been averted thanks to some clever design by engineers. The feared closure was due to a Victorian gas main under the site. But a new method has prevented the delay.

### TIDEWAY APPRENTICE AWARDED PRESTIGIOUS SCHOLARSHIP



An apprentice engineer who began her career on the Tideway project in Battersea has been awarded the Institution of Civil Engineers (ICE) QUEST 'Technician Plus' scholarship. Bianca Wheeler (pictured) said she was "honoured" to represent the ICE with this award.

## TIDEWAY NEWS

### CYCLISTS IN 'EXCHANGING PLACES' EVENT IN CHELSEA



Cyclists passing along the Thames in Chelsea were able to experience the road from a lorry driver's perspective.

The initiative, named 'exchanging places', was hosted by Tideway and allowed cyclists to climb into an HGV cab and experience the potential blind spots for drivers.

Cyclists who stopped by the Royal Hospital Chelsea were also able to benefit from some free bike maintenance thanks to Tideway.

Around a dozen cyclists died in London in 2018, so Tideway regularly hosts these exchanging places events to allow the cyclists to experience what can be seen – and not seen – at the wheel of an HGV.



For information about staying safe while cycling in London, visit [tfl.gov.uk/modes/cycling/](http://tfl.gov.uk/modes/cycling/)

# PUBLIC SPACE CREATED IN RIVER THAMES IN NINE ELMS, BATTERSEA



A new piece of land being created in Nine Elms as part of Tideway's mission to clean up the River Thames has hit a key milestone.

The outer perimeter of the new land has been completed and sealed – allowing the team to begin removing objects within the ground and backfilling the area to bring it up to ground level.

New land is being created at this site to give the team space in which to build one of two deep shafts, which will connect the existing pumping station to the main tunnel.

Once Tideway is finished in the area, this new land will be landscaped for public use – one of a number of sites along the river where new public space is being created.

This demanding work (carried out next to a pumping station) was a huge success, and was completed with zero accidents.

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## RIVER THAMES' NEW SHAPE BECOMES CLEAR AS WORK ON PUBLIC SPACES CONTINUES

The new areas of public space being created by Tideway along the River Thames are beginning to take shape.

Six pieces of public space are being built (in the central section) as part of our work and will become public land for Londoners to visit and enjoy.

This image shows two new flumes recently installed in the land being created along Chelsea Embankment.

The two 27-tonne flumes connect the existing sewer network to the river – allowing Tideway to continue working without disrupting the network's function.



# OPPORTUNITIES

At Tideway, we're always on the lookout for new people to join our team and are committed to recruiting from the boroughs in which we work.

Whether you're looking for work on site or in an office, we regularly have a wide variety of roles to fill, ranging from site operatives to communications officers.

If you're interested in working with us, get in touch and lookout for a Tideway jobs fair in your area.



**To apply, and for the latest jobs in your area, go to**  
[tideway.london/about-us/jobs](https://tideway.london/about-us/jobs)

If you'd like to join us for a boat tour on the Thames, simply email us at [BoatTours@tideway.london](mailto:BoatTours@tideway.london) to register your interest!  
(Spaces limited)

## MEET THE APPRENTICE

One in 50 of the 4,000 jobs the Tideway project will create will be an apprenticeship.



### PAUL FERNANDES

**Civil Engineering Apprentice**  
Chelsea Embankment Foreshore

#### Learned at Tideway

Since joining Tideway, I have learnt a lot, from the design process to construction methodology to just how important health and safety is, both ensuring it is thought about in the design stage and integrated during construction. Having the correct culture on site is also key, ensuring that everyone works in a safe manner.

#### Enjoyed at Tideway

I have enjoyed working with different teams. I started in the design engineering team at Kirtling Street, which gave me an opportunity to gain an understanding of the design of each site, and how everything works together. Now at Chelsea and Falconbrook, I spend more time on site, looking at the construction methodology, and ensuring the work is carried out to the expected standard. I enjoy the challenges that come with working on such large project and enjoy learning from the team.

#### Future aspirations

After my Level 3 Apprenticeship, I am looking to go to university under an apprenticeship scheme and gain my IEng qualification from the ICE. I would like to continue working as an engineer, gain my masters and eventually become a chartered engineer. Hopefully I'll be able to work as an engineer across the world.

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

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