

# KING EDWARD MEMORIAL PARK FORESHORE

Community Liaison Working Group



Tideway



6th December 2021

# AGENDA

- Construction progress
- Section 61 update
- Programme of future work
- Community investment
- King Edward Memorial Park Foreshore (KEMPF) Planning Application

# CONSTRUCTION UPDATE



Tideway



# SITE UPDATE & SHAFT SECONDARY LINING



## August 2021

- Delivery and Installation of Prefab Cages and Portal Eye Formwork for the Adit Connection.
- Pouring of Secondary Lining Sections behind the Vortex Framework (total 95m<sup>3</sup>)



## September 2021

- Form Slipform Rig, including Grillage Framework
- Install Concreting Boom
- Start and Completion Secondary Lining Pour 1 (483m<sup>3</sup>)



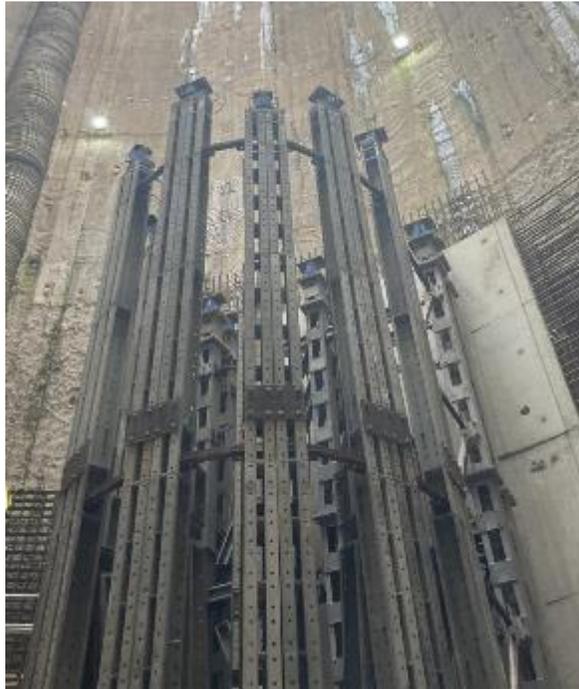
## October 2021

- Start and Completion of Secondary Lining Concrete Pour 2 (3113.5m<sup>3</sup>)
- Rebar Installation ongoing as Slipforming progresses

## November 2021

- Start Pour 3

# SHAFT - VORTEX TUBE INSTALLATION



## August 2021

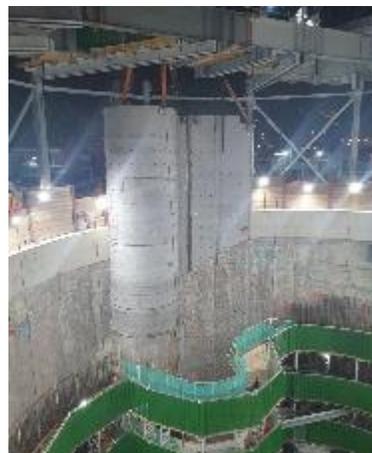
- Installation of the Mabey Hire Propping System to support the Vortex Tubes

## November 2021

- Take Delivery and Install of the Generator and Wing Section of the Vortex Tube

## September 2021

- Take Delivery and Install of the Drop, Bottom, Middle and Top Sections of the Vortex Tube



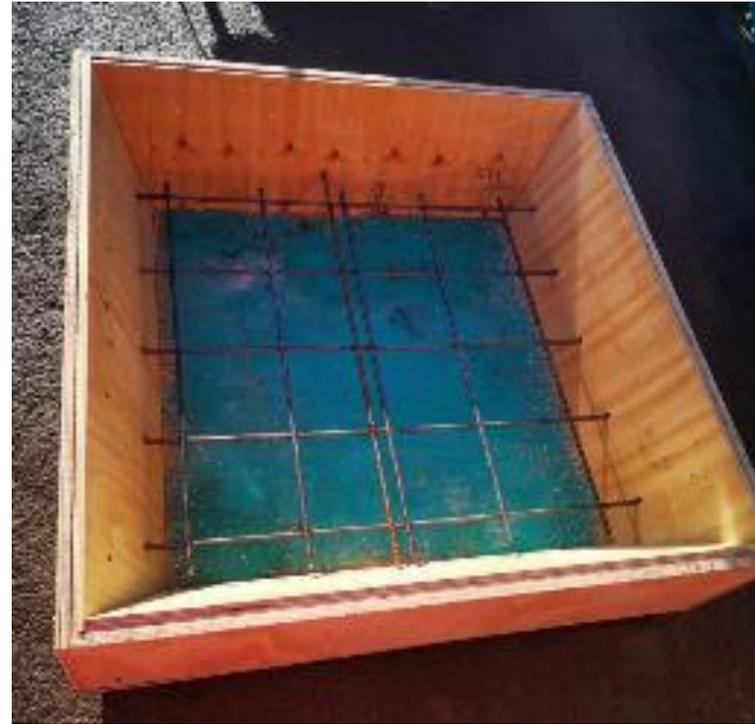
# SHAFT - UPDATE

During the month of November, the installation of the vortex generator has been completed & Slipform Engineering have finished the slip forming operation completing the secondary lining to the drop shaft





Slipform have commenced dismantling of the grillage and removal of box outs for shaft capping precast roof beams

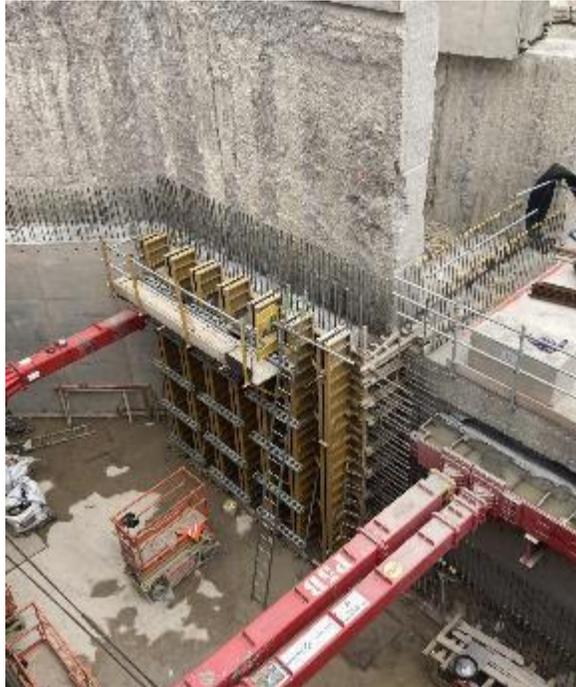


Prefabrication of SCL trial panels



Commencing set up of the SCL batching plant – Silo base slabs

# CSO WORKS



## August 2021

- Commence Works on CSO Lower External Walls
- Commence Works on Overflow Chamber Internal Walls
- Pour ATU Main Chamber Base Slab and Walls



## September 2021

- Continue Works on CSO Lower External Walls
- Continue Works on Overflow Chamber Internal Walls
- Complete Backfilling Works in the ATU Chamber



## October 2021

- Complete Works on CSO Lower External Walls
- Complete Overflow Chamber Internal Walls
- Pour ATU Duct Base Slab and Walls



## November 2021

- Commence Works on the CSO Upper External Walls
- Commence Works on Southern Retaining Wall
- Commence Works on Outer Flap Valve Wall

## Upcoming Works – Dec 2021

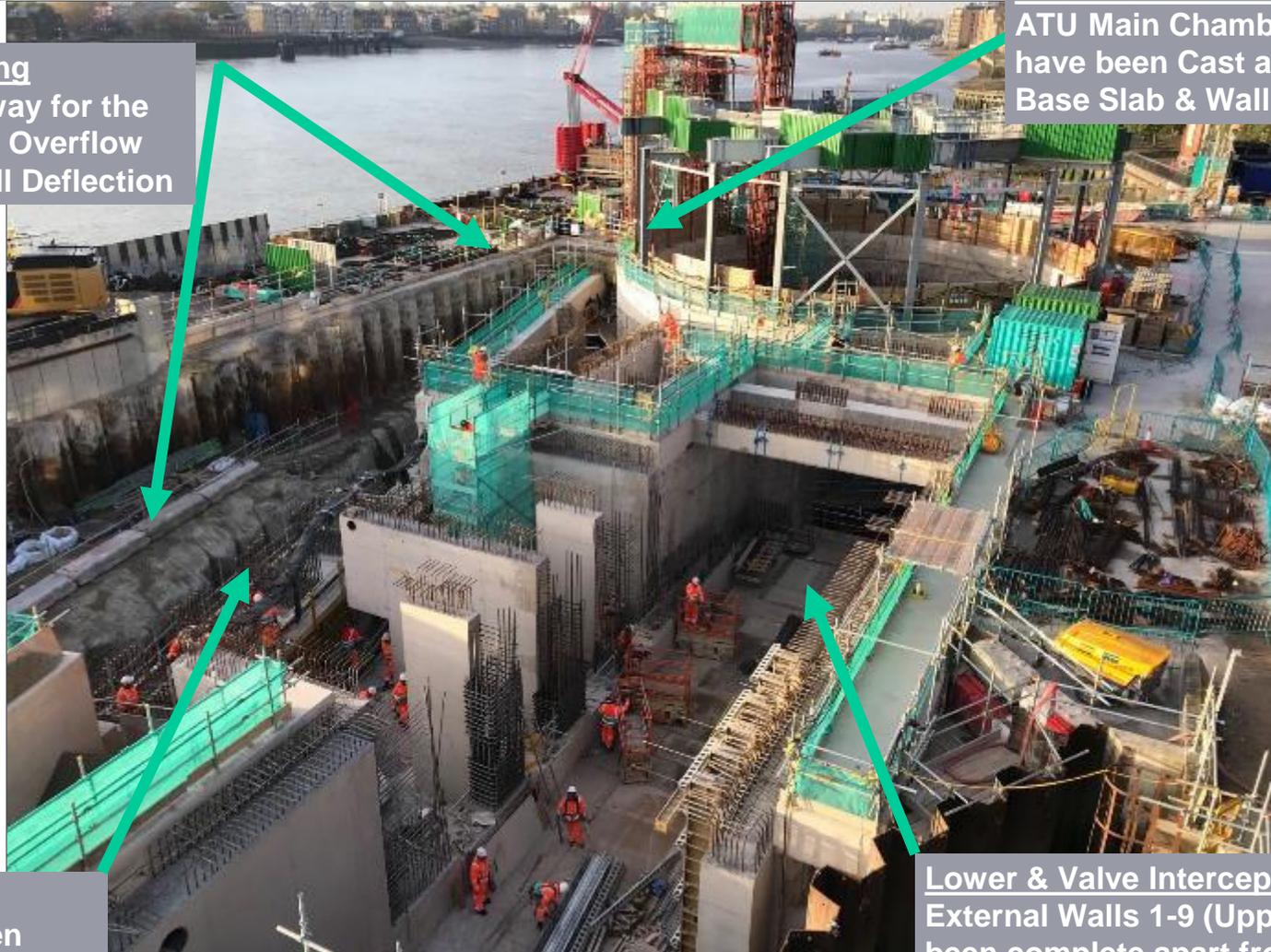
- Complete CSO Upper External Walls
- Pour CSO Base Slab Pour #3
- Penstock and Secondary Isolation Gate Wall Construction in CSO
- ATU Chamber Backfill & Roof Construction
- Outer Flap Valve Wall Capping Beam Construction



# PROGRESS UPDATE COMBINED SEWER OVERFLOW CSO

ATU & Southern Retaining Wall  
ATU Main Chamber and Duct Base Slabs and Walls have been Cast as well as the Southern Retaining Wall Base Slab & Wall

Excavation & Backfilling  
Operations are underway for the areas East/West of the Overflow Chamber for River Wall Deflection



Overflow Chamber  
Outer Flap Valve Wall has been constructed and the River Wall Capping Beam is currently under construction

Lower & Valve Interception Chamber  
External Walls 1-9 (Upper) have all been complete apart from External Wall 5U-2 which will be cast by Friday 3<sup>rd</sup> of December



# Environment: Noise and Air Quality

## Section 61 Overview



### Standard working hours:

08:00-18:00 (Monday to Saturday)

- Reduced use of breakers on Saturdays 08:00-13:00

### Extended hours:

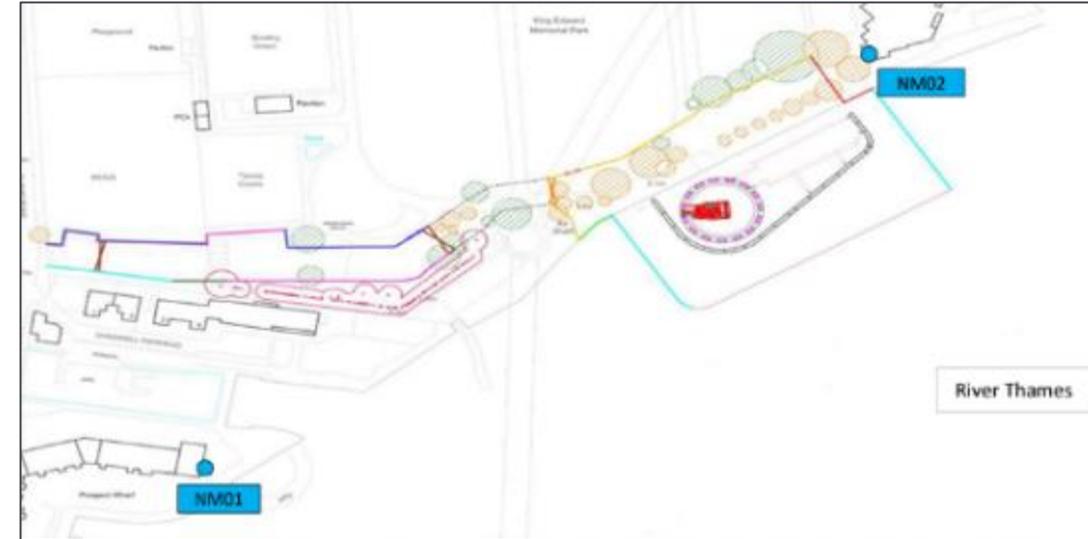
05:00 to 08:00 and 18:00 to 22:00 (Monday to Friday)

- Large concrete pours.
- Tidally influenced works.
- Barge loading/unloading, and hinterland excavation/backfill (this includes exposing the river wall and hinterland drainage maintenance)
- CSO, hydraulic structures and ATU excavations.
- Hinterland drainage and excavation dewatering.
- Aggregate deliveries and muck away

### Continuous hours (24/7):

- North East Storm Relief (NESR) and cofferdam repair/maintenance works essential to ensuring the stability of the structure.
- River wall repair/maintenance works, including the installation of scour protection, essential to ensuring the stability of the structure.
- Drainage and dewatering.

## Monitoring Locations



## Section 61 Exceedances

- **Noise** (July 21 - Current): 1
- **Air** (July 21 - Current): 0

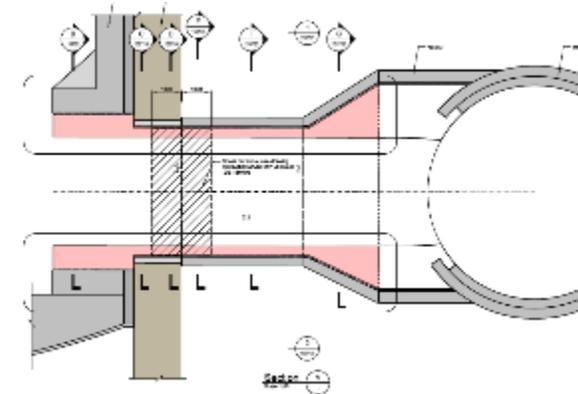
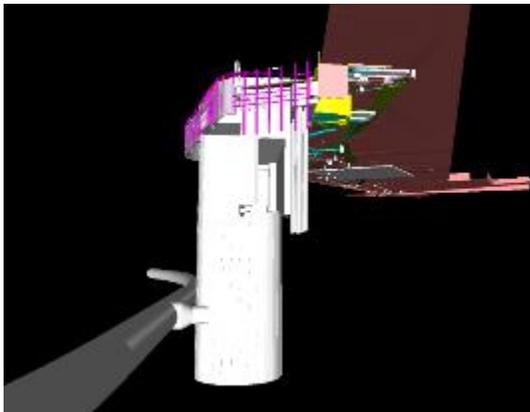
# Environment: Noise and Air Quality

## Section 61 Overview

### Continuous hours (24/5):

08:00-08:00 Monday to Saturday

- Slipform Secondary Lining Works up to Christmas – Concrete Pour & Deliveries and Rig Reconfiguration.
- Proposed Dispensation to Section 61 to include Adit Connection Tunnel construction for health and safety reasons. Works planned for 5 weeks from the 10<sup>th</sup> of January 2022.



# Environment: Noise and Air Quality

## Section 61 Overview



### **Mobilisation and demobilisation hours:**

07:00 to 08:00 and 18:00 to 19:00 Monday to Friday for standard hours

09:00 to 10:00 Sunday, 04:30 to 05:00 and 22:00 to 22:30 Monday to Friday for extended working hours' activities

- Arrival and departure of the workforce at the site and movement to and from places of work
- Site inspections and safety checks, Site meetings (briefings and inspections or site walkovers), Site clean-up (site housekeeping that does not require the use of plant), Site maintenance,
- Low-key maintenance and safety checking of plant and
- Arrival of concrete wagons to allow for concrete testing in order to allow pours to start promptly at 08:00 and reduce the risk of overrunning.
- Ventilation fan activated to ensure adequate air quality in confined spaces

### **Maintenance Periods:**

08:00 to 17:00 Saturdays, 10:00 to 16:00 Sundays

- Maintenance activities will comprise general mechanical maintenance to construction machinery and plant such as cranes, excavators, compressors, grouting equipment, marine plant and pumps.
- Installation of services within the shaft/hydraulic structures. Installation and maintenance of hinterland drainage, excavation dewatering systems and extending shaft services.

# Proposed Foreshore Structure



# Proposed Foreshore Structure - Application



The formal application was submitted on 21 May 2021 to Tower Hamlets.

Tower Hamlets Council started their formal consultation on the King Edward Memorial Park Foreshore Structure proposals 08 June 2021.

This follows a draft consultation period on the draft application from 17 November 2020 and the community consultation presentation held in December 2020 in addition to numerous stakeholder and CLWG meetings detailed in the formal submission.

The Tower Hamlets Council reference for the submission is PA/21/01190/NC. You can view the proposals in full by entering this into the Tower Hamlets Council online Planning Register.

# COMMUNITY INVESTMENT



# Celebrating 8 years of partnership with London Youth Rowing



Tideway staff past and present joined schools from the Active Row and Breaking Barriers programme and the whole team from London Youth Rowing at the Olympic Park to celebrate the success of our partnership with the charity.



# Creekside Discovery Centre, Deptford



## CREEKSIDE DISCOVERY CENTRE OPEN DAY

25 SEPTEMBER 2021 11am - 3pm FREE ENTRY



<https://www.creeksidecentre.org.uk/>



Activities on land and our beach with crab racing, prizes, quizzes and games for all the family.

Find local archaeology, discover creek fish and wildlife with visiting experts.

Food: Dookies Caribbean Grill - chicken, fish and vegan - £1 per ticket for first 100 portions.

Find out what we do for you:  
Creekside Discovery Centre, 14 Creekside,  
Deptford, London SE8 4SA



Book online:  
[creeksidecentre.org.uk](https://www.creeksidecentre.org.uk)



**CREEKSIDE**  
DISCOVERY CENTRE  
for people and water

# COMMUNITY INVESTMENT



Whenever Tideway East staff raise an observation, whether onsite or in writing, a donation is triggered for CVB to make to a charity, chosen by the Tideway East workforce.

These charities have previously benefited from our observations about safety, welfare, the environment and workplace.

 <p>GREAT ORMOND STREET HOSPITAL CHARITY</p>	Support for families and acutely sick children. Research into children's health and life-saving medical equipment
 <p>SAMARITANS</p>	Emotional support to anyone struggling to cope, or at risk of suicide including 24/7 telephone support
 <p>London's Air Ambulance Charity</p>	Response to serious trauma emergencies in and around London. Using a helicopter and rapid response vehicles, LAA performs advanced medical interventions at the scene in life-threatening, time-critical situations.
 <p>Lifeboats</p>	24-hour rescue including on River Thames and Flood Rescue Team. RNLi educate people and work with organisations to tackle drowning in communities at risk all around the world.

## KICKSTART SCHEME



100% Government Funded Work Placement for 16 – 24 Yr Olds

We have signed up with the scheme, to provide extended work experience for 16 – 24-year-olds that are on Universal Credit and at risk of long-term unemployment. The Princes Trust also supports the scheme.

To date, Costain has employed seven young people nationwide, working in the Highways and Natural Resources sectors - **including three here on Tideway East.**

Autumn 2021



BERMONDSEY • DEPTFORD • GREENWICH • SHADWELL • ROTHERHITHE

# RIVER TIMES

Tideway

YOUR UPDATE ON LONDON'S SUPER SEWER



Deptford urban wildlife charity gets funding boost from Tideway  
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## LOCAL NEWS

For the latest updates visit [www.tideway.london/news](http://www.tideway.london/news)



### TBM ANNIE UPDATE FROM GREENWICH PUMPING STATION

'Annie', a giant tunnel boring machine (TBM) creating the 4.5km link between Greenwich and London's new super sewer, is now around a quarter of the way to her destination.

The 'Greenwich connection tunnel' is a vital piece of Tideway's new infrastructure needed to clean up the River Thames.

Six TBMs are being used to create the super sewer and its connection tunnels on the Tideway project, and Annie is one of only two still working underground.

Although not as big as the TBMs used on the main tunnel, Annie is still around 6.4m wide, and will excavate through Tideway's sites at Deptford Church Street and Earl Pumping Station.

Named after Annie Scott Dill Russell, the first female scientist to work at the Greenwich Observatory, the machine was initially assembled at a site by the O2 Arena (see below) having been shipped from Germany before being dismantled and transported via local roads.



### DEPTFORD CREEK USED TO REMOVE TUNNELLING SPOIL FROM GREENWICH SITE

Barges have begun to navigate Deptford Creek to remove tunnelling spoil from Phoenix Wharf at Tideway's Greenwich Pumping Station site.

The creek, also known as the River Ravensbourne, is a tributary of the Thames, and facilitates marine access for Tideway's barges.

Using the river helps keep tens of thousands of lorries off London's congested roads, is safer for pedestrians and cyclists and produces far fewer emissions than the HGV equivalent.



## LOCAL NEWS

### TBM SELINA WITHIN 5KM OF SUPER SEWER FINISH LINE



The tunnel boring machine (TBM) being used to create the final, easternmost section of London's new super sewer now has less than 5km to go.

Once complete, the Thames Tideway Tunnel will be fully excavated from Acton in west London, to Abbey Mills Pumping Station, where TBM 'Selina' is set to finish.

TBM Selina arrived in London last summer, carried by a giant vessel called a Skylift 3000, before being lowered 60m underground at Tideway's site in Bermondsey.

At the time of writing, Selina was between Brunel's Thames Tunnel and the Rotherhithe Tunnel, before making her way past King Edward Memorial park and on to her destination.

For the latest updates visit [www.tideway.london/news](http://www.tideway.london/news)



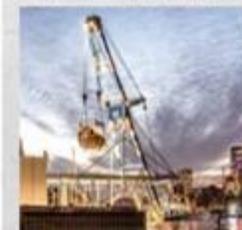
### TBM URSULA LIFTED FROM SITE AFTER 7.6KM TUNNEL DRIVE

A giant floating crane was used to lift a 700-tonne tunnel boring machine from Tideway's Chambers Wharf site in Bermondsey.

The machine, TBM Ursula, had finished its 7.6km tunnel drive from Kirling Street in Battersea to Bermondsey.

The crane, the 'Matador 3', had travelled from Rotterdam for the manoeuvre, which first involved lifting Ursula from the bottom of a 60m-deep shaft.

Delivery Manager Jim Avant said: "This is another step towards a cleaner River Thames and is another huge milestone involving so many of our partners to ensure a successful and safe operation. The lifting and removal of TBM Ursula from site required months of detailed planning and collaboration across our teams."



# COMMUNITY INVESTMENT



The Our Space Award (OSA) aims to help Londoners clean and green the city through active community engagement and participation, increasing a sense of community ownership over shared spaces.

## What support is available?

We offer three tiers of grants going from £500 all the way up to £20,000:

- Small grants of £500 up to £2,000;
- Standard grants of £2,000 up to £5,000; and
- Flagship grants of £5,000 to £20,000\*.

**How to apply :** <https://www.groundwork.org.uk/apply-for-a-grant/london-grants/our-space-award/>

The next deadline for your Our Space Awards application is:  
**12pm Wednesday 15th December 2021**



# MITIGATION



Tideway



## How To Make A Claim if Affected By Tideway's Work

### Who do I go to for advice?

Independent Advisory Service (IAS) Helpline for independent advice:

- 0800 917 8845 or [info@tidewayias.co.uk](mailto:info@tidewayias.co.uk)
- Tideway's Compensation Lead, Louise Walsh, for personal assistance and advice
  - Helpdesk: 08000 30 80 80 / [helpdesk@tideway.london](mailto:helpdesk@tideway.london) or
  - Direct: 07971 077165 / [louise.walsh@tideway.london](mailto:louise.walsh@tideway.london)

### How do I submit my claim?

Louise can submit your claim to the Independent Compensation Panel (ICP) on your behalf, or you can submit your claim direct to the ICP: [admin@tidewayicp.london](mailto:admin@tidewayicp.london)

The IAS can send you a claim form, or you can download the form off the Tideway website: [www.tideway.london/help-advice/compensation-information/Independent-Compensation-Panel](http://www.tideway.london/help-advice/compensation-information/Independent-Compensation-Panel)

# Christmas Shut Down



Site shutdown on the 24th December

No work from 25th December till 3rd January

Returning to site Tuesday 4th January 2022

**THANK YOU**



**Tideway**

**Any Questions**



## Contact US

If you do have any questions or enquiries, please contact the Tideway Helpdesk:

Telephone: **0800 030 80 80**

Email: **[Helpdesk@Tideway.London](mailto:Helpdesk@Tideway.London)**



**Tideway**

# **RECONNECTING LONDON WITH THE RIVER THAMES**

**#SuperSewer**

[www.tideway.london](http://www.tideway.london)