

EARL PUMPING STATION

Community Liaison Working Group

Tuesday 27 February 2024



Tideway



Project overview



Tideway
BMB
WEST

- 1 Acton Storm Tanks
- 2 Hammersmith Pumping Station
- 3 Barn Elms
- 4 Putney Embankment Foreshore
- 5 Dormay Street
- 6 King George's Park
- 7 Carnwath Road Riverside

Tideway
FLO
CENTRAL

- 8 Falconbrook Pumping Station
- 9 Cremorne Wharf Depot
- 10 Chelsea Embankment Foreshore
- 11 Kirtling Street
- 12 Heathwall Pumping Station
- 13 Albert Embankment Foreshore
- 14 Victoria Embankment Foreshore
- 15 Blackfriars Bridge Foreshore

Tideway
CVB
EAST

- 17 Chambers Wharf
- 18 Earl Pumping Station
- 19 Deptford Church Street
- 20 Greenwich Pumping Station
- 21 King Edward Memorial Park Foreshore
- 23 Abbey Mills Pumping Station

Tideway
Thames Water
SPECIALIST PARTNERSHIP

- 16 Shad Thames Pumping Station
- 22 Bekesbourne Street
- 24 Beckton Sewage Treatment Works

MAP KEY

- Orange circle: Main tunnel drive tunnel site
- Black circle: Main tunnel reception site
- Green circle: CSO site
- Light blue circle: Short connection tunnel drive site
- Yellow circle: Long connection tunnel drive site
- White circle: System modifications
- Green line: Main tunnel
- Dotted green line: Connection Tunnels
- Black line: Lee Tunnel
- Black arrow: Proposed drive direction
- Blue dots: West works site
- Yellow dots: Central works sites
- Red dots: East works site

Project Update



- Project is more than 90% complete
- We aim to start testing the infrastructure later this year & be fully operational in 2025
- Main super sewer under Thames (right) has been excavated and a secondary layer of concrete added to the inside of the tunnel
- We are currently adding lids to all the remaining shafts, effectively closing the tunnel
- Architecture and landscape work is progressing across many of our sites
- New areas of land on the river are starting to open for the public e.g. by Putney Bridge



CONSTRUCTION UPDATE

March 2023 to February 2024



Tideway

Combined Sewer Overflow (CSO)

- CSO Culvert - Concrete Works Complete
- Central Section - Concrete Works Complete to ground level
- North Section – Concrete Complete to ground level
- CSO Temporary Propping Removed
- Air Treatment Unit (ATU) Concrete Works Complete & MEICA work started
- Installed mechanical gates



Existing Thames Water Pumping Station

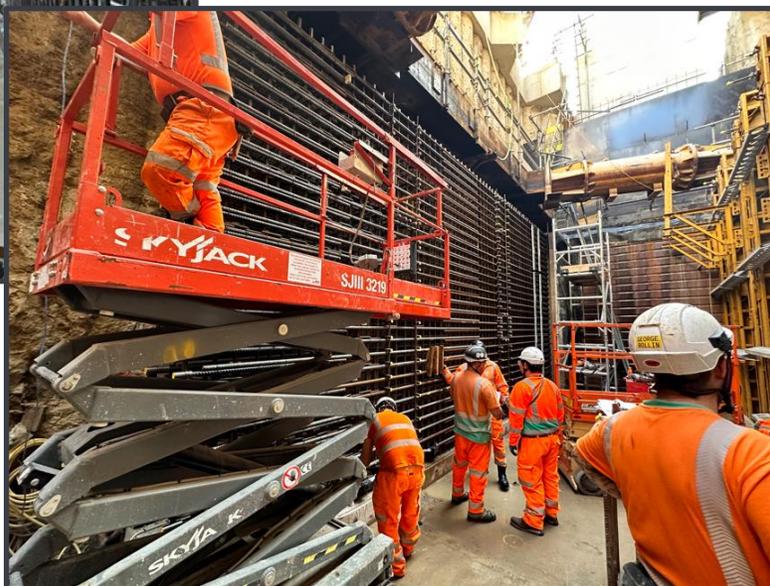
- MEICA* Room refurbishment complete
- Cores to suction culvert complete
- Modification of existing floor for drain-down pumps started
- Ground remediation works complete

Shaft

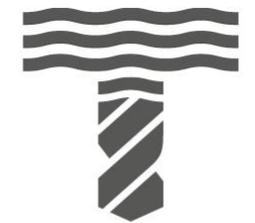
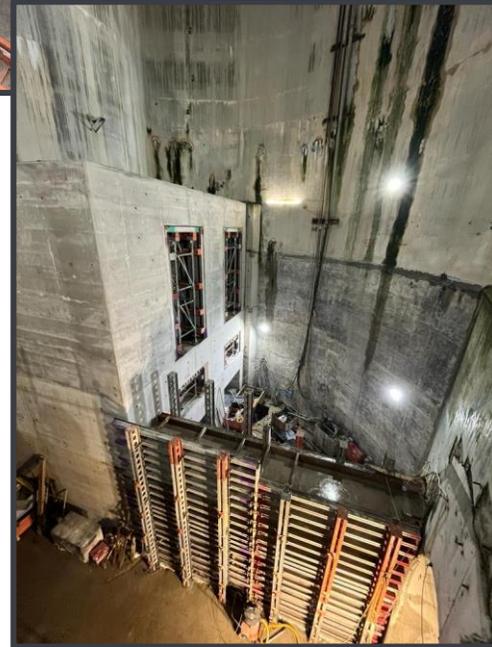
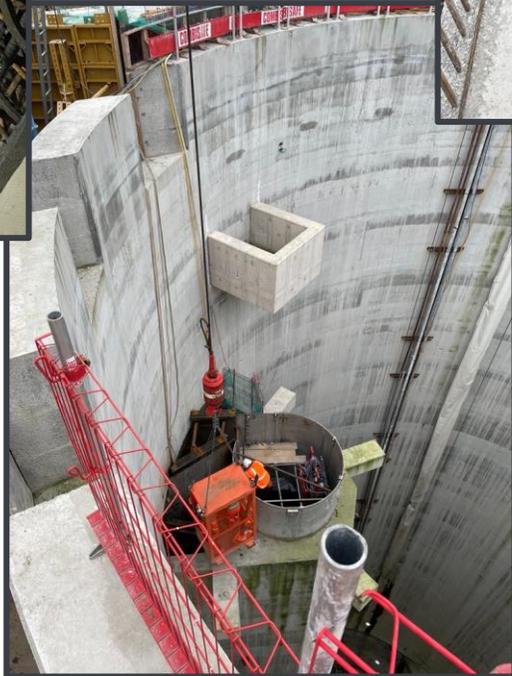
- Portals & internal walls complete
- Vortex Generator installation complete
- Vortex walkway and shaft topping slab started

* MEICA: Mechanical, Electrical, Instrumentation, Control & Automation works

2023 CSO Progress



2023 Shaft & Vortex Progress



Tideway

WHAT COMES NEXT...



Tideway

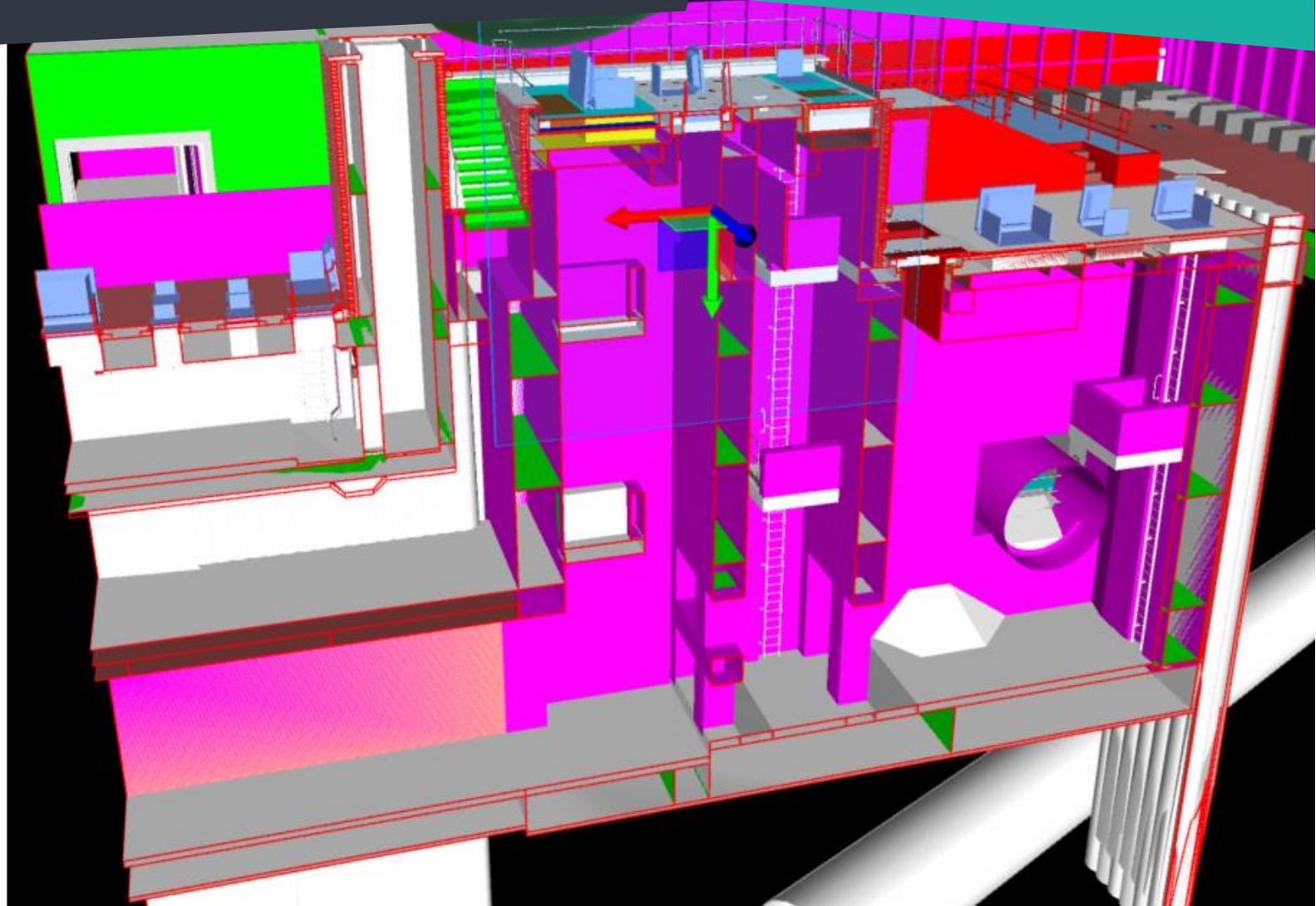


COMBINED SEWER OVERFLOW (CSO)



Tideway

- CSO – completed civil works
- Air Treatment Unit - MEICA works
- CSO - MEICA works

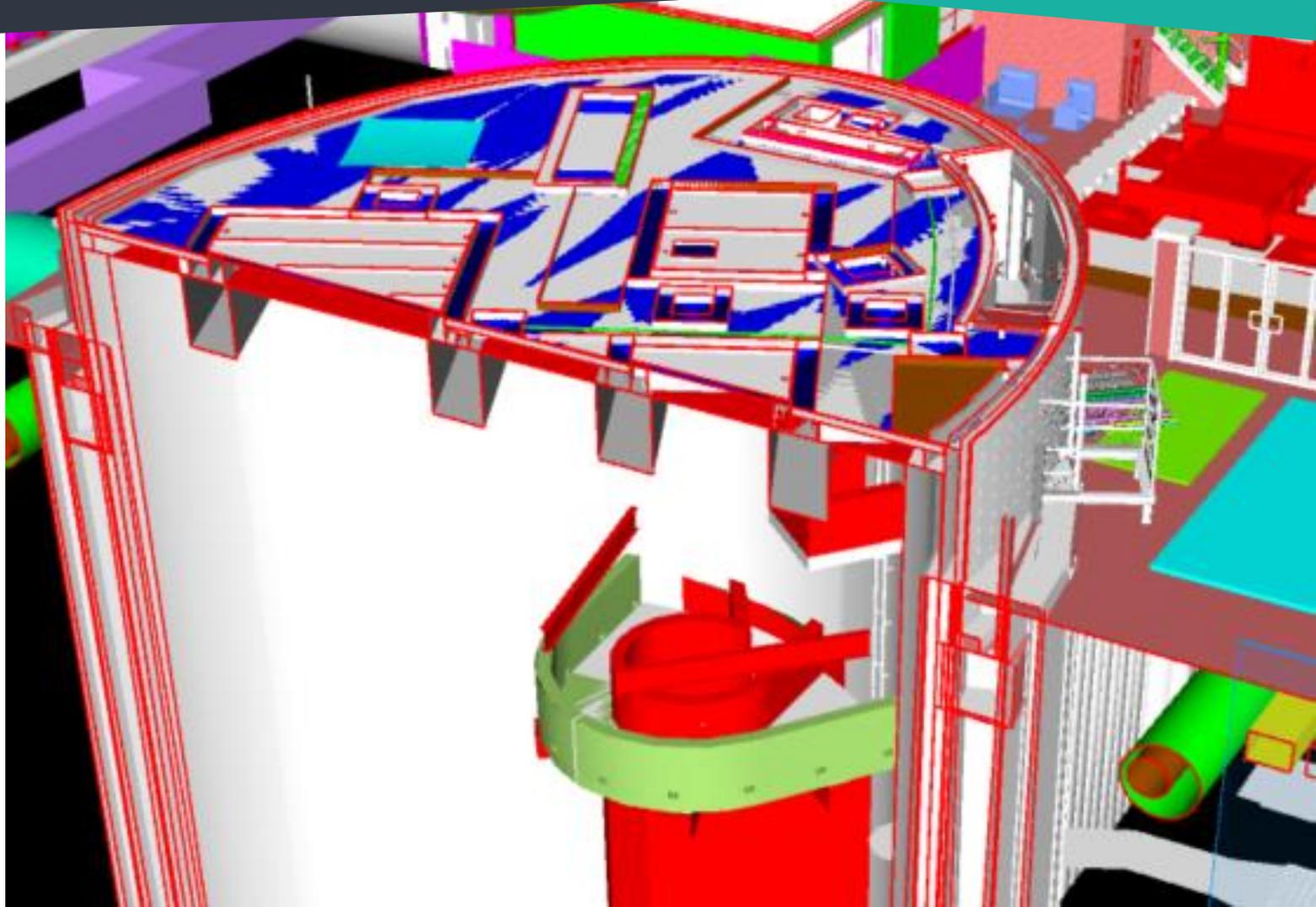


SHAFT WORKS



Tideway

- Complete vortex walkway works
- Install shaft precast concrete beams, slabs and in-situ topping slab
- Install ventilation structures and MEICA equipment on shaft cover slab

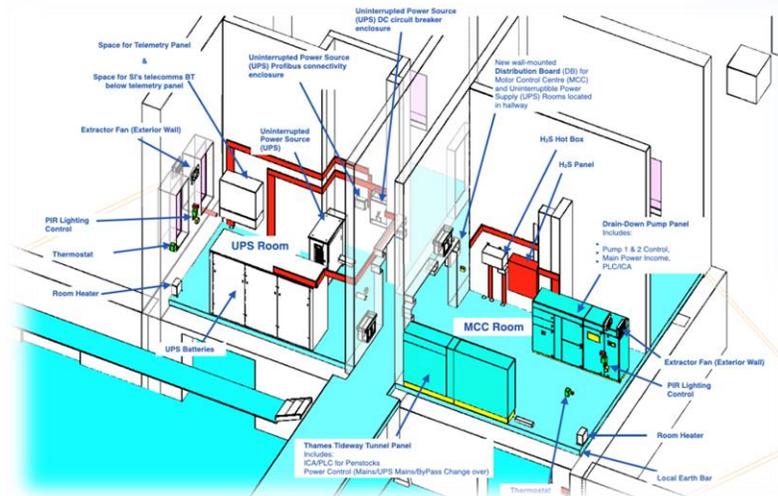
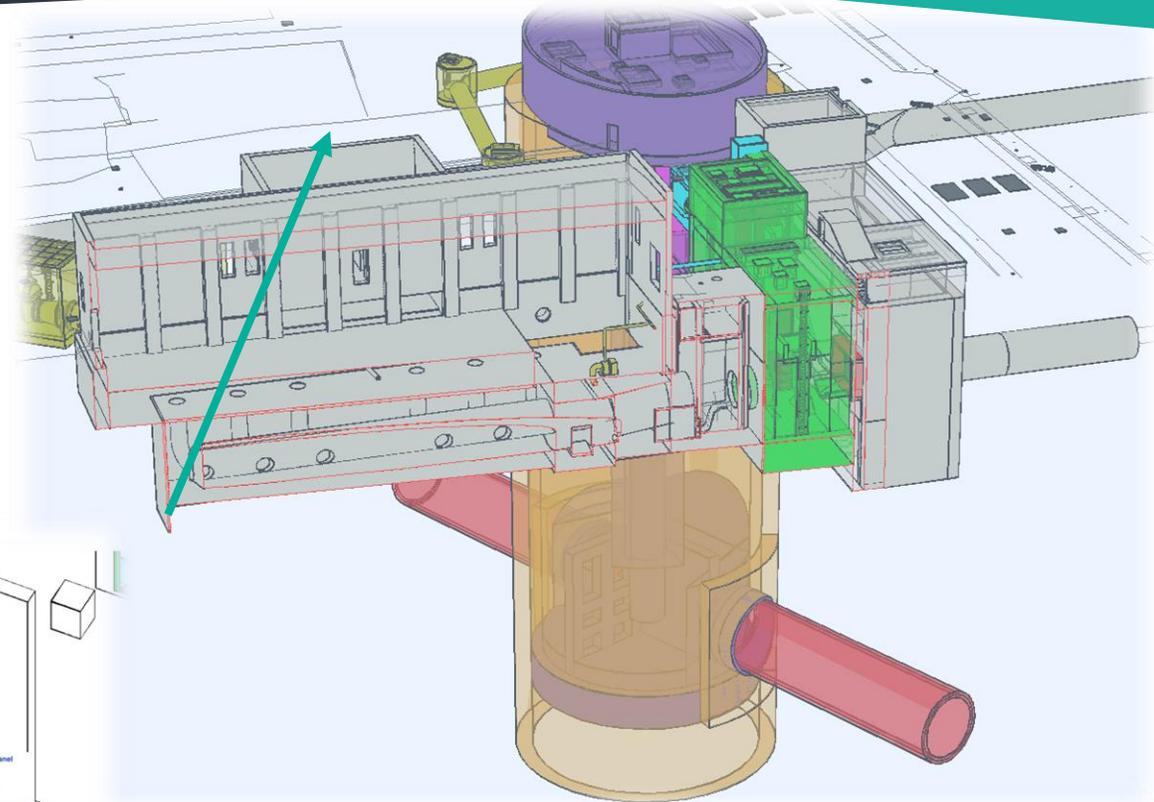


PUMPING STATION



Tideway

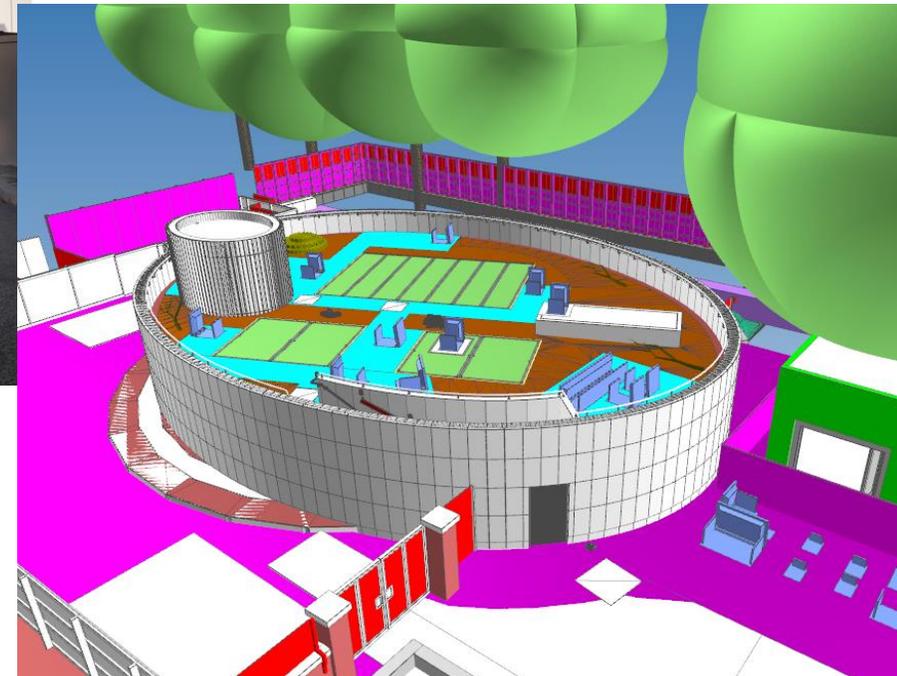
- Drain down pump works
- MEICA equipment installation



ARCHITECTURE & LANDSCAPING



Tideway



- Fencing Foundation works
- Shaft Cladding
- Brown Roof Works
- Paving and landscaping
- Perimeter and CSO brick works

ENVIRONMENT



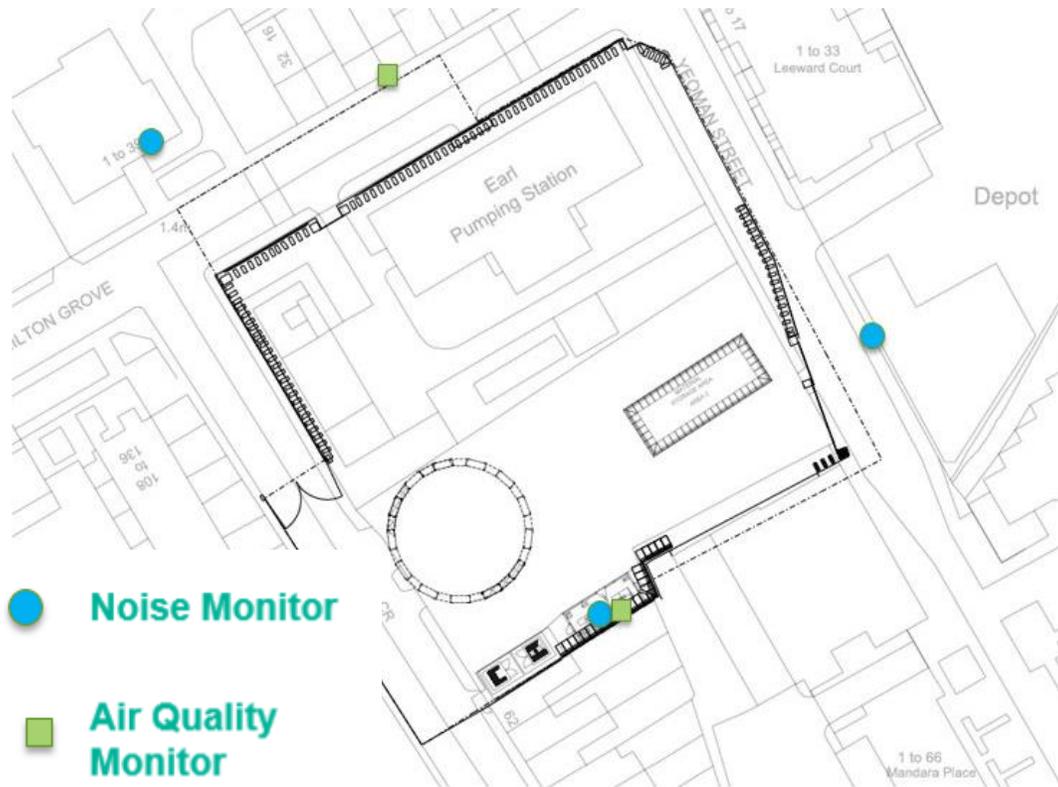
Tideway



NOISE & AIR QUALITY



Tideway



Month	Noise	Air Quality
	S61 Exceedances	24h PM ₁₀ Exceedance
February 2023	0	0
March 23	0	0
April 23	0	0
May 23	0	0
June 23	0	0
July 23	0	0
August 23	0	0
September 23	0	0
October 23	0	0
November 23	0	0
December 23	0	0
January 2024	0	0
February 24	0	0

NOISE MITIGATION



Tideway

Key methods for reducing noise onsite

- Planning construction methodologies with noise impacts as a key consideration (Section 61 consent)
- Monitoring noise across site to identify exceptional noise sources
- Acoustic screening static plant where possible
- Localised screening of loud activities (concrete breaking, floor sawing etc.) where possible
- Sourcing/developing low noise plant & equipment where possible
- Shutting down plant and equipment when not in use
- Offsite fabrication of construction elements where possible
- Using mains electricity to power equipment where practicable
- Alternative concrete cutting techniques used to reduce noise when breaking concrete



TREE PRUNING



Tideway

- Seasonal pruning may be required on Croft Street ahead of the new growth season
- Pruning is necessary to ensure access to our CSO works area for cranes and for our security camera sightlines
- Assessments undertaken by an Arboriculturist ensures minimal impact on tree health
- Only new growth will be pruned



LEGACY



Tideway



COMMUNITY ENGAGEMENT



Tideway



Traffic & Logistics Manager Ola Faleti passed his Master's degree (MSc) in Transport Management & Planning



Women in Engineering Awards



Chapter One School Reading programme visit



Work Experience students in 2023

Shaping Our World Schools event



London Youth Rowing Skills Day

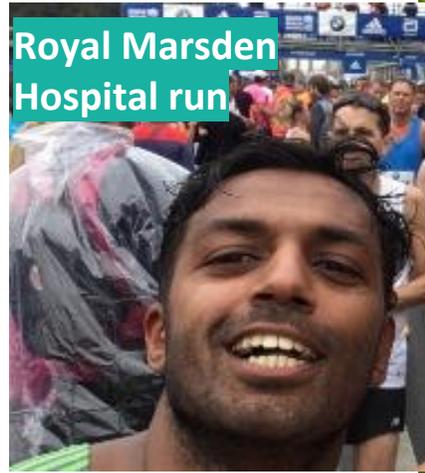
COMMUNITY ENGAGEMENT



Tideway



Tideway Supporting Pride



Royal Marsden Hospital run



Juvenile Diabetes Research Foundation - London Marathon



Ben Nevis Climb for Bangladeshi Maternity Ward



Children's liver disease charity - London Marathon



Macmillan Cancer Support Bake sale



London Youth Rowing National Junior Indoor Rowing Championships

Mitigation

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
- For personal assistance and advice contact our Helpdesk.
 - Helpdesk: 08000 30 80 80 / helpdesk@tideway.london

How do I submit my claim?

The Helpdesk 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

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

Stay up to date

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