

DEPTFORD CHURCH STREET & GREENWICH PUMPING STATION

COMMUNITY LIAISON WORKING GROUP



Tideway



Sub heading/Dat etc...

STAFF



Tideway

- Andy Sefton, Senior Project Manager Greenwich
- Darren Kehoe, Project Manager Greenwich
- Anil Dhillon, Project Manager Deptford
- Rebecca Major, Communications Officer

CVB – main works contractor

- Sophie Lambert, Deptford Church Street Site Manager
- BaDan – Deptford Church Street, Site Agent
- Robert Margariti-Smith, Greenwich, Tunnel & Site Manager
- Philippe Carlier – Greenwich, Tunnel Agent
- Alexandre Hamelin – Greenwich, Site Agent

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Legacy

DEPTFORD CHURCH STREET



WHAT WE'RE BUILDING



DEPTFORD WORKS UPDATE



Shaft

- Base slab - poured on 12/09/2019
- Portals – last pour (nr 3) on 23/03/2020
- Backfill and Vortex installed

Interception Chamber (Phase 1)

- Excavation completed
- Base slab completed
- Internal walls ongoing

Interception Chamber (Phase 2)

- Sewer demolition enabling works

SHAFT



Tideway

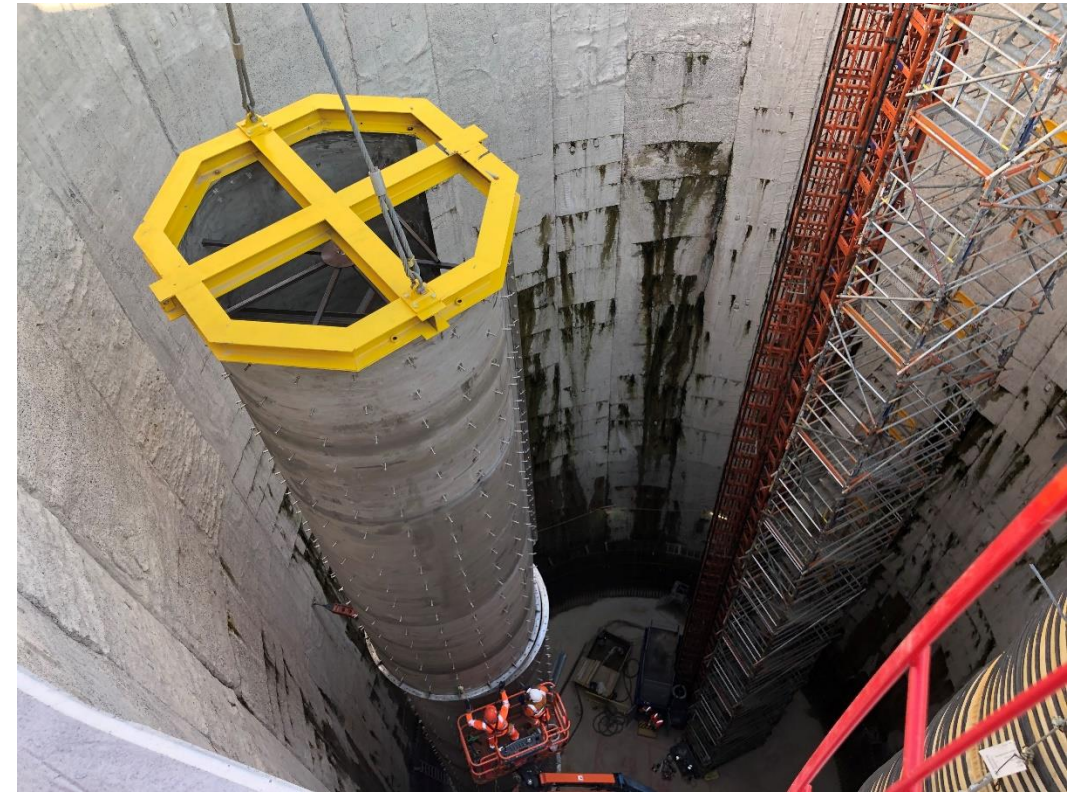
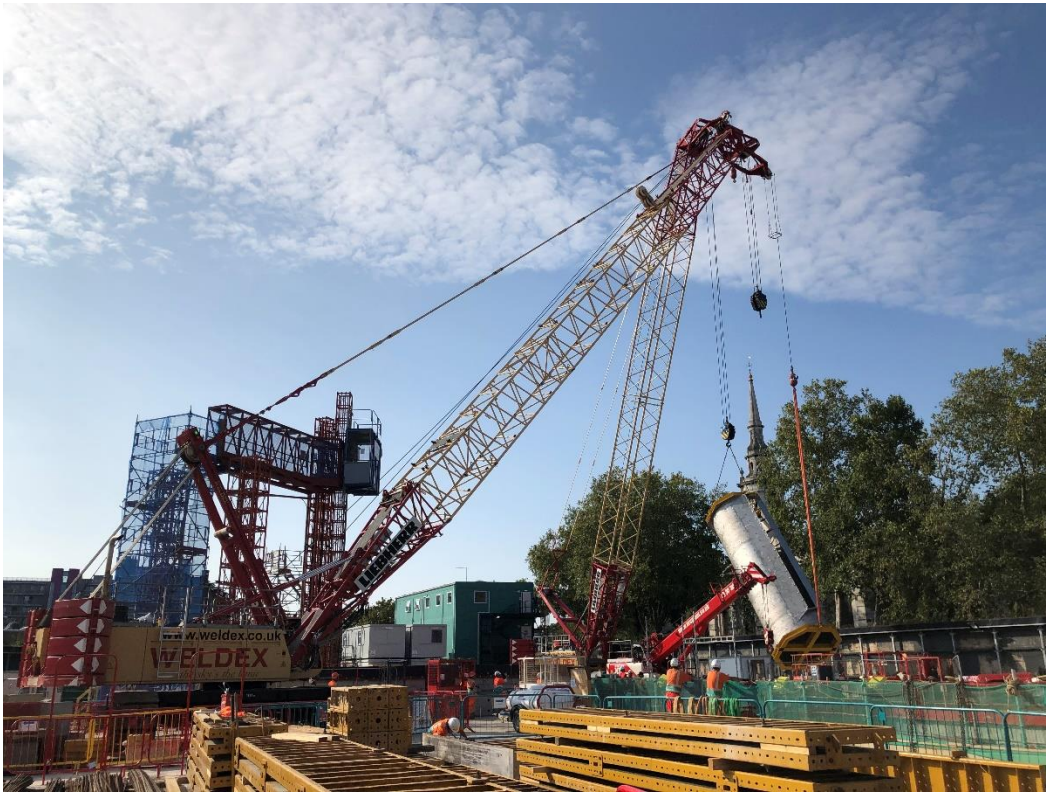
P50 concrete pouring for backfill



SHAFT

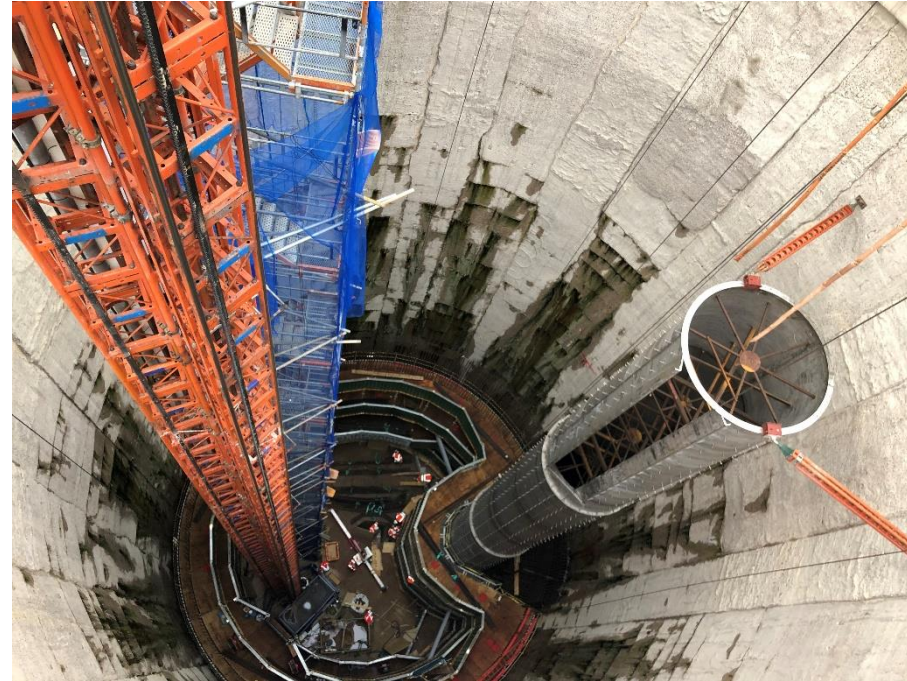
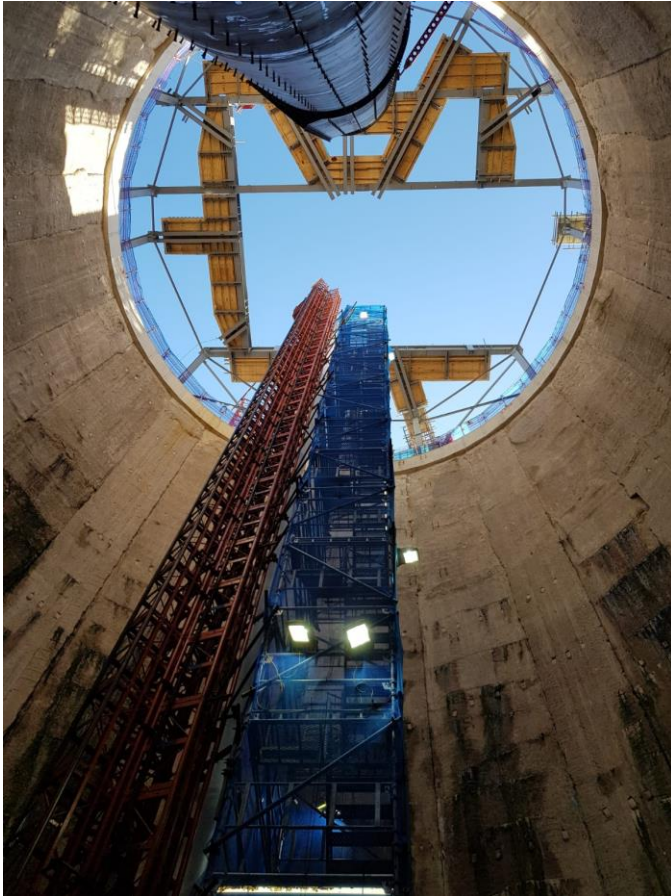


Tideway



Lifting and installation of the Vortex tube

SHAFT



Slipform grillage (top) and rig (bottom) in the shaft

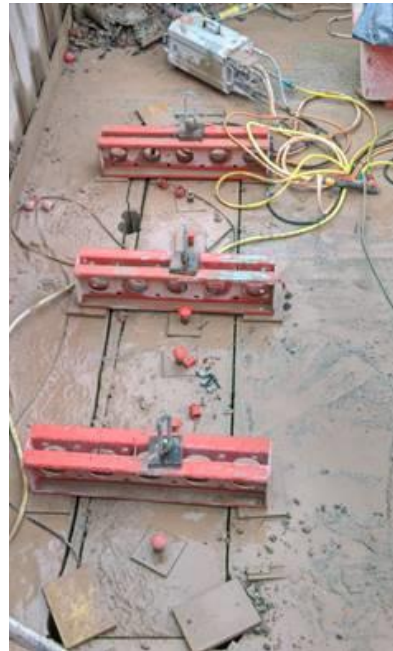
INTERCEPTION CHAMBER

Phase 1 internals



INTERCEPTION CHAMBER

Phase 2 sewer demolition



DEPTFORD LOOK AHEAD



	October	November	December	January	February	March	April
CSO Internal							
Piling Works							
Slipform	Night shift	4 weeks					
Shaft Vortex Generator and culvert							

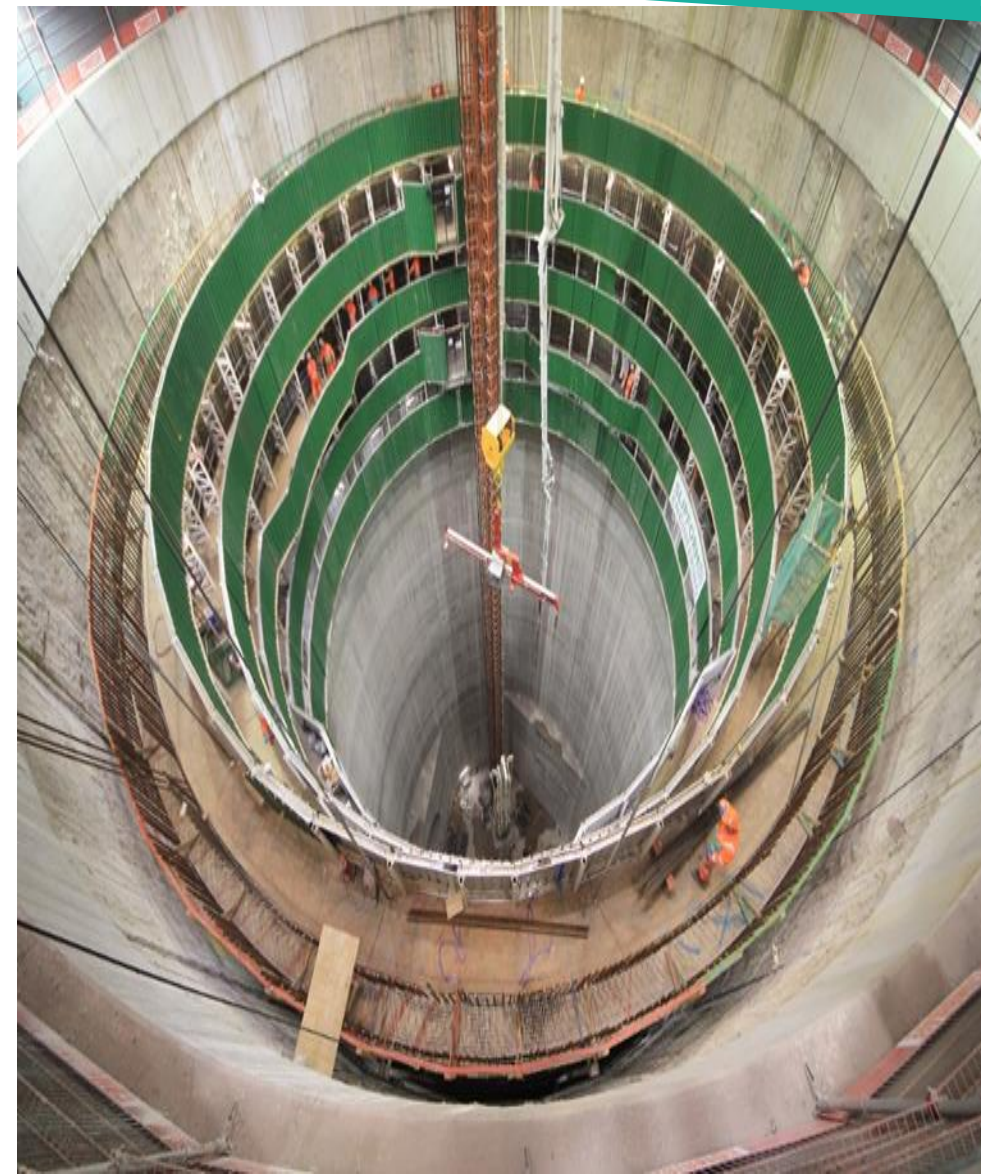
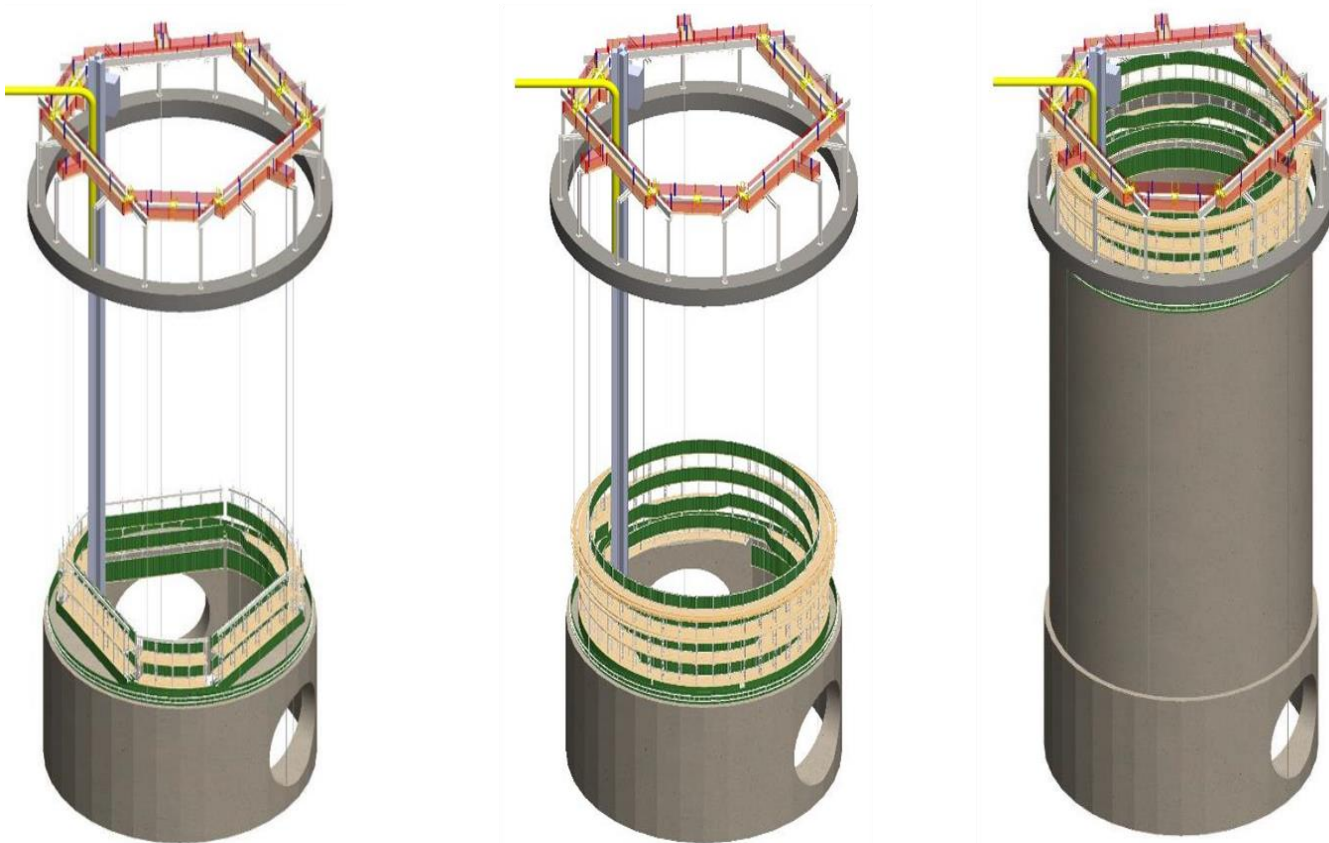
CSO internals, walls, piling works, shaft Vortex Generator and culvert

- standard working hours 08:00-18:00 Mon to Fri, 08:00-13:00 Sat until end of 2020,
- extended hours 07:00 to 22:00 Mon to Fri, Sat 07:00 to 17:00 (extended hours for concrete pours)

Slipform Shaft Secondary lining Started in Oct 2020 and to be completed by end of 2020.

- Mobilisation 7am to 7pm with extended hours up to 22:00
- Start end of October for 3 weeks: 24/5 and Sat 07:00 to 17:00 (For Quality and Health and Safety purposes – Less Joint, less risk of leakage)
- Demobilisation in December: 7am to 7 pm with extended hours up to 22:00

SLIPFORM STAGE



WHY WORKS IS BEING CARRIED OUT 24/5 AND SAT UP TO 17:00

- For Health Safety and Quality purposes
 - as it reduces considerably the number of joints from 14nos to 4nos if works were to be carried out during day shift only:
 - This methodology allows continuous pour and allows to have minimum of joint preparation which involves high pressure jet wash / concrete scabblers that introduction Hand Harms Vibration Syndrome issues and noises.
 - The Shaft will be used at the end as a water retaining structures. We therefore need to insure that there is no water path happening from the ground water to the structures and vis versa



MITIGATION MEASURES DURING NIGHT SHIFTS AS PER CONSENTED SECTION 61 WITH LOCAL AUTHORITIES



- Most of the works is happening inside the Shaft this will screen any noises
- All concrete wagons (approx. 3 to 4 per hours) coming to site at night will be noise screened using sound barriers during concrete discharge
- Concrete pump will be also noise screened using sound barriers during concrete discharge
- All Lights will be orientated towards the site
- There should be no other planned delivery others than concrete wagons
- The slipform rig is powered by electrics
- Any operating static plant will be screened for noise (ie: fan etc..)
- All operatives will be briefed not to leave site until the end of the shift
- Live noise monitoring

GREENWICH PUMPING STATION



Tideway



GREENWICH WORKS UPDATE



Main Site & Shaft

- Pre TBM lowering shaft and adit preparation.
- Modification of the lowering system after not being able to deliver the TBM in a single piece due to Covid-19 pandemic. Size of support team to facilitate the move rendered it not possible with social distancing measures being adhered to.
- Dismantle the TBM into 11 components at Vic Deep, transport and lowered down the shaft for re-assembly.
- Site general installation for works ahead of the tunnelling phase
- CSO Jet Grouting works completed

Phoenix Wharf

- Continue to install Slurry Treatment Plant (STP) and commissioning has commenced
- The STP will be a water and soil treatment system formed of various buildings and tanks for treating the excavated material that is excavated during tunnelling

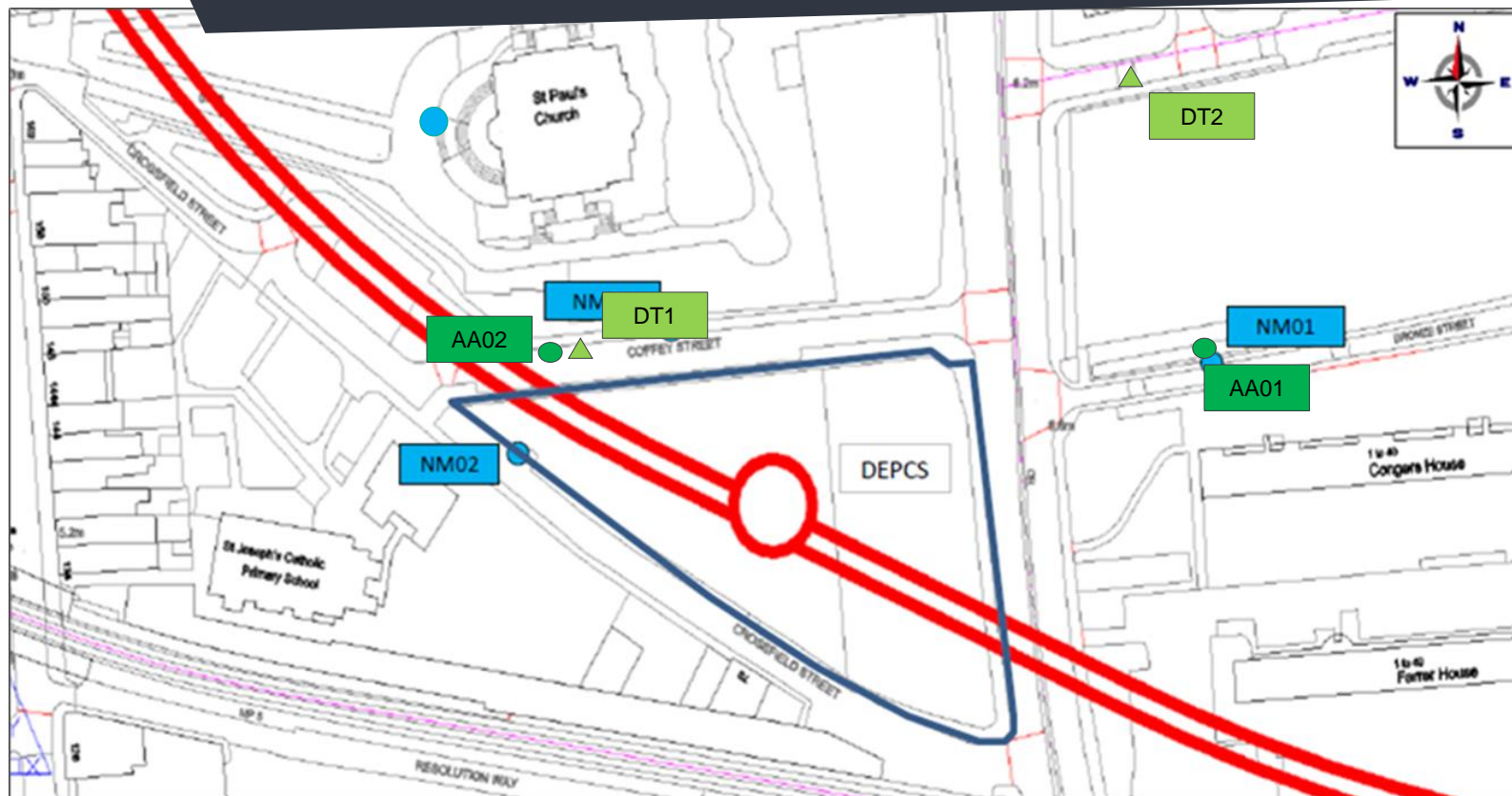
NOISE AND AIR POLLUTION



Tideway



DEPCS NOISE AND AIR QUALITY



Monitoring position key:

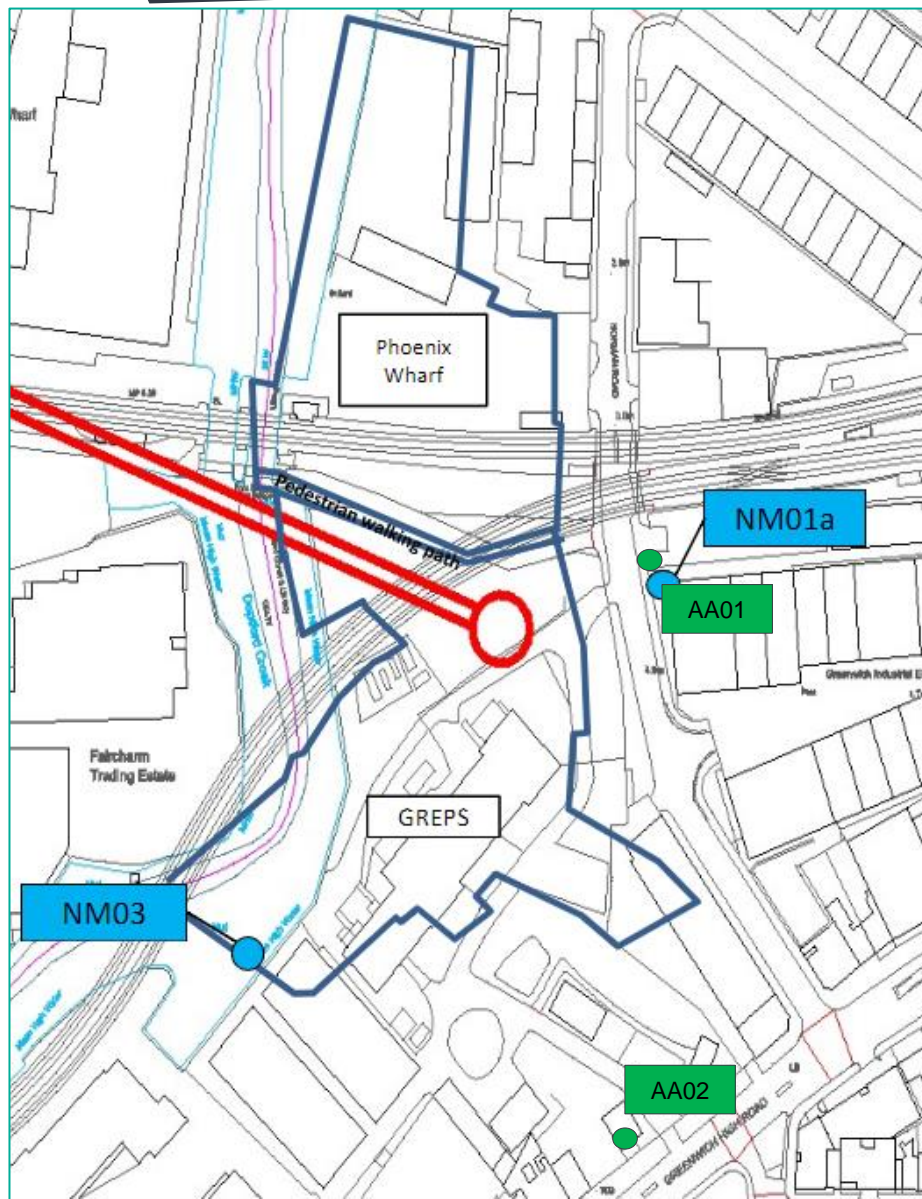
- Noise Monitoring Position
- Dust Monitoring Position
- ▲ Diffusion Tube position

Month	Noise	Air Quality
	S61 triggers	24h PM ₁₀ triggers
December 19	0	0
January 20	0	0
February 20	0	0
March 20	0	0
April 20	0	0
May 20	0	0
June 20	0	0

Air Quality and Noise data notes

No air quality or noise triggers attributed to CVB operations over the period.

GREPS Noise and Air Quality



Monitoring position key:

- Noise Monitoring Position
- Dust Monitoring Position

Air Quality and Noise data notes

NM03 removed in March 2020 due to a change in local environmental conditions resulting in ambient noise being above trigger levels for this monitor. No significant ongoing works are planned for this side of the site.

No air quality or noise triggers attributed to CVB operations over the period.

	Noise	Air Quality
	S61 triggers	24h PM ₁₀ triggers
Month		
December 19	0	0
January 20	0	0
February 20	0	0
March 20	0	0
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June 20	0	0

LEGACY



Tideway



MAKE A DIFFERENCE

Happy 5th Birthday Tideway



To mark Tideway's 5th birthday, the 'Make a Difference' campaign was launched on 24 August. Tideway colleagues along with friends and families raised thousands of pounds for charity



The Tunnel Challenge –

- Raised over £5,000 In just five weeks!
- 14 teams, comprising 64 colleagues from across Tideway, collectively walked, ran, cycled, rowed and swam over 15,020km or 600 lengths of the Tideway Tunnel (in simpler terms - just over 1/3 of the way around the globe!).

LEGACY THE NEXT GENERATION



Volunteering hours

People - including Skills and Employment

Community Relations

Innovation and Technology

The 5000 word CVB training case study developed by
UCL has been approved

Community Investment

London Youth Rowing (LYR)
ACTIVE ROW aims to get children active
through indoor and outdoor rowing



BELIEVING IN OUR APPRENTICES

Tideway Talk and Communications

Residential Complaints

CELEBRATING INTERNATIONAL WOMEN'S DAY



Tideway East supported a of panel discussions with 120
colleagues and guests to explore the changing culture for
women in the construction industry.



TIDEWAY EAST HIGHLIGHTS

Skills and Employment Forum October 2020



Apprentice results:

Some exceptional results with a 93% and four above 70%.
Tunnelling apprentices progressing to final assessment.
Some great feedback on their commitment.

Women In Construction:

Virtual mentoring - A range of staff volunteers were involved to support during lockdown and beyond.

Increase in local employment

This quarter we reached our local employment targets

Governor role :

Two East staff have roles as Chair of Governors supporting local borough schools. Commitment to dealing with COVID shut-down, re-opening and exam arrangements, affects on staff and pupil mental welfare.

LDE UTC in top 1% (UK) for technical results.

Recruitment reopen:

Tunnelling contractor JGL, liaising directly with East London boroughs, had 30 applications for 2 entry level tunnelling vacancies.

THAMES 21 LITTER SURVEY



Staff volunteered to survey and clean up plastic litter on the Thames foreshore with charity Thames 21, supported by Tideway in their citizen science project along the river

PLOGGING!!!!!!

The word plogging is an English-Swedish combination of jogging and plocka upp, which means “pick up” in Swedish



Tideway

We will soon start plogging around site, so please contact Helpdesk if you want to get involved in our plogging sessions around our Deptford and Greenwich Site



“SAFE” by choice!

Contact US

- If you do have any questions or enquiries, please contact the Tideway Helpdesk:
- Telephone: **0800 030 80 80**
- Email: **Helpdesk@Tideway.London**



THANK YOU



Tideway

RECONNECTING LONDON WITH THE RIVER THAMES

#SuperSewer

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