



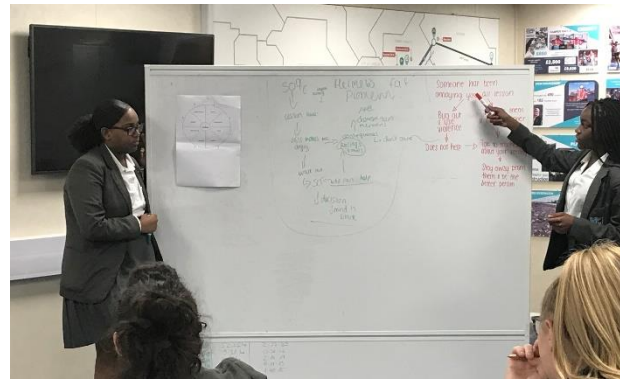
Chambers Wharf Community Liaison Working Group

Monday 25 November 2019

Legacy



- We started our 4th Breaking Barriers programme in September
- Run for 12-weeks with both St Michael's and Harris Girls Academy
- Focuses on soft skill development and mentoring combined with rowing
- Targeted at middle students who do not necessarily receive as much attention as their most or least academic peers




Apprenticeship Q&A Event with the



CONSTRUCTION
YOUTH TRUST

- Information event regarding apprenticeships as an alternative to university
- Members of staff formed a panel for the questions and answers session, consisting of four apprentices currently completing civil engineering degrees and two HR representatives
- An invitation was sent to residents living within 250m of the site, which included a sentence for the Tideway translation line in Nigerian (Yoruba), Polish, Chinese, Hindi, Arabic and Somali.
- Attendees included 32 Students, 3 parents and 1 teacher (plus 4 unknown)

NEWS FROM OUR SITE

WOULD YOU LIKE TO FIND OUT MORE ABOUT APPRENTICESHIPS IN CONSTRUCTION?

IS YOUR CHILD LEAVING SCHOOL SOON?

Tideway is hosting an Apprenticeship Q&A event with the Construction Youth Trust to encourage students and parents to find out about apprenticeships in construction and engineering. It is aimed at students and parents of school-leavers who may be considering an apprenticeship as an alternative to university.

The talk is on **Tuesday 22 October** from 1.00 – 3.30 pm in the Chambers Wharf Visitor Centre on Chambers Street. If you would like to come along, please contact Wendy Heller at the Construction Youth Trust – more information overleaf.

If you do not understand this leaflet, please contact our Helpdesk to request the translation service.

Please note that the event on **Tuesday 22 October** will be in English.

Ti iwé àlàyé pélebé yí kò bá yé ò tó, jówó kàn sí Tàbíli iránjówó wá láti bíèrè fun ètò ipèsè itumọ̀ èdè.

Haddii aadan fahmin qoraalkan yar, fadlan la xiriiir Xarunta Caawimaada si aad u codsadii adeegga turjumaadda.


如果您看不懂本宣传册，请联系我们的帮助台，申请获取翻译服务。

Jeżeli nie rozumiecie Państwo treści niniejszej ulotki, prosimy o kontakt z naszym biurem pomocy (Helpdesk) i poprosić o jej przetłumaczenie.

यदि आप इस चक्कर (लीफ़लेट) को नहीं समझते हैं, तो कृपया अनुवाद सेवा का अनुरोध करने के लिए हमारे हेल्पडेस्क से संपर्क करें।

إذا لم تفهم هذا المنشور، فيرجى الاتصال بمكتب المساعدة الخاص بنا لطلب خدمة الترجمة.

24 HOUR HELPDESK 08000 30 80 80
helpdesk@tideway.london | Freepost TIDEWAY
www.tideway.london

 @TidewayLondon

“A multitude of helpful information was provided towards what an apprenticeship is, the pros and cons and how to find them”



Feedback from community survey

Thank you to those who took the time to fill out our community survey

We are now reviewing the feedback and will provide you with an update in the New Year on areas we may be able to improve further

Some of the common areas that were raised to improve on

Cleaning of pavement on Chambers Street

More info on Section 106 projects

More information on timeline

Info on what the site will look after construction

What you said we did well

Well organised and clean

Responded to my enquiries promptly

Advance notice

Step by step information on the project progress

General communication leaflets and a helpful response

Friendly and helpful

Community collaboration

Responsible approach. Great team

Coming up...

- The annual lantern procession for the Illuminate Bermondsey and Rotherhithe Festival is this Friday, 29 November.
- North Bermondsey Job & Volunteering Fair is also this Friday between 11 and 3pm at Wade Hall
- We're supporting the hygiene bank appeal this Christmas with donations of toiletries for less fortunate young people, whilst also making a charitable donation to the Samaritans
- Closed for Christmas - there will be no construction works from the afternoon of Tuesday 24 December, restarting on Thursday 2 January



North Bermondsey Job & Volunteering Fair 2019

Come and find out what local opportunities are available.

Friday 29 November 2019, 11am - 3pm
Wade Hall Dickens Estate,
Parkers Row, London SE1 2DH

Entry: **Free** Access: 

• Job Vacancies	Buses: Jamaica Road Abbey St (Stop J) 47,381,188,C10
• Training and Apprenticeships	Underground: Bermondsey Station
• Advice Guidance and Support	
• Volunteering	

RSVP to secure your place
Email: Jackie.Christie.CommunityEngagement@southwark.gov.uk

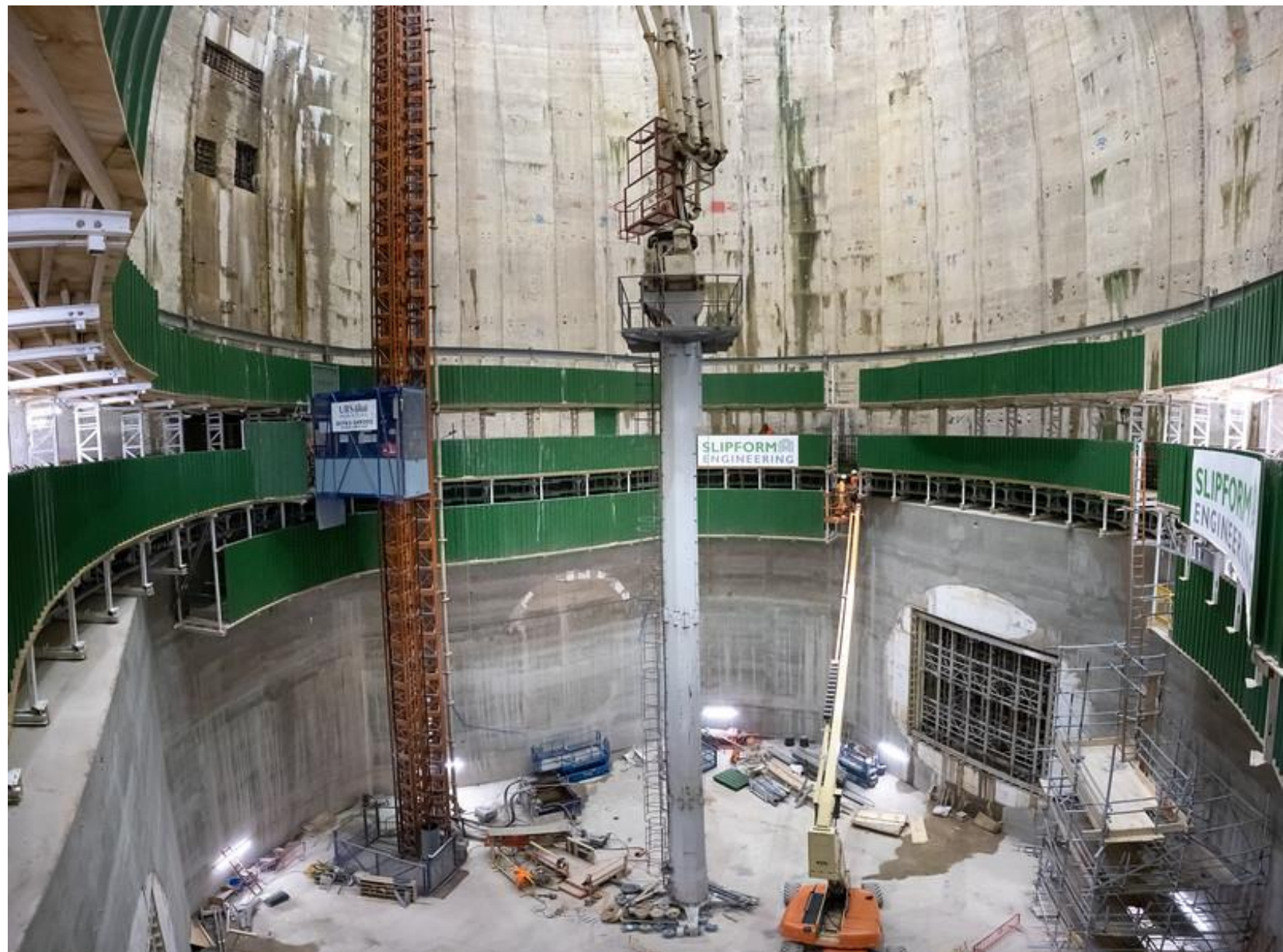
southwark  facebook.com/southwarkcouncil





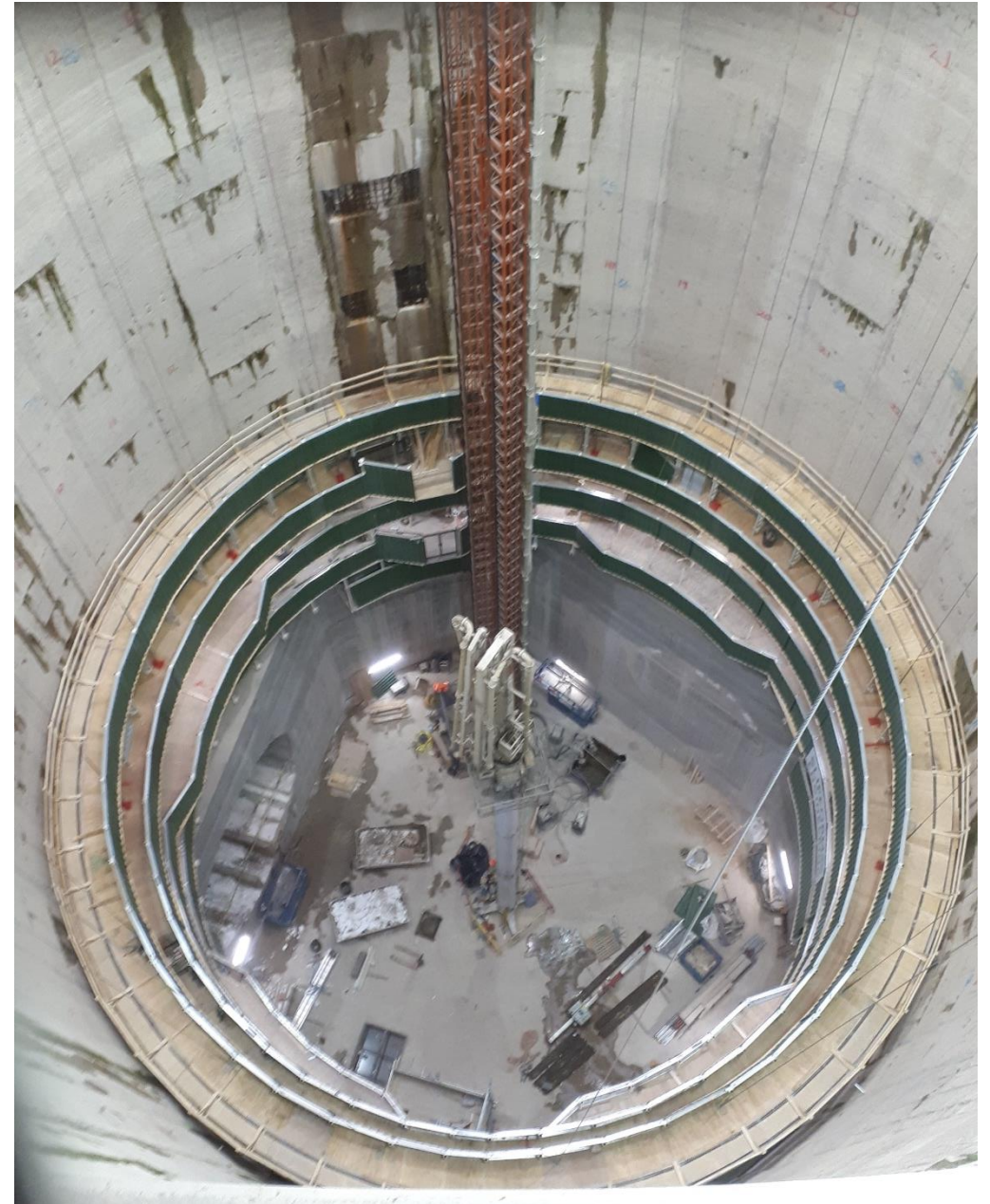
CONSTRUCTION UPDATE

Shaft portals - complete



Shaft secondary lining

- We have started works for the secondary lining, ahead of concreting planned through December
- Secondary lining is a second reinforced layer of concrete inside the shaft wall (slipform)
- The formwork will sit inside the full curved perimeter of the shaft (25m diameter) and be concreted in sections. Once a section is poured, the formwork will be gradually raised until the secondary lining is complete
- Concrete will be supplied by the batching plant inside the acoustic enclosure
- 24 hour / 5 day per week activity (enclosure doors closed from 6pm)
- This may also require occasional deliveries of cement up to 22:00 to continue the pour



Filling the gap between the shaft walls

- There will be a gap between the secondary lining and diaphragm walls (outer shaft wall) called the annulus
- This will be filled with concrete in the new year, ahead tunnelling
- Concrete will be supplied by the batching plant inside the acoustic enclosure
- Concreting will continue continuously 24 hour / 5 day per week, with the enclosure doors closed from 6pm

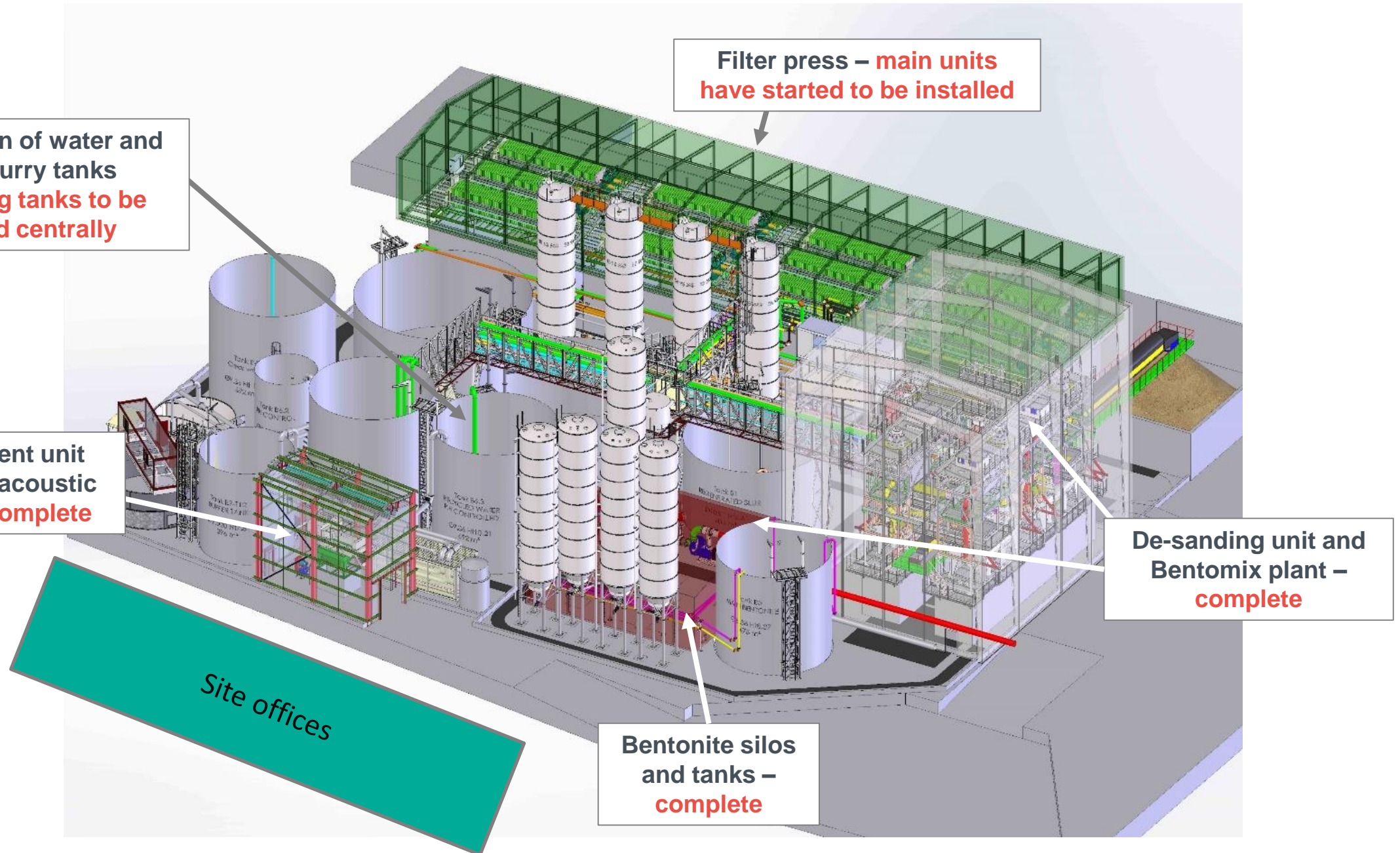
Slurry Treatment Plant progress

- The acoustic cladding is complete on the de-sanding unit and bentomix building's enclosures
- We have started to install the filter press and remaining tanks, whilst continuing to install mechanical systems and pipework
- Installation will continue into February 2020



The STP will be used to separate the material excavated during tunnelling, before it is taken away from site by barge

Slurry Treatment Plant



Barge movements this year... so far

19 portal cages (490 tonnes) have
been delivered by barge, avoiding
15 wagons

For spoil, **70** barges have removed
90,462 tonnes

Avoiding **5,025** lorry movements
not necessary in and out
of Chambers Wharf



*Since 2017, we have avoided **13,246** lorry movements*

Section 61 for Shaft Construction Phase

- Section 61 phase five for tunnelling works – approved by LB Southwark covers:
October 2019 to October 2020

Permitted Site Working Hours

Standard Working Hours: 08:00 to 18:00 (Monday to Friday) and 08:00 to 13:00 (Saturday)

Extended Working Hours

- 18:00 to 22:00 (Monday to Friday). 08:00 to 17:00 (Saturday)
- General works limited to tidally influenced marine movements, lighting (task specific) and gantry crane movements within shaft enclosure

Continuous Working Hours (24/7)

- For steel fixing and base slab preparatory works, phase 2 shaft excavation (within enclosure) and secondary concrete lining construction.
- Base slab concrete pour – Friday to Saturday

Mobilisation and demobilisation Hours

- 07:00 to 08:00 and 18:00 to 19:00 (Monday to Friday). 07:00 to 08:00 and 13:00 to 14:00 (Saturday)
- 22:00 to 22:30 (Extended working hours activities) (Mon to Fri). 17:00 to 17:30 (Extended working on Saturdays)

Approved S61 for tunnelling works – more detail

This Section 61 covers:

Tunnel adits

- Tunnel adits will be the first sections of tunnel at the base of the shaft
- The first will be 30 metres long to launch our tunnel boring machine (TBM). The other adit will extend 16 metres and be the final destination of the TBM that arrives from Tideway's central section
- It will be gradually excavated while lining the adit with sprayed concrete
- Concrete supplied from our batching plant inside the acoustic enclosure

Tunnelling

- Set up and TBM arrival (pictured bottom right). The TBM will arrive by barge and lowered into the shaft for tunnelling
- This will be a continuous activity: 24 hours / 7 days a week, planned from early 2020
- The slurry treatment plant will also run continuously to support tunnelling activities



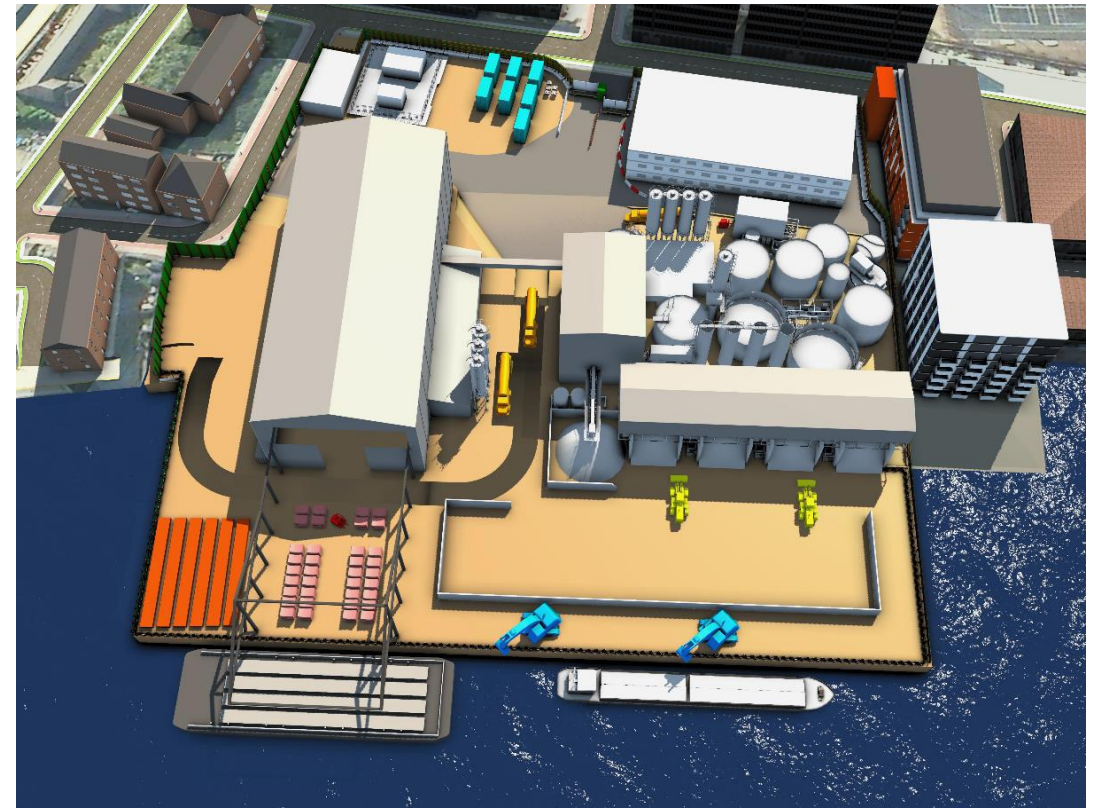
Pictured top right is an example of a tunnel adit being constructed



TBM 'Selina'

What to expect during tunnelling

- Continuous working inside the acoustic enclosure: 24 hours / 7 days a week
- Running of the slurry treatment plant (STP) continuously to support tunnelling
- Movement of treated tunnelled material from the STP to the muck bins using two loading shovels up to 18:00 and where required 22:00 Monday to Saturday



12-month draft look-ahead

Programme Overview	2019		2020										
	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
Shaft Secondary Lining and Portals													
SCL Tunnel Adits													
Tunnelling Set Up													
TBM Delivery													
Tunnelling													
Erection of Slurry Treatment Plant													
Support Activities (Marine, Maintenance, etc,)													

- Standard Working Hours

(08:00 - 18:00) Monday to Friday, (08:00 - 13:00) Saturday
- Extended Working Hours

(08:00 - 22:00) Monday to Friday - Support activities
- (08:00 - 13:00) Saturday - (Support activities to 17.00)
- Continuous Working Hours

(00:00 - 00:00) Monday to Sunday

Chambers Wharf Target Programme

Programme Overview	2019	2020	2021	2022	2023
	O N D	J F M A M J J A S O N D	J F M A M J J A S O N D	J F M A M J J A S O N D	J F M A M J J A S O N D
Shaft construction - Lining and Adits					
Slurry Treatment Plant - Installation					
Tunnelling					
Secondary lining - Tunnel					
River wall construction					
Shaft finishings					
Cofferdam removal					
Mechanical & Electrical works					
Systemwide Commissioning					

- Standard Working Hours

(08:00 - 18:00) Monday to Friday, (08:00 - 13:00) Saturday
- Extended Working Hours

(08:00 - 22:00) Monday to Friday - Support activities
- (08:00 - 13:00) Saturday - (Support activities to 17.00)
- Continuous Working Hours

(00:00 - 00:00) Monday to Sunday

Permanent above ground structures

- River wall
- Ventilation columns, electrical, control kiosk and a stand alone piece of artwork

The application has been approved by London Borough of Southwark.

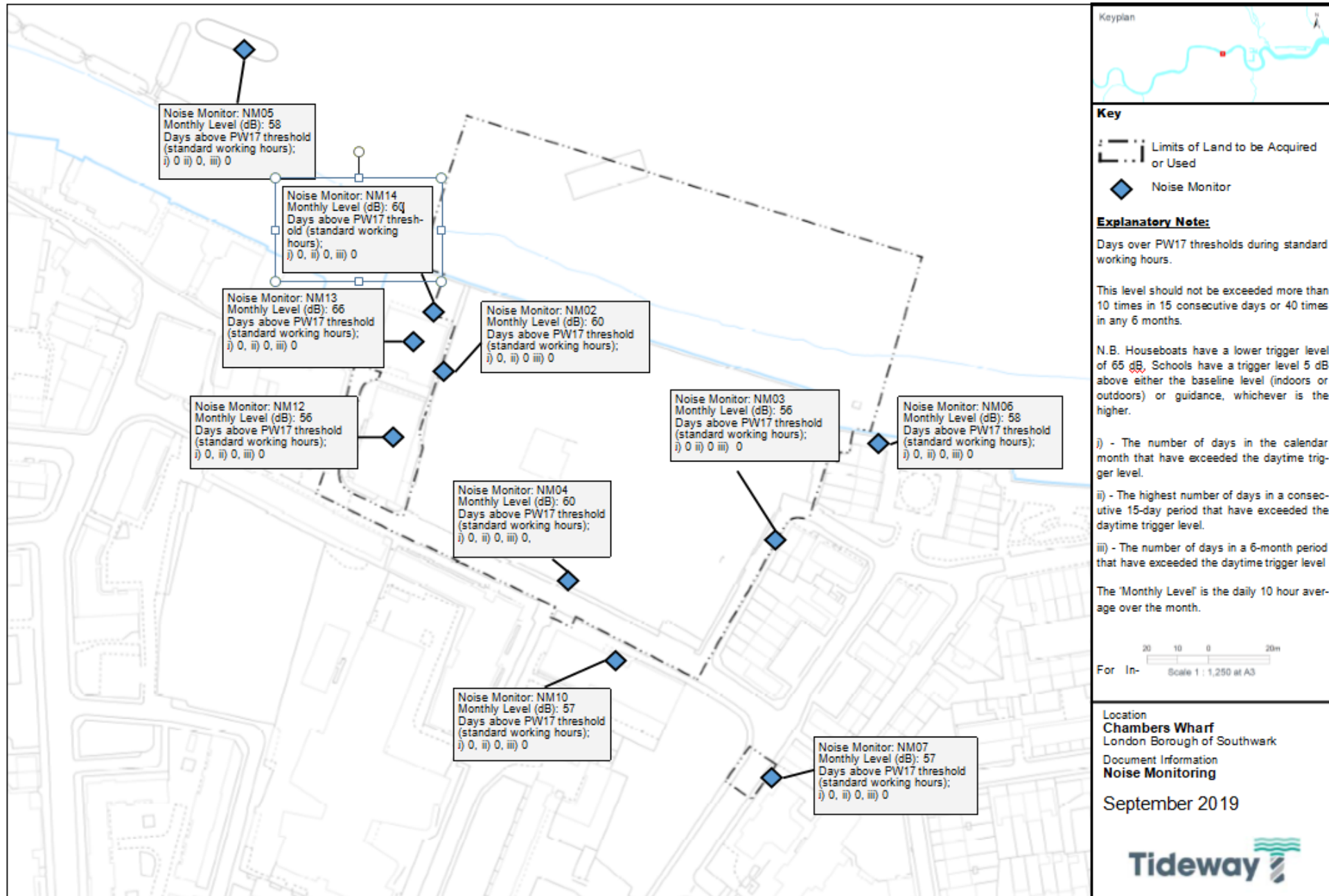
The final details can be viewed online at <https://planning.southwark.gov.uk/online-applications/> by searching for the application references;

- '19/AP/1465' - river wall
- '19/AP/1415' - permanent works.

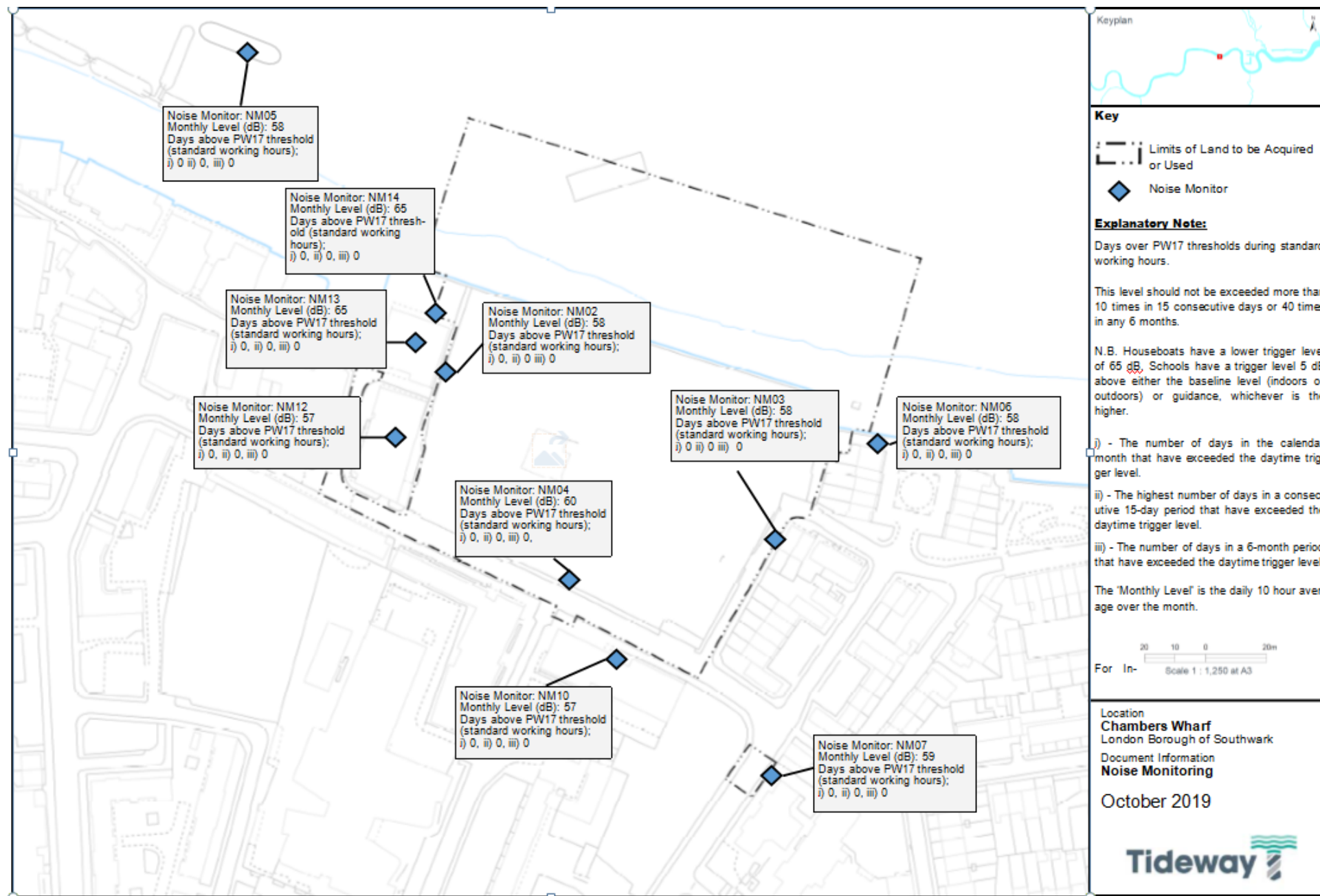
Construction of these elements are expected to commence in 2022.

Noise and Air Quality

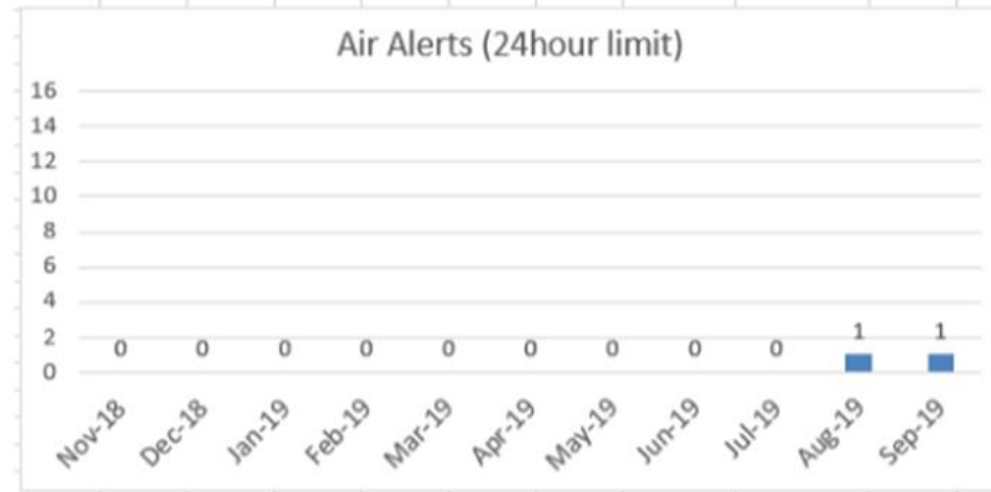
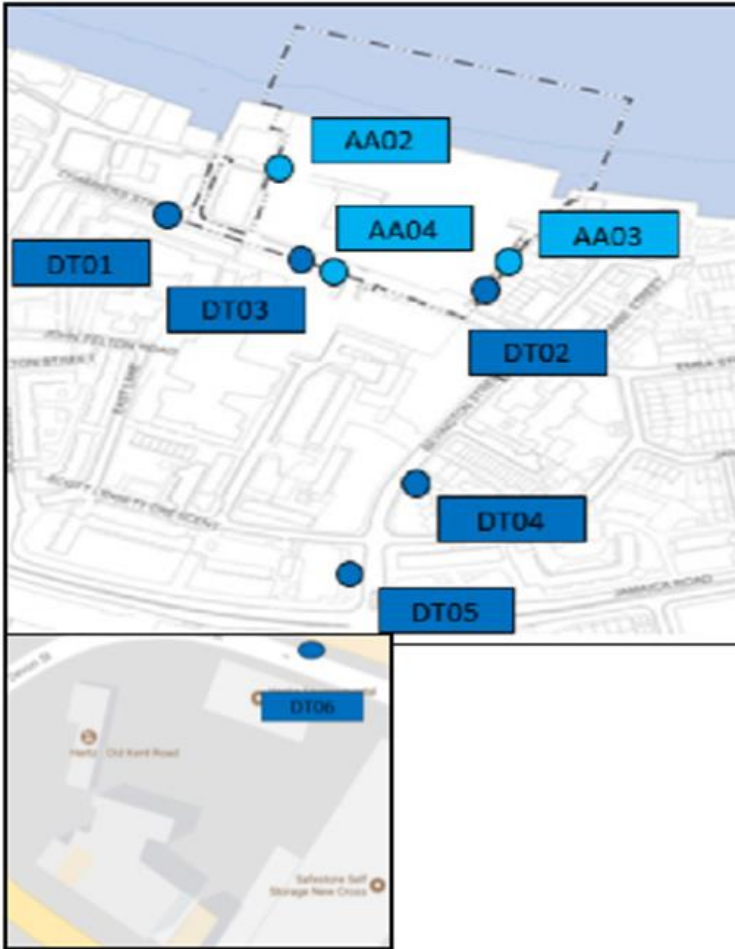
Noise - September 2019



Noise - October 2019



Air Quality - September 2019



There was 1 no. 24 hour dust alert (AA03) during September 2019.

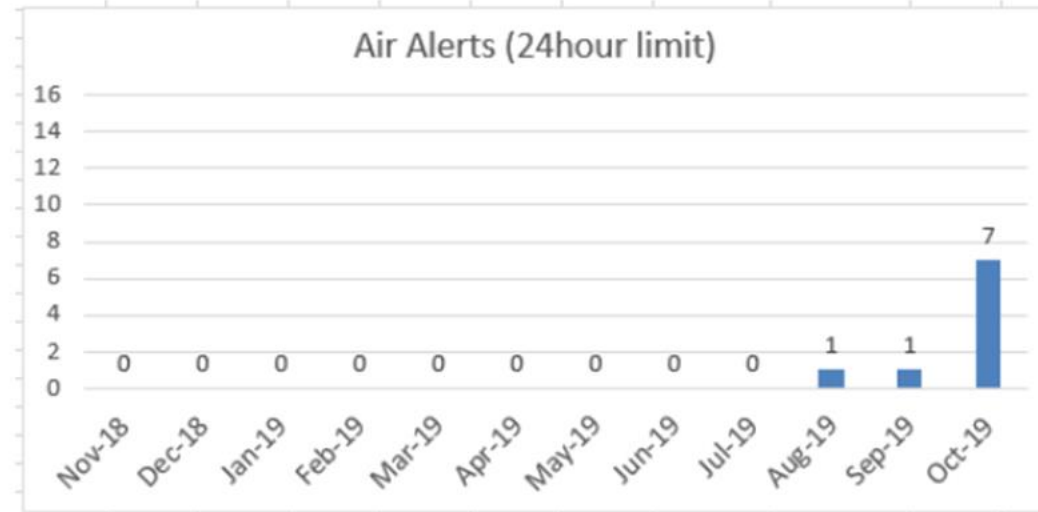
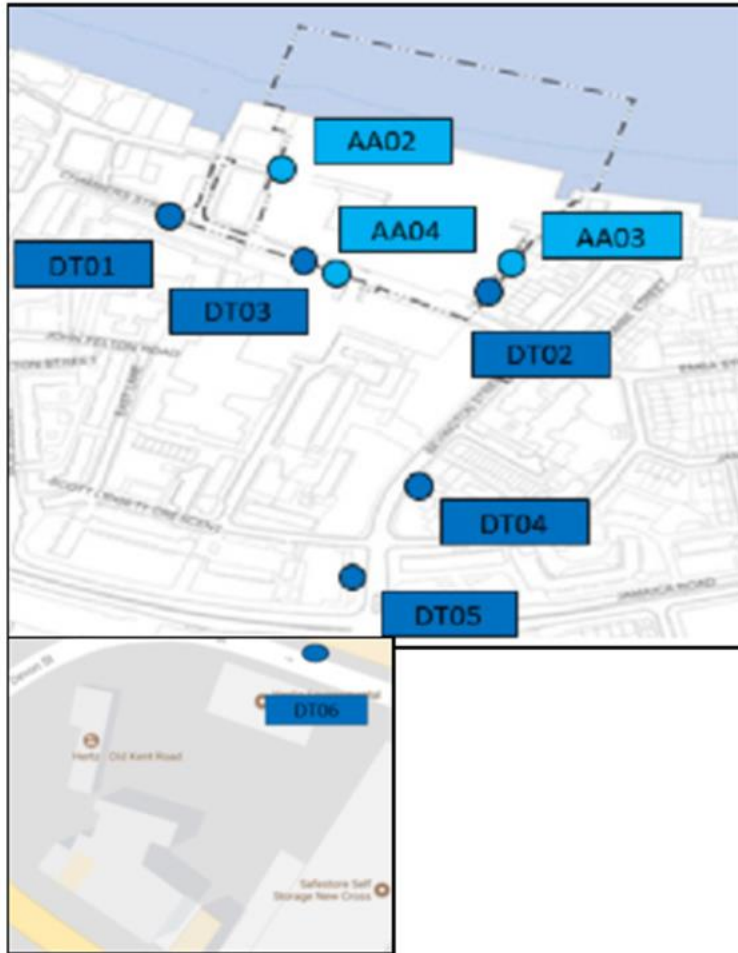
It was suspected that this was due to condensation in the inlet of the unit as there was no work taking place in the vicinity during the time in which high levels were recorded (during the night).

No exceedances were noted at any other monitoring points and no work was taking place during times of elevated measurement.

Location	UK Air Quality Objective	NO ₂ ug/m3
DT1	40	27.64
DT2		24.8
DT3		27.35
DT4		26.93
DT5		35.78
DT6		33.8

Total Allowable Alerts	35 per year
Total September alerts	1
No. of alerts (12-month rolling)	2
No. of alerts due to CVB works (upon investigation)	0

Air Quality - October 2019



There was 7no. 24 hour dust alert (**AA03**) during October 2019.

Exceedances were due to strangely high levels, mainly during periods when CVB were not doing any work at all or in the vicinity. There seems to be a correlation between exceedances and high rainfall and wind events.

No exceedances were noted at any other monitoring points and no work was taking place during times of elevated measurement.

Total Allowable Alerts	35 per year
Total October alerts	7
No. of alerts (12-month rolling)	9
No. of alerts due to CVB works	0

Air quality exceedances (AA03a) – actions taken

- **Thorough site inspection conducted every time an alert was received.**
- **Inspection of site undertaken by London Borough of Southwark.**
- **Increase frequency of road-sweeper cleaning on hardstanding areas.**
- **Washing hoarding.**
- **Specialist technicians service of air monitoring unit.**
- **Review of CCTV in vicinity**
- **Including air quality investigation on security team agenda during night-time**

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

Telephone: 0800 030 80 80

Email: Helpdesk@Tideway.London