



# **Chambers Wharf Community Liaison Working Group**

**Monday 4 March 2019**





**CONSTRUCTION UPDATE**



# Acoustic Enclosure

- 100% complete
- The second gantry crane and river facing door were complete in February

Photo below of the second gantry crane outside of the enclosure



Photo above taken from inside the enclosure (facing north) with the gantry crane, which will lift materials in and out of the shaft





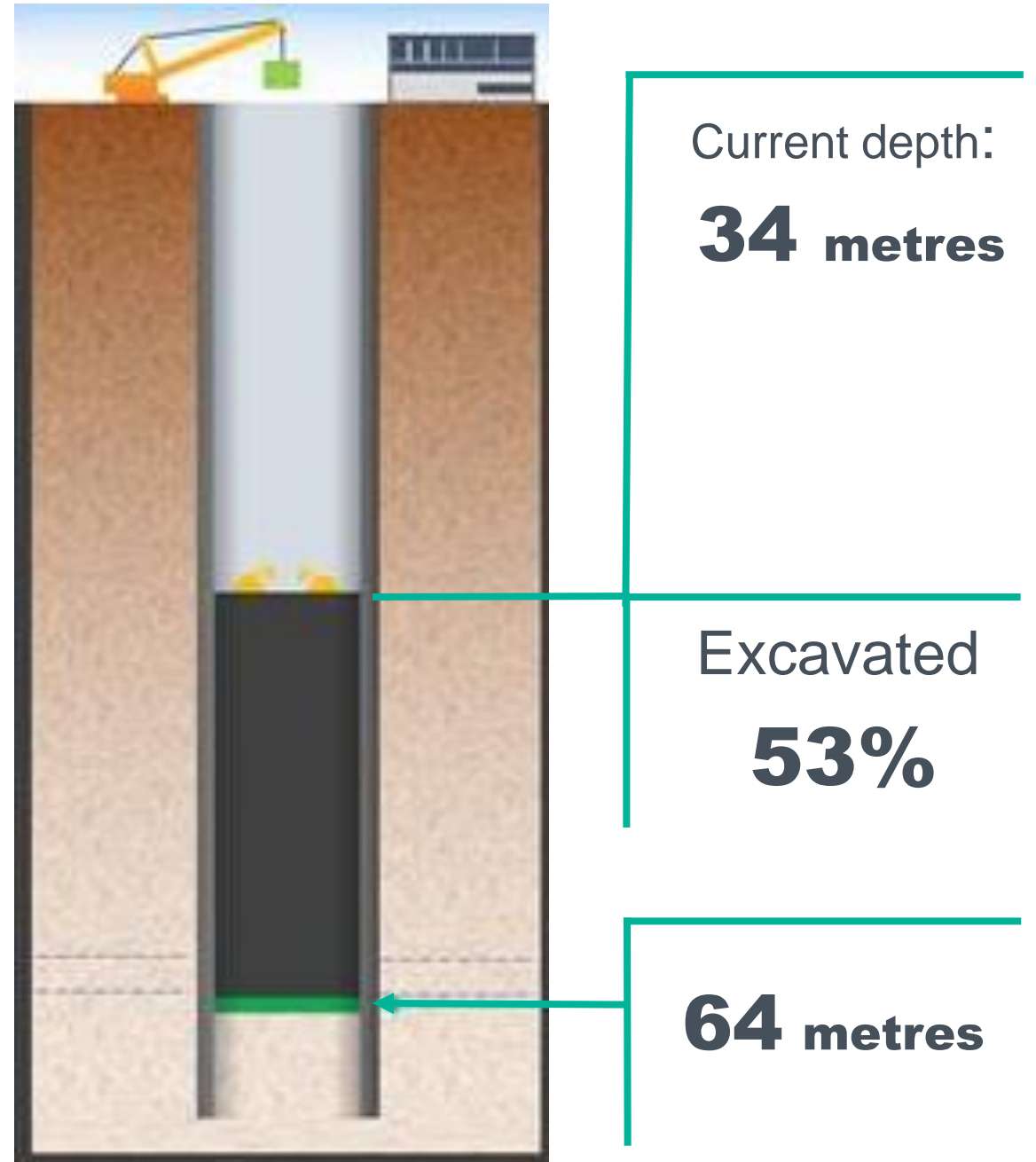
**SHAFT**

# Shaft excavation

- Shaft excavation now at 34m below ground
- We will be digging and removing spoil using excavators until we get to a depth of 64 metres

## Continuous working

- Started on Monday 11 February
- 24-hours per day, Monday to Friday, with the acoustic enclosure doors shut at 18:00
- Movement of excavated material outside the acoustic enclosure within normal working hours only





# Barge movements this year

(Jan-Feb)

**24** barges removed  
**25,867** tonnes of spoil  
avoiding over **1,437**  
lorry movements  
in and out of Chambers  
Wharf



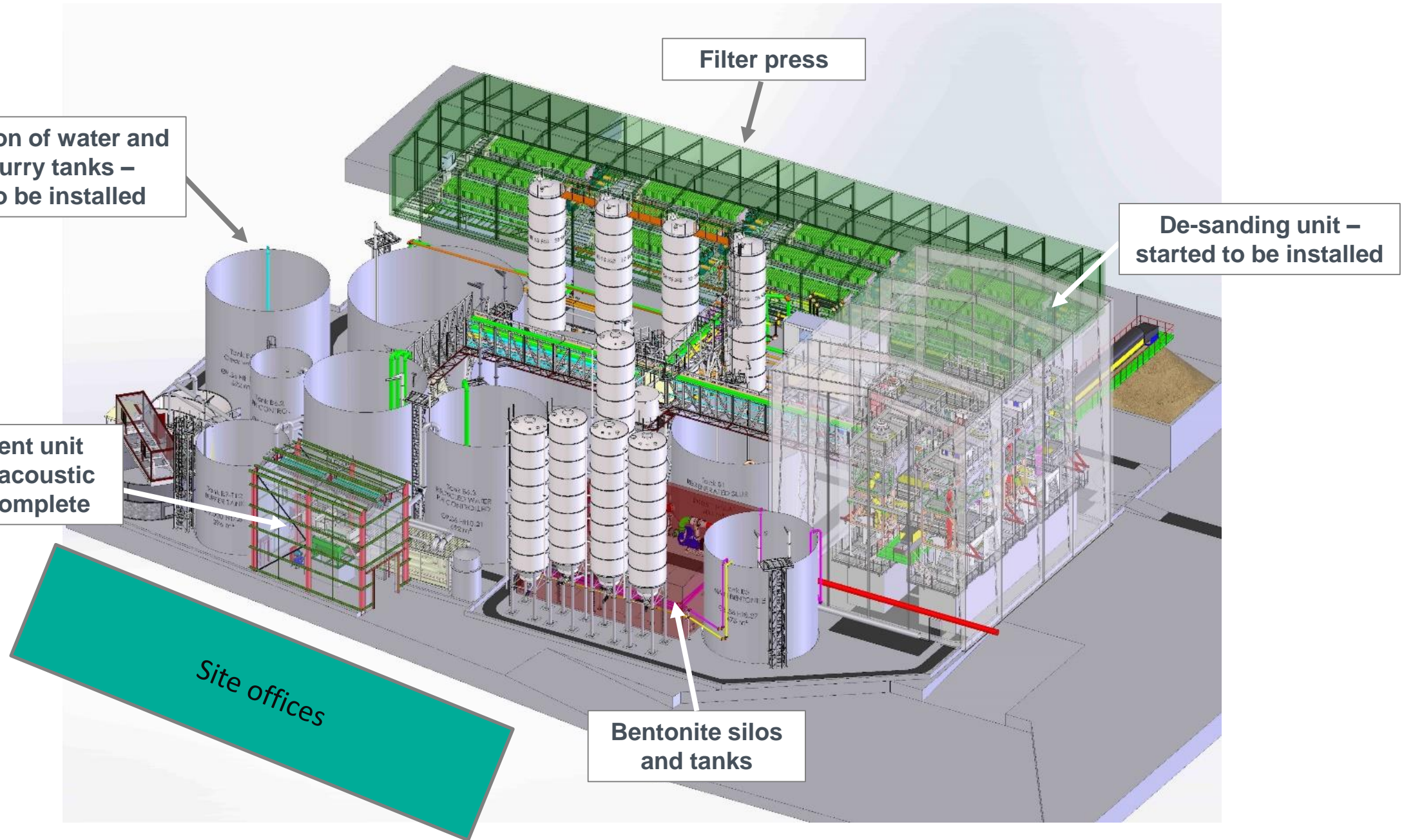
# Slurry Treatment Plant

- Foundations are over 90% complete
- This month there will be a small amount of concrete breaking for the final sections of the foundations
- Sections of the de-sanding unit travelled from France last week and have started to be installed
- Installation of the STP will continue throughout this year





# Slurry Treatment Plant





## 24-hour concrete pour for the base slab in the shaft (May 2019)

- The base slab will be the reinforced concrete structure at the bottom of the shaft
- It must be poured in one continuous operation to ensure quality and groundwater tightness
- Concreting the base slab will last approximately 36 hours
- We have greatly reduced the size of the slab by careful design, which means it can be poured much faster than base slabs on other Tideway sites. Original slab design was approx. 400 wagons. Our newly designed slab = approx. 200 wagons



## Mitigation during base slab pour

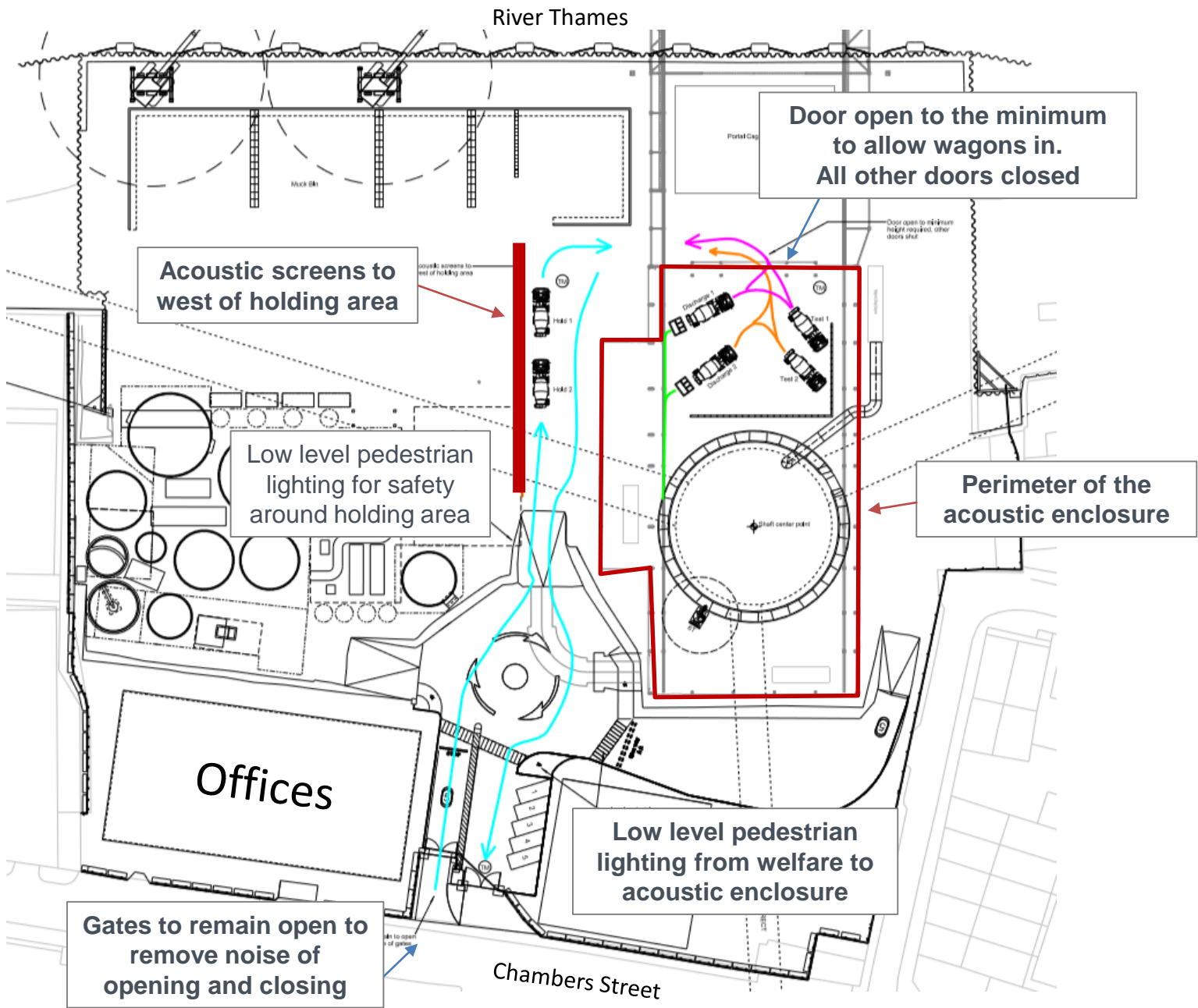
- All concrete pumped from inside the acoustic enclosure
- Acoustic screens placed around waiting vehicles
- One way system to minimise wagon movements and eliminate the use of reversing alarm
- No flashing lights on moving plant
- Concrete tested inside the acoustic enclosure
- Wherever possible, concrete wagons will be washed off site
- Weekend working to reduce disturbance compared to the week (Friday to Saturday)
- Keep site lighting to the minimum needed for safe working
- Brief all our workers to keep noise to a minimum and display considerate behaviour
- Wagon drivers told to drive slowly to and from the site and to remain in their vehicles between 22:00 and 08:00



## Friday to Saturday for the continuous pour

- **Reduced traffic on Fridays and Saturdays**
- **Full use of the concrete batching plant on Friday night and Saturday, which enables them to focus on concrete for the base slab pour**
- **Less risk of an overrun**

# Planned site setup during 24 hour base pour





# Shaft Base Slab Construction – Continuous Concrete Pour

Some people are affected more than others by construction work such as noise and vibration. If you feel you may be affected by any of Tideway's work, including the upcoming base plug concrete pour in May –

Apply to the Independent Compensation Panel (ICP) to be considered a Special Case

You can make an application for additional mitigation or temporary respite during these works.

## Where do I go for information?

Visit the Chambers Information Centre, open on Wednesdays 2pm to 7pm

Tideway Helpdesk - the Mitigation and Compensation Lead will then contact you: **08000 30 80 80** or [helpdesk@tideway.london](mailto:helpdesk@tideway.london)

Talk to Jacqueline Christie, Consultation and Involvement Officer LB Southwark [Community.Engagement@southwark.gov.uk](mailto:Community.Engagement@southwark.gov.uk) or **07840 647604**

Independent Advisory Service (IAS) Helpline for independent advice: **0800 917 8845** or [info@tidewayias.co.uk](mailto:info@tidewayias.co.uk)

## How do I make an application?

Our Mitigation and Compensation Lead can submit a claim to the ICP on your behalf,

Jackie Christie, LB Southwark Consultation and Involvement Officer can submit a claim on your behalf.

You can apply directly to the ICP: [admin@tidewayicp.london](mailto:admin@tidewayicp.london)

If you have any further questions, please contact the Tideway Helpdesk on **08000 30 80 80** or email [Helpdesk@tideway.london](mailto:Helpdesk@tideway.london).

# Section 61 for Shaft Construction Phase

Section 61 phase four covers anticipated construction work: June 2018 - June 2019  
Minor amendments to S61 to cover programme changes and STP setup – consented  
Continuous base slab pour approved by LB Southwark

## 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
- Phase 2 shaft excavation material movements

Movement of excavated material outside of the shaft enclosure up to 20:00 Monday to Friday; up to 17:00 on Saturdays. For six weeks or to 30m depth, whichever is sooner – complete

### **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) (Monday to Friday). 17:00 to 17:30 (Extended working hours activities) (Saturday)

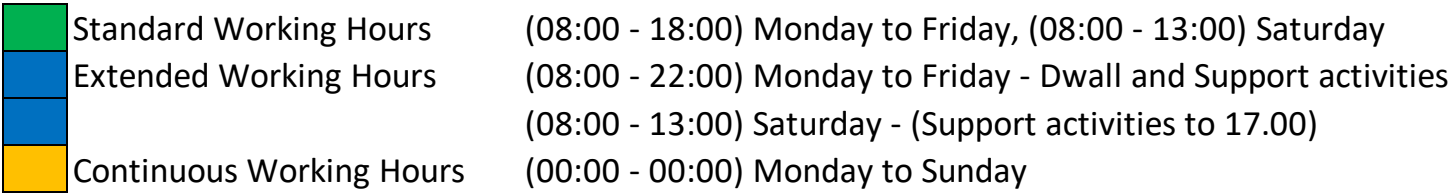
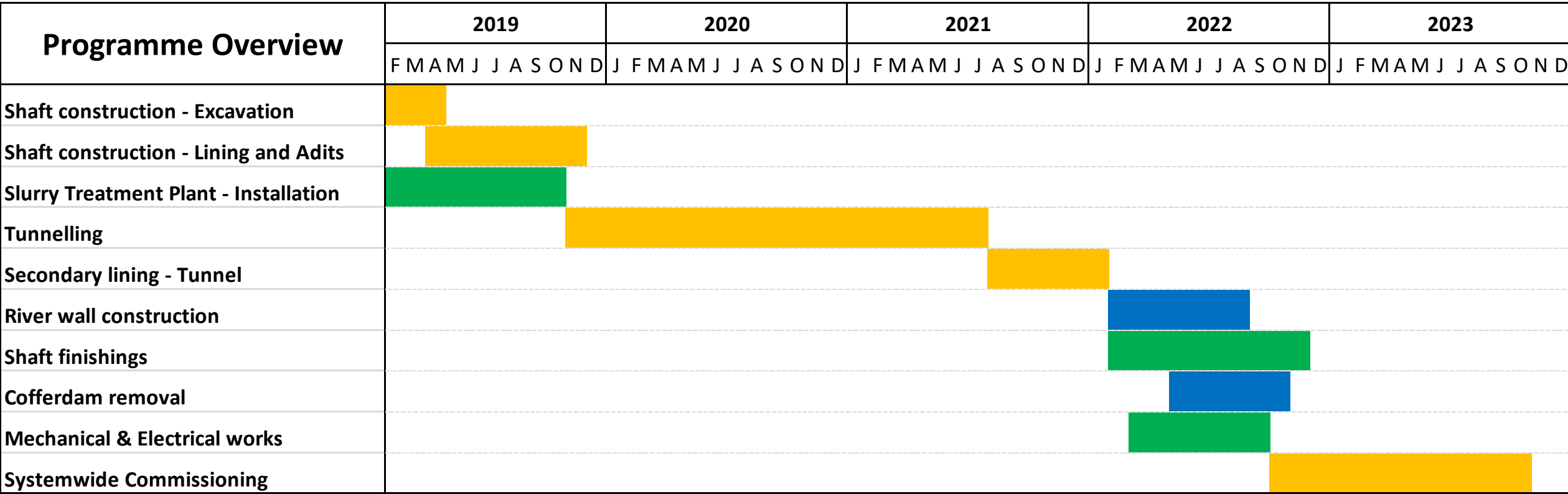


# 12-month draft look-ahead

Programme Overview	2019											2020
	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
Main Shaft Excavation (24hr) Inside Enclosure												
Shaft Base Slab												
Shaft Secondary Lining and Portals												
SCL Tunnel Adits												
Tunnelling Set Up												
TBM Delivery												
Slurry Treatment Plant - Filterpress												
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 - Dwall and 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





# Application for permanent designs

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

Applications for the approval of design details for the new river wall and ventilation columns, electrical, control kiosk and a stand alone piece of artwork, are planned to be submitted to the London Borough of Southwark later this month (towards the end of March).

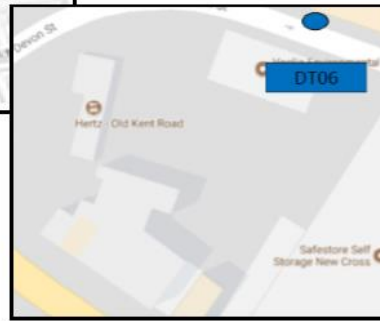
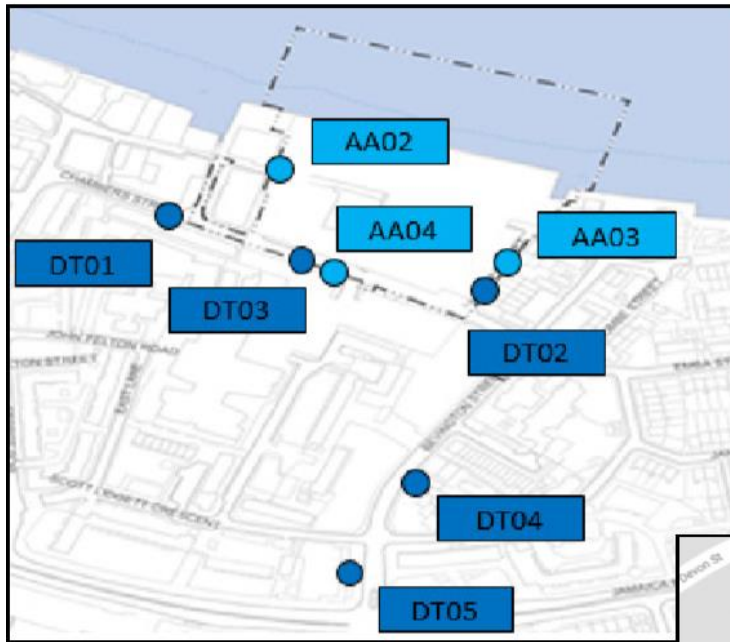
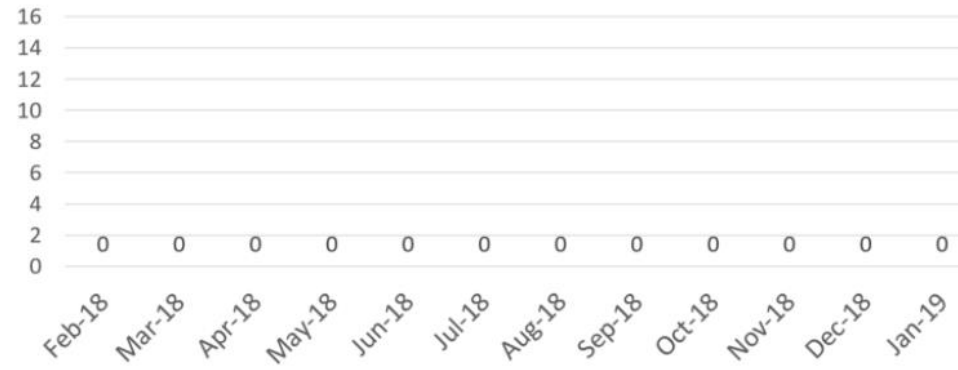
We will provide a further update in the weekly update.

# Noise and Air Quality



# Air Quality - January 2019

Air Alerts (24hour limit)

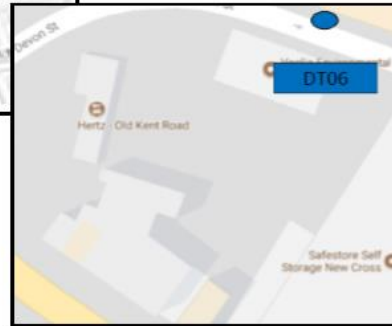
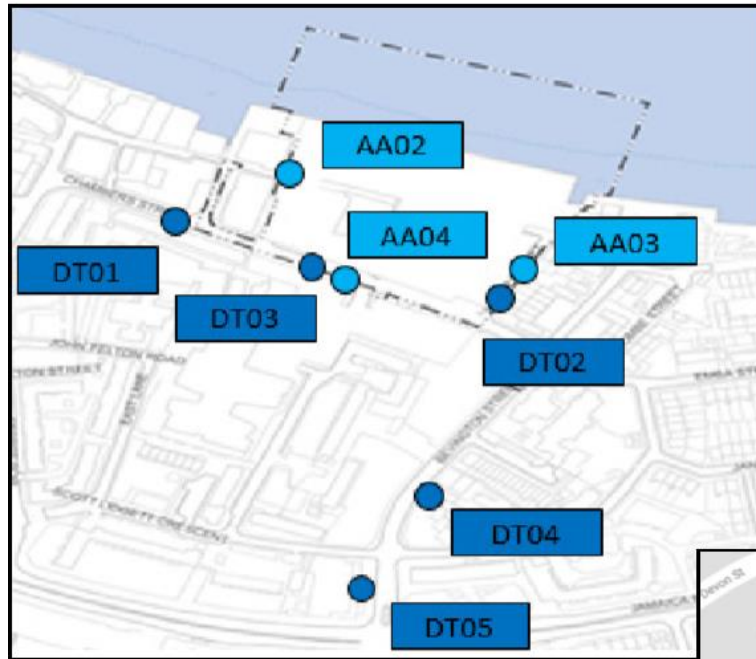


Location	UK Air Quality Objective	NO <sub>2</sub> µg/m <sup>3</sup>
DT1	40	33.07
DT2		31.41
DT3		32.22
DT4		31.90
DT5		37.67
DT6		34.87

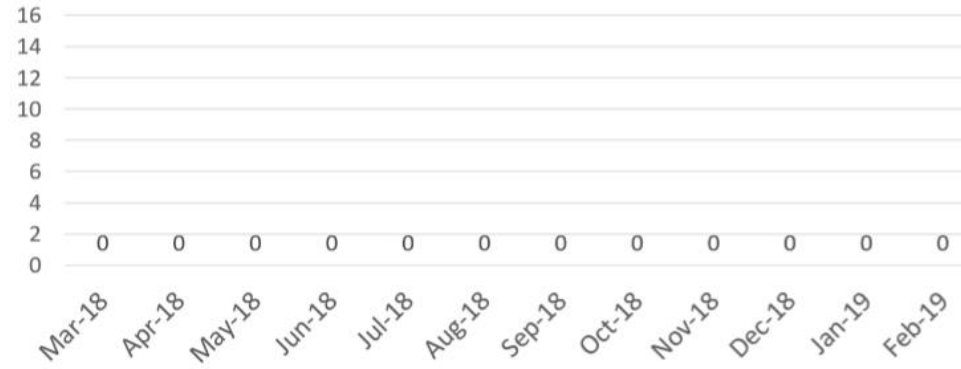
	TSP	PM10	PM2.5
Number of 24-hour mean PM10 alerts	-	0	-
Number of 15-min PM10 alerts	-	0	-
Monthly mean	16.20	11.66	7.72
Annual mean Air Quality Objective	-	40	25
Data Capture	96	96	96

Total Allowable Alerts	35 per year
Total January Alerts	0
Number of Alerts (12-month rolling)	0

# Air Quality - February 2019



Air Alerts (24hour limit)

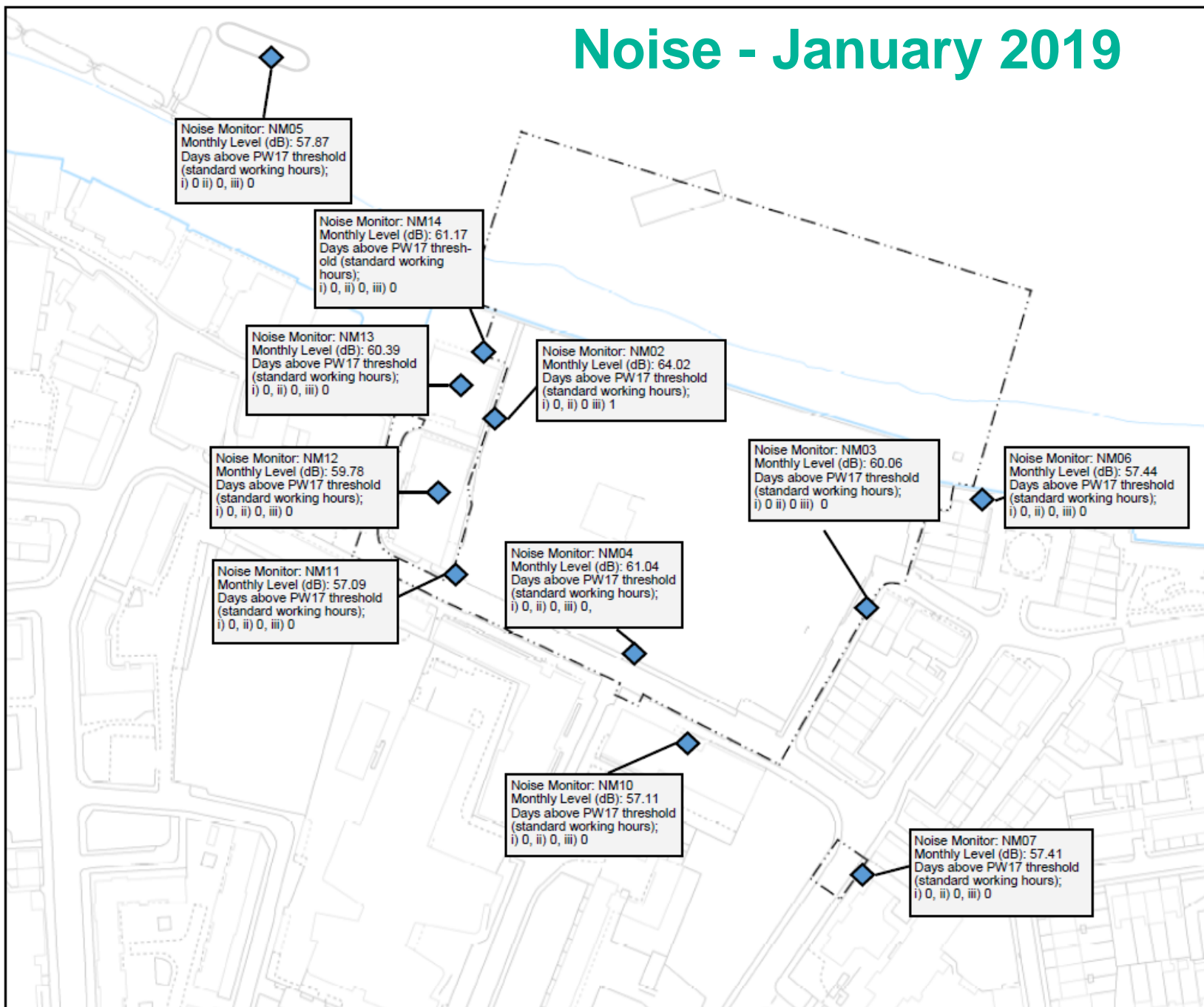


There were no 24 hour dust alerts during February 2019

Total Allowable Alerts	35 per year
Total February Alerts	0
Number of Alerts (12-month rolling)	0



# Noise - January 2019



Keyplan

## Key

--- Limits of Land to be Acquired or Used

◆ Noise Monitor

## Explanatory Note:

Days over PW17 thresholds during standard working hours.

This level should not be exceeded more than 10 times in 15 consecutive days or 40 times in any 6 months.

N.B. Houseboats have a lower trigger level of 65 dB. Schools have a trigger level 5 dB above either the baseline level (indoors or outdoors) or guidance, whichever is the higher.

i) - The number of days in the calendar month that have exceeded the daytime trigger level.

ii) - The highest number of days in a consecutive 15-day period that have exceeded the daytime trigger level.

iii) - The number of days in a 6-month period that have exceeded the daytime trigger level

The 'Monthly Level' is the daily 10 hour average over the month.

20 10 0 20m

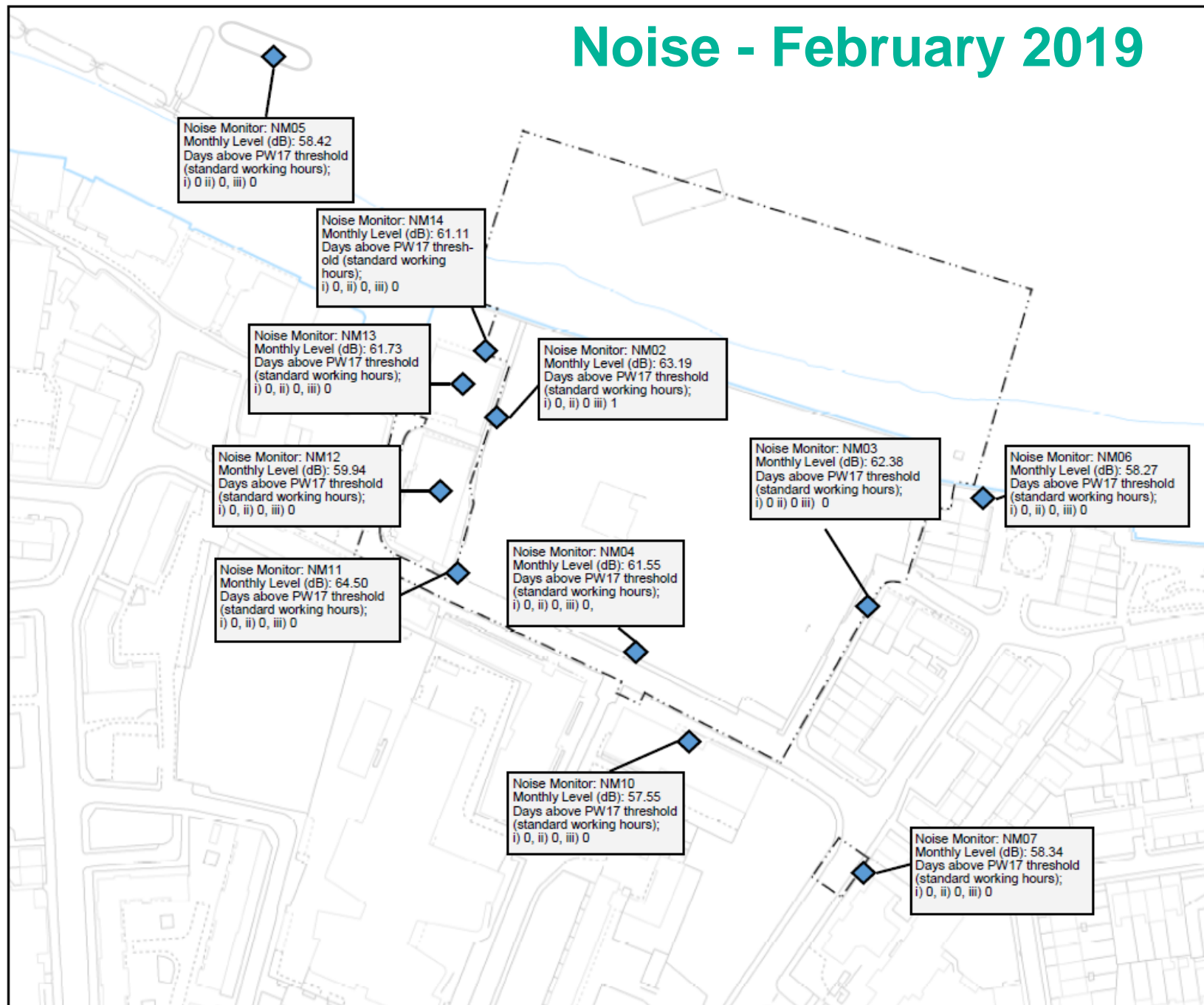
For In- Scale 1 : 1,250 at A3

Location  
**Chambers Wharf**  
London Borough of Southwark  
Document Information  
**Noise Monitoring**

January 2019

**Tideway**

# Noise - February 2019



## Key

- Limits of Land to be Acquired or Used
- Noise Monitor

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Location  
**Chambers Wharf**  
London Borough of Southwark

Document Information  
**Noise Monitoring**

Feb 2019

# Legacy



# Foreshore clean-up – Cutty Sark

- Two events so far this year
- The first along the Thames's beach near the Cutty Sark in Greenwich
- 8 bags of rubbish collected



Found this clay pipe near the opening of the Deptford Creek





# The second in Wapping

- Along the King Edward Memorial Park
- Our focus was on clearing plastic, but we also collected a motorbike, bicycle and shopping trolley!





# Tunnelling Operative Apprenticeships

- Large amount of interest!
- First of its kind to be offered in the construction industry
- 59 people attended the assessment days last week, including from our local boroughs

**Our Tunnelling Manager said:**

*“There was great potential with some of the attendees at the assessment days.*

*It was nice to see a few candidates who were using the apprenticeship to make a complete career change and who wanted to be a part of the Tideway legacy.*

*I expect a good few of them who were interviewed will go on to make a very successful careers in tunnelling.”*





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

**Telephone: 0800 030 80 80**

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