

# WEEKLY SITE UPDATE



Tideway



VINCI  
CONSTRUCTION

GRANDS PROJETS



26 April 2024

## THIS WEEK

The site team has been:

- Piling for the new, permanent river wall that remains once Tideway construction works are complete
- Constructing the river wall capping beam which will connect the new permanent river wall to the existing river wall. Work included installing steel reinforcement and the periodic breaking of concrete
- Using a vacuum excavator to clear out concrete from secondary piles of the river wall. This will reduce the concrete breaking we will need to construct the capping beam
- Continuing drainage and ducting work, including the use of an excavator for concrete breakout
- Removing the last elements of the Water Treatment Plant from site
- Working on the air treatment unit (ATU) and electrical control kiosk on the eastern side of the site
- Installing 6m tall, temporary ventilation columns in advance of the permanent bronze columns
- Loading barges with excavated piling and breaking material, using a material handler

## THIS WEEKEND

- On Saturday until 1pm, the team will be using a crane, piling rig and excavator
- We will also be breaking the remaining foundations of the acoustic enclosure
- No work is planned for this Sunday

*Picture shows the site team in the shaft, at the pit bottom, following a final inspection*



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## NEXT WEEK & LOOKAHEAD

- Piling activities for the central section of the new river wall will continue. This will include operation of the rigs, movement of materials, installation of concrete cages and pouring of concrete
- We will continue with capping beam works for the new river wall, with some periodic concrete breaking, steel fixing and concrete pours
- Working on the air treatment unit (ATU) and electrical control kiosk
- Concreting near Luna House
- There is also planned drainage and ducting work, including use of an excavator for concrete breakout
- Broken up sections of site concrete and piling excavated material will be loaded into barges using a material handler
- In early May, we will start backfilling above the shaft, using a roller, wacker plate & excavator. There may be some vibration during compaction of the new surface
- Next month: the site team plans to install the sheet piles for the temporary crosswall in the cofferdam. This will involve some breaking of the concrete slab and sheet piling works (please see more detailed information below in the section Cofferdam Removal).

## WORKING HOURS

River wall piling activities will typically be conducted in extended working hours: Monday to Friday up to 8pm. We will endeavour to finish using the piling rigs at approximately 6pm but other support activities, such as moving materials, installing steel reinforcement cages and pouring concrete, may continue until 8pm.

To allow for possible over-running of the piling works, we have provision agreed with Southwark Council to pour concrete until 10pm, but we will try and avoid this unless absolutely necessary. Certain activities, such as barge movements that are dependent on the tide, may take place between 5am and 10pm. There is also an increased possibility of concreting until 10pm throughout the piling works.

## COFFERDAM REMOVAL

As we approach the end of construction at the Chambers Wharf site, we need to remove the cofferdam which we built into the river. This temporary structure enabled us to construct the tunnel which, once fully operational in 2025, will reduce the tens of millions of tonnes of untreated sewage which are currently discharged into the river during periods of rainfall.

Cofferdam removal is anticipated to begin this summer 2024 and continue until spring 2025. It will require the removal of the concrete slabs across the cofferdam area, the removal of aggregate fill material beneath the slab and ultimately the removal of the steel sheet piles which form the cofferdam. This means that work within this period will vary in intensity, depending upon what activity is being undertaken.

It will be removed in four main stages which are shown in the image overleaf.



*Image showing the four main stages of cofferdam removal*

**STAGE 1 – Installation of sheet pile crosswall.**

The initial stage will require the team to install around 12 new sheet piles in order to divide the existing cofferdam into two. This is known as the Crosswall and is necessary to ensure the cofferdam can be removed safely. The intention is to install these sheet piles using a vibro unit. Depending upon ground conditions, there is a risk that the final metres of these sheet piles may need to be driven into place using an impact piler. The team will avoid this technique if possible. This is expected to take place in mid to late May and take approximately two weeks to complete.

**STAGE 2 – Hinterland Removal**

The first area of cofferdam to be removed will be the ‘hinterland’. The concrete slab will be removed by cutting and breaking out, before the aggregate beneath is removed by excavator and transferred to barges. The removal of the ‘hinterland’ area is expected to start in approximately July / August and we will keep you updated once exact dates are known.

**STAGE 3 – Eastern Cofferdam Removal**

Once the hinterland is removed, works will begin to remove the eastern cofferdam area, beginning next to Fountain Green Square. The concrete surface will be removed by cutting and breaking, before the aggregate material beneath is removed by excavator. Once the aggregate has been removed by barge, the steel sheet piles will be removed using a Dawson hydraulic piler. A vibro piling unit may be required to remove the more stubborn piles and those on the cofferdam corners. The eastern cofferdam removal will begin once the majority of the hinterland has been removed.

## STAGE 4 – Western Cofferdam Removal

Once the eastern cofferdam is removed, work will start to remove the western cofferdam using the same techniques. The team will begin in the central area of the cofferdam and work their way towards Luna House. The western cofferdam is expected to be removed by spring 2025.

## IF YOU BELIEVE YOU WILL BE AFFECTED BY THE WORKS

Although the team will try to minimise the impact of the cofferdam removal works, it will be noisier than previous tunnelling and secondary lining works. If you believe you will be affected, you should apply to the Independent Compensation Panel (ICP) as they have arranged a fast-track approach to consider applications for additional mitigation.

The ICP fast-track process will prioritise members of the community located adjacent to the site, who have a clear view of the cofferdam removal works and /or have personal circumstances which may mean they are impacted to a greater degree by the work onsite. The ICP will meet more frequently between now and the end of cofferdam removal work and the process should require less documentation, enabling affected residents to obtain mitigation faster, once they have an application approved by the ICP.

Mitigation from the effects of cofferdam removal could include things such as –

- noise cancelling headphones
- temporary office accommodation, if you work from home
- periods of daily respite to enable you to leave your property during noisier periods
- receiving reimbursement for daytime activities undertaken during noisy periods
- short or long term rehousing during cofferdam removal works

In order to be considered for fast-track mitigation you need to make an application to the ICP and specify what mitigation you believe will be suitable for your personal circumstances.

## CONTACTING THE INDEPENDENT COMPENSATION PANEL

If you feel affected by our work or upcoming activities, please continue to contact the Helpdesk, who can advise you on support available through the Independent Compensation Panel (ICP). If you would like to make an application to the ICP, please contact the ICP Administrator at [admin@tidewayicp.london](mailto:admin@tidewayicp.london).

For independent advice you can also contact the Independent Advisory Service (IAS) Helpline: 0800 917 8845 or [info@tidewayias.co.uk](mailto:info@tidewayias.co.uk)

Alternatively, ICP applications can be made via Jacqueline Christie, at Southwark council: [Community.Engagement@southwark.gov.uk](mailto:Community.Engagement@southwark.gov.uk).

## OTHER NEWS – Future of the site

Following completion of Tideway's works at the Chambers Wharf site next year, 2025, a developer, who we understand to be St. James, plans to deliver the next phase of the Chambers Wharf developments.

St. James have advised us that they will be posting a flyer to local residents next week.

Once we have received a copy of this initial information, we can include it in next week's newsletter.

## OTHER NEWS – Section 106 Community Enhancement Fund

Under the project's Section 106 agreement, a Community Enhancement Fund of £1 million was allocated for community led projects to improve and enhance the area around our Chambers Wharf site. The most recent voting panel was held in March and enabled local representatives to vote on 8 different community initiatives.

There is approximately £80,000 left to be allocated, so there *is* still time to apply. If you have a community idea and wish to apply for the next round of voting, or are interested in joining the panel of local representatives, please email Jacqueline Christie, at Southwark council:

[Community.Engagement@southwark.gov.uk](mailto:Community.Engagement@southwark.gov.uk).

Further information and details on how to apply are available on Southwark Council's [webpage](#).

## CONTACT DETAILS

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

Jacqueline Christie, Consultation and Involvement Officer for Southwark Council, can be contacted for Tideway enquiries at: [Community.Engagement@southwark.gov.uk](mailto:Community.Engagement@southwark.gov.uk).

The Southwark Council Environmental Health team can also be contacted directly if you have concerns about our work - [environment@southwark.gov.uk](mailto:environment@southwark.gov.uk)