



## MEETING MINUTES

|                       |  |
|-----------------------|--|
| <b>Subject:</b>       | Greenwich Pumping Station and Deptford Church Street Community Liaison Working Group |
| <b>Date and time:</b> | Wednesday 4 November 2020, 6.30pm-8.00pm   |
| <b>Location:</b>      | Virtual via Microsoft Teams  |
| <b>Chair:</b>         | Mick Delap - Resident / ATA representative   |

| Item | Topic  |
|------|--|
| 1    | Welcome, introductions and apologies           |
| 2    | Project update                                 |
| 3    | Feedback from community representatives        |
| 4    | Any other business and agree next meeting date |

### Chair:

- Mick Delap (MD) at Cllr Khan request

### Project staff:

- Andy Sefton (AS), Senior Project Manager Greenwich – Tideway
- Anil Dhillon (AD), Project Manager Deptford – Tideway
- Sophie Lambert (SL), Site Manager Deptford, CVB
- Rebecca Major (RM), Communications Lead – Tideway
- Dave Richmond (DR), Logistics and Traffic Manager - CVB
- Martin Griffiths (MGr), Senior Community Relations Manager – CVB
- Robert Margariti-Smith (RMS), Tunnel Manager Greenwich – CVB
- Rebecca Oyibo (RO), Community Relations Officer – CVB
- Matt Gardener (MG), Environmental Manager – CVB
- Anna Fish (AF), Graduate Environmental Advisor – CVB

### Residents / Organisations:

Representatives from Creekside Discovery Centre and Thames Water attended.

|     | Item   | Action |
|-----|--|--------|
| 1.0 | <b>Welcome, introductions and apologies</b>  |        |
| 1.1 | Welcome and introductions from Mick Delap (MD) and Rebecca Major (RM) introductions from all attendees.<br>Apologies from Chair Cllr Mehboob Khan. |        |

|   |   |           |
|---|---|-----------|
| <p>2.0</p> <p>2.1</p> <p>2.2</p> <p>2.3</p> | <p><b>Project update</b></p> <p>Presentation to be issued with the minutes. <b>Action: 1.</b></p> <p><b>Deptford Church Street - presentation by Sophie Lambert (SL)</b></p> <ul style="list-style-type: none"> <li>• Since the last CLWG in August, a stainless steel vortex tube measuring 3m diameter and 30m high has been installed in the shaft. This will be used to direct flows from the Deptford Storm Relief sewer into the bottom of the shaft.</li> <li>• Works have progressed well with the inception chamber with the internal lining wall construction.</li> <li>• Works have also started on the interception of the Deptford Storm Relief Sewer.</li> <li>• The shaft secondary lining construction has begun. The works use a slip-forming technique which is a continuous method of construction. Works will start at the bottom of the shaft and lifts upwards. Currently working 24/5 for November. Extended working hours details within the presentation.</li> <li>• Looking ahead, works to the CSO internal chamber will continue until February, and the next phase will be piling works on the eastern side of sewer to provide structural support and enable us to demolish the existing sewer.</li> <li>• Temporary welfare facilities have been installed around the site, to accommodate the increased number of staff whilst maintaining social distancing requirements due to Covid-19. The welfare facilities are anticipated to remain until Christmas.</li> </ul> <p><b>Greenwich Pumping Station - presentation by Robert Margariti-Smith (RMS)</b></p> <ul style="list-style-type: none"> <li>• The site has been focusing on the start of tunnelling.</li> <li>• The TBM was rebuilt at the bottom of the shaft and pushed into the 30m long adit. TBM very heavy so split in half, delivered from our Victoria Deep terminal site, lowered into shaft and put back together</li> <li>• A series of steel cans have been built within the shaft. They have been welded to create a solid steel tube, then pushed into the shotcrete lined adit. TBM will push off them to launch.</li> <li>• The TBM back up gantry-one and the bridge have lowered and reassembled at the bottom of the shaft.</li> <li>• Working through the set and commissioning of the surface plant to launch the TBM through umbilical and service pipes in the shaft.</li> <li>• The first two concrete rings were delivered to site in cassettes. This was a milestone for the project. 6 segments build one ring to advance the tunnel 1.5m</li> <li>• On the surface the grout batching plant is used to fill the annulus behind the rings ring built inside TBM, so operatives are not exposed. The concrete is pumped into tunnel, loaded on a train and taken to TBM to then be pumped behind the rings.</li> <li>• Silos on site contain cement and bentonite powder.</li> <li>• Under railway arches is the TBM water cooler plant. The TBM is hydraulic powered, 2500 tonnes of force hydraulic power, when the oil gets hot, the water-cooling plant is used to cool down the oil.</li> <li>• The TBM cutterhead has 6 large electric motors to turn the cutter head.</li> <li>• TBM support services, provided by umbilical hoses, are in place until gantries are installed. As gantries installed, less umbilical support until it becomes solid.</li> <li>• Service tower also installed in the 55m deep shaft, this houses all services needed to run the TBM.</li> </ul> | <p>RM</p> |
|---|---|-----------|

|     |  |  |
|-----|--|--|
|     | <ul style="list-style-type: none"> <li>Looking ahead. Around 23 November the site should be in a 'Ready to Bore' position, when the TBM will be launched.</li> <li>After this there will be a total of 9 rings to be installed before we install gantry-two, then 7 more rings before gantry-three which will take us up to Christmas. At that point 18-26 rings will be in place.</li> </ul> <p><b>Noise and air quality- Matthew Gardener (MG) gave an update.</b></p> <ul style="list-style-type: none"> <li>Since the last CLWG, there have been no air quality or noise exceedances at Greenwich or Deptford</li> <li>Noise monitor number three was removed from the Greenwich site, as no site noise is produced now at this area and whenever any noise was investigated at this area, it was discovered it was not related to Tideway</li> </ul> <p><b>Legacy- Martin Griffiths (MGr) gave an update.</b></p> <ul style="list-style-type: none"> <li>As staff are working from home it's been more difficult for staff to volunteer.</li> <li>For Tideway's fifth anniversary the 'make a difference' campaign was launched. Staff were encouraged to volunteer at home or at work to help their local community. Many charities benefited.</li> <li>Since the last CLWG, activities have included a Thames 21 river foreshore survey to survey the types of plastic.</li> <li>'Plogging' picking up litter while jogging has continued.</li> <li>Tony Robinson visited Greenwich to do some filming for a Channel 5 television programme on the River Thames in London. Rob Smith, Greenwich tunnelling manager will appear in the show.</li> <li>Fr Robinson from Our Lady, Star of the Sea church in Greenwich, blessed the statue of St Barbara at the base of the shaft and tunnel entrance; the patron saint of tunnelling.</li> </ul> <p><b>Compensation and Mitigation</b></p> <ul style="list-style-type: none"> <li>If anybody wishes to make a claim if they are affected by Tideway's work, they can get advice from the following:             <ul style="list-style-type: none"> <li>Independent Advisory Service (IAS) Helpline for independent advice -</li> <li><b>0800 917 8845 / <a href="mailto:info@tidewayias.co.uk">info@tidewayias.co.uk</a></b></li> <li>Louise Walsh (LW), Tideway's Compensation &amp; Mitigation Lead for personal assistance and advice - via the Tideway Helpdesk <b>08000 30 80 80</b> or <b><a href="mailto:helpdesk@tideway.london">helpdesk@tideway.london</a></b></li> </ul> </li> <li>To submit a claim:             <ul style="list-style-type: none"> <li>- LW can submit this to the Independent Compensation Panel (ICP) on your behalf</li> <li>- You can submit your claim direct to the ICP - <b><a href="mailto:admin@tidewayicp.london">admin@tidewayicp.london</a></b></li> <li>- The IAS can send you a claim form, or you can download a form from the Tideway website, or click <a href="#">here</a> (then click on 'contact the ICP team', then click on 'ICP claim form</li> </ul> </li> </ul> <p><b>Feedback from community representatives</b></p> |  |
| 2.4 | <ul style="list-style-type: none"> <li>Since the last CLWG, there have been no air quality or noise exceedances at Greenwich or Deptford</li> <li>Noise monitor number three was removed from the Greenwich site, as no site noise is produced now at this area and whenever any noise was investigated at this area, it was discovered it was not related to Tideway</li> </ul>   |  |
| 2.5 | <p><b>Legacy- Martin Griffiths (MGr) gave an update.</b></p> <ul style="list-style-type: none"> <li>As staff are working from home it's been more difficult for staff to volunteer.</li> <li>For Tideway's fifth anniversary the 'make a difference' campaign was launched. Staff were encouraged to volunteer at home or at work to help their local community. Many charities benefited.</li> <li>Since the last CLWG, activities have included a Thames 21 river foreshore survey to survey the types of plastic.</li> <li>'Plogging' picking up litter while jogging has continued.</li> <li>Tony Robinson visited Greenwich to do some filming for a Channel 5 television programme on the River Thames in London. Rob Smith, Greenwich tunnelling manager will appear in the show.</li> <li>Fr Robinson from Our Lady, Star of the Sea church in Greenwich, blessed the statue of St Barbara at the base of the shaft and tunnel entrance; the patron saint of tunnelling.</li> </ul>  |  |
| 2.6 | <p><b>Compensation and Mitigation</b></p> <ul style="list-style-type: none"> <li>If anybody wishes to make a claim if they are affected by Tideway's work, they can get advice from the following:             <ul style="list-style-type: none"> <li>Independent Advisory Service (IAS) Helpline for independent advice -</li> <li><b>0800 917 8845 / <a href="mailto:info@tidewayias.co.uk">info@tidewayias.co.uk</a></b></li> <li>Louise Walsh (LW), Tideway's Compensation &amp; Mitigation Lead for personal assistance and advice - via the Tideway Helpdesk <b>08000 30 80 80</b> or <b><a href="mailto:helpdesk@tideway.london">helpdesk@tideway.london</a></b></li> </ul> </li> <li>To submit a claim:             <ul style="list-style-type: none"> <li>- LW can submit this to the Independent Compensation Panel (ICP) on your behalf</li> <li>- You can submit your claim direct to the ICP - <b><a href="mailto:admin@tidewayicp.london">admin@tidewayicp.london</a></b></li> <li>- The IAS can send you a claim form, or you can download a form from the Tideway website, or click <a href="#">here</a> (then click on 'contact the ICP team', then click on 'ICP claim form</li> </ul> </li> </ul>   |  |
| 3.0 | <p><b>Feedback from community representatives</b></p> <p>A representative from Creekside said they were impressed with the work Tideway are doing and said she often passes information on about the project. They then asked when the excavated materials will be leaving the site by barge and to confirm when tunnelling will start.</p>  |  |

|  |   |                     |
|--|---|---------------------|
|  | <p>RMS confirmed tunnelling will start by 23<sup>rd</sup> November and said between now and March next year will be the initial drive, which will be very slow. During this initial phase, excavated material will leave by road in 20-30 vehicles a day, this is similar vehicle numbers to when the shaft was being excavated.</p> <p>The reason for not mucking away by barge during this phase is because the capacity for each barge is 400tonnes, which would mean having to wait at least a week before filling a barge. During winter and bad weather if the muck bin storage area gets wet, it causes a problem. There is a limit on the water content we're permitted, by mucking away in smaller bites, the material will be kept fairly dry and manageable. Between now and March all muck will leave by road, after that it will be partly removed by barge using Deptford Creek, when volume and rate of material increases.</p> <p>Mick Delap (MD) asked if there will be an announcement when tunnelling starts and asked about traffic plans. He has read with great interest the sustainable freight transport plan, stating there is a terrific explanation for residents about the time scales and number of lorries mucking away. Mick asked the following: When barge traffic is interrupted, what will be the maximum number of muck away lorries, 120, is that correct? If this occurred, could we consult with TFL about varying routes?</p> <p>Dave Richmond (DR) said yes, 120 vehicles at peak and that these routes haven't been discussed. The only time we could deviate the route is if we were told to do so by the police. Lots of discussions with TFL to keep that route, so there would not be a deviation during that period.</p> <p>MD and a representative from Creekside both commented that the cycle route across Ha'penny hatch is very popular, in summer when 80 lorries a day, we will need to safeguard bike transport, wanted to underline the importance.</p> <p>A comment was raised that the cyclists can go very fast. It is understood that this is a council issue, but can Tideway help with markers on the path? Some cyclists cycle up very fast behind people, nearly hitting them, so could it be a joint approach between the council and Tideway?</p> <p>DR said that Tideway have tried to address this by giving out leaflets, they understood that bikes and motorbikes were speeding, so we added a concrete chicane on the footpath, encouraging people to slow down or dismount. Jill said they are still speeding and it's an accident waiting to happen. Jill said the whole route is a problem, could there be a sign saying 'shared use'? Dave noted this and said he can try and look at different signage and work with the council</p> <p><b>Action 2</b></p> <p>A question was asked about how long the barges will be running?<br/>RMS said they will start around April and run until approximately January 2022, around a year.</p> <p>MD- said there is a lot of useful information regarding barge movements and asked how we can spread this information as the CLWG doesn't reach many people. Could we somehow reach more people with the info so others are aware of the vehicles and barge movement and what can they expect.<br/>DR said he would try and improve this. <b>Action: 3</b></p> | <p>DR</p> <p>DR</p> |
|--|---|---------------------|

|            |  |                                    |
|------------|--|------------------------------------|
| <b>4.0</b> | <p><b>Any other business and agree next meeting date</b></p> <p>RMS said for the next CLWG, he is trying to arrange a virtual tour. <b>Action: 4</b></p> <p><b>The next meeting will be held in February 2021 - Date TBC</b></p> | <p><b>RMS</b></p> <p><b>RM</b></p> |
|------------|--|------------------------------------|

### Actions Register:

| Meeting Date | Item | Action  | Responsibility | Status |
|--------------|------|---|----------------|--------|
| 4/11/2020    |      | <b>Action 1:</b> Presentation to be issued with the minutes.  | RM             | Closed |
| 4/11/2020    |      | <b>Action 2: DR to</b> look at different signage and work with the council to address the issue of bikes speeding on cycle route. | DR             | Open   |
| 4/11/2020    |      | <b>Action 3: DR,</b> to look at ways to communicate details of barge movements  | DR             | Open   |
| 4/11/2020    |      | <b>Action 4: RMS</b> to look at arranging a virtual tour  | RMS            | Open   |

### Outstanding Actions from Previous CLWGs

| Meeting Date | Item | Action  | Responsibility | Status |
|--------------|------|---|----------------|--------|
| 04/08/2020   | 3.4  | <b>Action 2:</b> RMS and MG to liaise regarding why Lawrence has not received responses to his two queries by email. <b>Update November 2020, process has been reviewed. Responses have since been sent</b> | RMS / MG       | Closed |
| 04/08/2020   | 3.12 | <b>Action 3:</b> RMS to add details to the minutes regarding the length of the barges that will be used during the tunnelling phase. <b>Update November 2020, barges will be 35m long.</b>                  | RMS            | Closed |
| 04/08/2020   | 3.14 | <b>Action 4:</b> AS to share information with Cllr MK once Tideway has carried out an assessment on the overall effect of COVID-19 on the project's timeline as a whole (commissioning, legacy etc).        | AS             | Open   |
| 04/08/2020   | 3.17 | <b>Action 5:</b> SH to liaise with MD regarding the possibility of a footpath at Greenwich.   | SH             | Open   |

|            |      |   |         |        |
|------------|------|---|---------|--------|
| 04/08/2020 | 4.7  | <b>Action 6:</b> RM to speak to site to try and arrange for a site visit for Cllr MK. Update November 2020, will be reviewed when Covid restrictions are eased.   | RM      | Closed |
| 25/02/2020 | 2.9  | <b>Action 2:</b> DK to find out the emission levels of the tugs that will pull the barges plus the emission level of a tug versus the equivalent number of lorries.   | DK      | Open   |
| 25/02/2020 | 2.10 | <b>Action 3:</b> DK/CN to speak to Royal Borough of Greenwich, the Police and his logistics team in order to come up with a solution regarding the cyclists and motorcyclists using the closed off area along Norman Road.        | DK / CN | Closed |
| 25/02/2020 | 3.2  | <b>Action 6:</b> RM / MG to discuss a stakeholder engagement strategy to present and agree at the next CLWG, to ensure the various groups in the area are informed / consulted before things happen ie the closure of Norman Road | RM / MG | Closed |
| 12/09/2019 | 3.11 | <b>Action 3:</b> Tideway to check whether there are any conditions in place with Greenwich Planning regarding Norman House internal noise levels and air quality levels.  | Tideway | Open   |