



MEETING MINUTES

Subject:	Greenwich Pumping Station and Deptford Church Street Community Liaison Working Group
Date and time:	Tuesday 4 August 2020, 4pm-5.30pm
Location:	Virtual Meeting via Microsoft Teams
Minute taker:	Yvette Hewlett, external minute taker - Springboard Marketing
Chair:	Councillor Mehboob Khan, Royal Borough of Greenwich

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

Chair:

- Councillor Mehboob Khan (Cllr MK), Royal Borough of Greenwich

Project staff:

- Andy Sefton (ASe), Senior Project Manager Greenwich – Tideway
- Allen Summerskill (AS), Stakeholder and Consents Manager – Tideway
- Darren Kehoe (DK), Project Manager Greenwich – Tideway
- Anil Dhillon (AD), Project Manager Deptford – Tideway
- Rebecca Major (RM), Communications Lead – Tideway
- Martin Griffiths (MG), Community Relations Manager – CVB
- BaDan Nguyen (BN), Site Agent Deptford – CVB
- Robert Margariti-Smith (RMS), Tunnel & Site Manager Greenwich – CVB
- Philippe Carlier (PC), Tunnel Agent Greenwich – CVB
- Rebecca Oyibo (RO), Community Relations Officer – CVB
- Breffni Quinlivan (BQ), Environmental Manager – CVB
- Yvette Hewlett (YH) - External minute taker – Springboard Marketing

Residents / Organisations:

Five residents and representatives from ATA and Thames Water.

	Item	Action
1.0	Welcome, introductions and apologies	
1.1	Welcome from Councillor Mehboob Khan (Cllr MK) and introductions from all attendees.	

2.0	Project update	YH
2.1	Deptford Church Street - presentation by BaDan Nguyen (BN)	
2.2	<p>Presentation to be issued with the minutes. Action: 1.</p> <ul style="list-style-type: none"> • The base slab pour at the bottom of the shaft was carried out on 12 September 2019 • Reinforcement for the portals has been installed and the first lift poured • Interception Chamber (Phase 1) – excavation and base slab are complete and internal walls are ongoing (a roof will be installed towards the end of the year) • Click here to see a 3D image taken from the bottom of the shaft - https://kuula.co/post/7DDN3 • During the last few weeks, the vortex tube has been installed, which will take the flow from the top of the shaft into the tunnel and then towards Chambers and Abbey Mills 	
2.3	<p>Lookahead</p> <ul style="list-style-type: none"> • Piling will commence within the site during December • Once the shaft vortex tube has been installed, the next phase of work will be the continuous construction of the reinforced concrete lining to the shaft, known as slip-forming. The process will start at the bottom of the shaft and work upwards. Approximately 40 m of the shaft will be lined which equates to roughly 1,800 cubic metres of concrete. This will be a continuous operation working Monday to Friday 24-hours a day, and Saturday up until 1pm. It will last around three weeks and take place between November and December this year. • To minimise any intrusion from the overnight slip-forming works, mitigation measures will be put in place, as required by the consented Section 61 with local authority: <ul style="list-style-type: none"> ○ Most of the works will happen inside the shaft, which will screen any noise ○ All concrete wagons (approximately 3 to 4 per hour) coming to site at night will be noise screened using sound barriers during concrete discharge ○ The concrete pump will also be noise screened using sound barriers during concrete discharge ○ All lights will be pointed inwards towards the site ○ There should be no other planned deliveries other than concrete lorries ○ The slipform rig is powered by electricity and is therefore quiet ○ Any operating static plant will be screened for noise (e.g. ventilation fans) ○ All operatives will be briefed to not leave site until the end of the shift ○ Live noise monitoring will take place • Mobilisation and de-mobilisation will take place during standard daytime working hours 	
2.4	Greenwich Pumping Station - presentation by Robert Margariti-Smith (RMS)	
2.5	<ul style="list-style-type: none"> • RMS advised he is the Tunnel Manager and now the Site Manager for Greenwich and has taken over from the previous team, which set up the civils. He will lead the project through the tunnelling phase 	

<p>2.6</p>	<p>Tunnel boring machine (TBM)</p> <ul style="list-style-type: none"> • Before the tunnel boring machine (TBM) could be lowered down the shaft, lots of pre-works had to be carried out • At the bottom of the shaft (50m down) at the end of 2019 and into January 2020, a 30m long shotcrete lined TBM launch adit was excavated. This is where the TBM shield will launch from • The adit needs to be 30m long, as there needs to be enough room behind the TBM shield for gantries etc to be added, to make the launch possible • As well as an adit being excavated, the system that was originally designed to lower the TBM into the shaft in one piece had to be modified. This was due to the fact that the original lowering system did not allow for social distancing to be adhered to • The TBM was therefore dismantled into 11 components at Victoria Deep, transported to the site as abnormal loads overnight and lowered down the shaft separately, using the bespoke system in May this year • The TBM has been rebuilt over the past six weeks and is sitting at the bottom of the shaft • Specialists from Herrenknecht (TBM manufacturer) have assisted with the dismantling and rebuilding of the TBM, along with support from CVB • The rebuilding of the TBM involved continuous welding (24 hours a day) for nine days • The TBM is now in the process of being pushed into the adit and then support work will be carried out so it is in a position to start boring • Steel rings will be installed behind the TBM shield, followed by installation of the gantries etc 	
<p>2.7</p>	<p>Phoenix Wharf</p> <ul style="list-style-type: none"> • Installation of the slurry treatment plant (STP) is continuing and is now largely complete • The last phase of work regarding the STP has started, which will take around four weeks to complete, before testing will take place later in the year • The water treatment unit has been operational for the last few months 	
<p>2.8</p>	<p>Dredging</p> <ul style="list-style-type: none"> • The completion of the Deptford Creek dredging and installation of a camp shed was a milestone that was completed by mid-July • The camp shed is a large stable level area to enable barges to berth on when the tide is out, to take away the spoil once tunnelling commences • There will be up to eight barges per week, removing 240 muck away vehicles per week off Greenwich roads 	
<p>2.9</p>	<p>Lookahead</p> <ul style="list-style-type: none"> • The first of the steel cans was delivered last week; a total of eight will be lowered into the shaft • In early November, site should be in a 'Ready to Bore' position, where the TBM will be launched • To prepare for the launch of the TBM, steel rings will be built behind the TBM and concreted in place. Each ring weighs up to 20 tonnes and will be built on the surface, prior to being lowered into the shaft • The TBM will require two gantries (of nine) to be installed prior to the launch 	

<p>2.10</p>	<ul style="list-style-type: none"> • The bottom of the shaft (the pit bottom) will also need to be completely reconfigured from TBM build to TBM tunnelling phase). This will include all services (slurry, electricity, water, air, concrete tunnel rings) required to supply the TBM on its journey to Chambers Wharf <p>Noise and air quality</p> <ul style="list-style-type: none"> • Since the last CLWG, there have been no air quality or noise exceedances at Greenwich or Deptford • 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 	
<p>2.11</p>	<p>Legacy</p> <ul style="list-style-type: none"> • Rebecca Oyibo (RO) advised she works alongside Martin Griffiths (MG) and explained that legacy is extremely important to Tideway, as the project has always believed in leaving its mark within the community, in a positive way • Recently, an Army Reservist helped convert Headley Court into a COVID-19 hospital • Currently, there are 167 trained mental health first aiders and Tideway East supports Mates in Mind, which is a charity that aims to raise awareness of mental health and improve well-being in construction and related industries • Tideway supports young people in many different ways and five teams took part in Race the Thames, an indoor rowing challenge, to raise funds for charity partner London Youth Rowing • Tideway supports three charities; Single Homeless Project, Drive Forward Foundation and South London Cares • Tideway is a major supporter of STEM (Science, Technology, Engineering and Maths) and had its first ever software engineering placement confirmed recently • Tideway supported the Southwark’s careers fair and has three STEM work experience placements • Tideway staff take a lot of pride in volunteering and there are currently 180 volunteers that have given a total of 560 volunteering hours to support good causes across London and carry out activities such as ‘plogging’ – picking up litter while jogging • Tideway has so far helped 26 organisations and supported 1,238 people with activities such as mentoring, assisting with CVs etc 	
<p>2.11</p>	<p>Compensation and Mitigation</p> <ul style="list-style-type: none"> • 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"> • Independent Advisory Service (IAS) Helpline for independent advice - • 0800 917 8845 / info@tidewayias.co.uk • Louise Walsh (LW), Tideway’s Compensation & Mitigation Lead for personal assistance and advice - via the Tideway Helpdesk 08000 30 80 80 or helpdesk@tideway.london or direct 07971 077165 / louise.walsh@tideway.london • To submit a claim: <ul style="list-style-type: none"> - LW can submit this for you to the Independent Compensation Panel (ICP) on your behalf - You can submit your claim direct to the ICP - admin@tidewayicp.london 	

	<ul style="list-style-type: none"> - The IAS can send you a claim form, or you can download a form from the Tideway website, or click here (then click on 'contact the ICP team', then click on 'ICP claim form') 	
3.0	Feedback from community representatives	
3.1	A resident asked about the impact of COVID-19 on the project timetable and cost and whether progress is now back to the pre-lockdown level. BN said the Deptford programme within the presentation does take the effects of COVID-19 into account, although it does not take into account the potential of a 2 nd or 3 rd wave. Productivity has improved recently and the site is nearly back up to full speed.	
3.2	RMS confirmed the Greenwich lookahead within the presentation does take COVID-19 into account. With regard to productivity on site, recent work has only required small teams, which are staying locally to the site, so therefore it would appear that productivity has not been affected. Time is being lost during shift times, however, as a previous 12-hour shift is currently now either a 10.5-hour or 11-hour shift, to allow for the correct handover to take place.	
3.3	A resident said he lives opposite the Greenwich site and over the last few weeks, there has been a lot of noise from both the Greenwich and Phoenix Wharf sites. The resident advised he sent an email to the Helpdesk but has not received a response. He added that a lot of work is being done within the acoustic enclosure but the door remains open, which is very disruptive when working from home – is there a reason why the door has to be open? In addition, the resident asked if he could have an indication as to how noisy the Phoenix Wharf site will be when fully operational.	
3.4	RMS apologised for the noise and confirmed that he has responded to the resident's email, via the Community Relations Team so is unsure why this has not been received. RMS added that were a few sheets of steel that needed to be bolted together recently and there was not too much he could do to mitigate the noise, however this work was now complete. RMS and MG to liaise as to why the resident has not received email responses. Action: 2.	RMS / MG
3.5	Regarding the potential noise from Phoenix Wharf when operational, the acoustic enclosure and filter press are designed with thick insulating panels, to illuminate any overnight noise.	
3.6	The main acoustic enclosure doors are required to be open during the day, as equipment needs to be transported in and out so that when the door closes at 18.00, enough material is inside the acoustic enclosure to run the 14-hour shift before the door opens again at 08.00.	
3.7	A resident said the pathway between the bridge over Deptford Creek and Norman Road, which was redirected a few years ago due to Tideway work, is now a pinch point, due to the fact it is impossible to maintain social distancing. the resident asked if the pathway could be widened and said he has emailed regarding this. RMS said he has seen the resident's email and replied, so is not sure why the resident has not received either of his responses. RMS said he would love to be able to widen the pathway but unfortunately, this would mean there would not be enough room on the road side of the fence line, to allow for CVB and Thames Water vehicles.	

<p>3.8</p> <p>3.9</p> <p>3.10</p> <p>3.11</p> <p>3.12</p> <p>3.13</p> <p>3.14</p>	<p>A resident asked what the route is for the muckaway vehicles. Allen Summerskill (AS) there is a prescribed route within the Development Consent Order (DCO) that Tideway has to adhere to. This route is defined in the Code of Construction Practice Part B as is as follows: Access: Vehicles will travel from the A2 (Blackheath Rd) and then head northbound on the A206 (Greenwich High Road) before turning left into Norman Road and the construction site. Egress: Vehicles will head southbound on Norman Road and turn right onto Greenwich High Road (A206). They will then travel southbound before turning onto the A2 (Blackheath Rd).</p> <p>Cllr MK asked if Tideway would elaborate on the noise screening regarding concrete deliveries at Deptford overnight. BN said Heras fencing will be installed, which will have a noise insulating barrier attached to it. BN added the same system was put in place when the diaphragm wall work was carried out, as concrete wagons arrived up until 22.00.</p> <p>BN explained that the noise screening is for the purpose of the unloading of the concrete, which is the noisiest activity.</p> <p>Cllr MK asked what can be done to mitigate the noise of vehicles arriving and leaving the site, as the noise of the engines is his main concern. AS said that when a continuous overnight concrete pour took place at the Chambers Wharf site, driver etiquette inductions took place, so as drivers knew to avoid idling their engines. In addition, lorries will go straight into the Deptford site, with controlled delivery whereby each lorry is cleared by radio before arriving. BN added that he will be in constant radio contact with the concrete batching plant, in order to manage vehicle arrival.</p> <p>Cllr MK said the turning point in the Creek for barges opposite Waitrose is very tight and he noticed that deliveries struggle to navigate the corner sometimes. Cllr MK asked how long the barges will be. RMS said he will ensure this information is added to the minutes but knows the barges will be the same size as the ones used for the Creek dredging, before the camp shed was installed. RMS said the corner is tight, although there will only be a rotation of the same three barges, with the same team. Action: 3. Post Meeting note: The barges used for the removal of excavated material will be approximately 36m in length and when fully loaded will have a capacity of approximately 600 tonnes. To provide additional control, barges will be moved with an additional second vessel to provide extra safety and ensure vessels can negotiate the tight bends on the creek. A barge trial has just been successfully completed with the PLA Harbour Master in attendance.</p> <p>A resident asked if the overall project timeline has slipped, been extended and if so, how will this affect the legacy. AS said this is something that the team is looking at. When the teams stood down a few months ago, they have been looking at any current consents which have been approved, to see if they may elapse or run out. These are being looked at to see if they need to be extended. Across the project, overall implications of COVID-19 are still being looked into as to whether it will have an overall effect on a particular site or the commissioning phase.</p> <p>Cllr MK asked that once Tideway has done the best possible assessment, to let him know the outcome so he can advise residents. Action: 4.</p>	<p></p> <p></p> <p></p> <p></p> <p></p> <p>RS</p> <p></p> <p>AS</p>
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<p>3.15</p> <p>3.16</p> <p>3.17</p> <p>3.18</p> <p>3.19</p>	<p>A resident said his biggest concern, as always, is the redevelopment of Greenwich on the Deptford site and in particular public access to the Creek. This has been discussed in the past and in 2018 Tideway talked to Thames Water and found that providing public access to the Greenwich site would be difficult due to security arrangements at Greenwich Pumping Station. The resident understands that the final remediation strategy for the site will be prepared in the Autumn and he is worried there will be no further discussions between Tideway and Thames Water on this matter.</p> <p>The resident added that on page 4 of the latest planning application, there is information regarding the final land use for all of the main shaft sites across the project and for Greenwich it states ‘final land use – some use of soft landscaping but not public access’. The resident said it states the same for Phoenix Wharf. The resident is deeply worried by this and hopes conversations can start again in the next few weeks, to explore all possibilities.</p> <p>Safa Holleyoake (SH) said she will take the resident’s comments away and get in touch with him directly or meet for a socially distanced chat. Cllr MK asked to be kept in the loop. Action: 5.</p> <p>The resident said he held a well-attended meeting in January at West Greenwich Library, whereby he gave a talk about the past and future of Deptford Creek and it was very well attended by around 100 people. He is still in touch with those people and does inform them about Tideway’s progress. He was pleased with the attendance level as it showed what kind of interest there is.</p> <p>Cllr MK said he went past the Chambers Wharf site recently and noticed a public Information Centre, for which Tideway should be commended for. He believes that Deptford and Greenwich would benefit from something like that.</p>	<p>SH</p>
<p>4.0</p> <p>4.1</p> <p>4.2</p> <p>4.3</p> <p>4.4</p> <p>4.5</p>	<p>Any other business and agree next meeting date</p> <p>AS thanked residents for attending and confirmed this was the second virtual CLWG so far, with one for Chambers Wharf being held a few weeks ago. He realises it would be better to see people in person but hopes everybody found it useful.</p> <p>MG said a lot of people have been affected by the pandemic and Tideway is looking forward to hopefully carrying out more volunteering in the area soon. MG asked that if any residents have any suggestions as to where Tideway could focus its efforts, to let him know. MG said it is not always easy or practical but if anybody has any suggestions, he would be keen to hear them.</p> <p>MG said he is hoping the TBM will receive a blessing before it starts its journey from Father Kevin of Our Ladye Star of the Sea in Greenwich.</p> <p>RMS thanked the residents for being patient with Tideway. He understands that many people are now working from home and opening windows in the heat and he said he does try to enforce workers to think of the residents and be considerate.</p> <p>Cllr MK thanked the engineers and other bodies delivering this project. He said he was in two minds as to whether to promote this virtual CLWG on Facebook and erred on the side of caution. Later in the year, he will be looking to drum up more interest in the CLWGs and said what Tideway regarding cleaning up the river is fantastic.</p>	

4.6	Date of next meeting, November – TBC, before tunnelling commences.	
4.7	Cllr MK said he is still keen to visit the site, socially distancing of course. Rebecca Major (RM) will speak to site to try and arrange something. Action: 6.	RM

Actions Register:

Meeting Date	Item	Action	Responsibility	Status
04/08/2020	2.2	Action 1: Presentation to be issued with the minutes.	YH	Closed - sent out
04/08/2020	3.4	Action 2: RMS and MG to liaise regarding why a resident has not received responses to his two queries by email.	RMS / MG	Open
04/08/2020	3.12	Action 3: RMS to add details to the minutes regarding the length of the barges that will be used during the tunnelling phase.	RMS	Open
04/08/2020	3.14	Action 4: 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	Action 5: SH to liaise with a resident regarding the possibility of a footpath at Greenwich.	SH	Open
04/08/2020	4.7	Action 6: RM to speak to site to try and arrange for a site visit for Cllr MK.	RM	Open

Outstanding Actions from Previous CLWGs

Meeting Date	Item	Action	Responsibility	Status
25/02/2020	2.9	Action 2: 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	Action 3: 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. Deadline – Interim report 30/3/20, final report next CLWG.	DK / CN	Open
25/02/2020	3.1	Action 5: Tideway to investigate and respond on the inconsistency regarding some residents in the same block receiving a settlement deed letter and others not.	Tideway	Open

25/02/2020	3.2	Action 6: 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	Open
25/02/2020	3.7	Action 8: BJ to reopen the conversation with Thames Water regarding the path / security at Greenwich Pumping Station.	BJ	Open
12/09/2019	3.11	Action 3: 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