



Northern Line Extension

Battersea Community Liaison Group

Wednesday 10 May 2017
Rose Community Centre

Attendees:

Name	Organisation
Steve Diamond (Cllr SD) (Chair)	London Borough of Wandsworth
Glenn Burnell (GB)	London Borough of Wandsworth
Dianne James (DJ)	London Borough of Wandsworth
Carla Arnold (CA)	FLO – NLE
Caroline Brennan (CB)	FLO – NLE
Chris Dee (CD)	FLO – NLE
Claudia Quitian (CQ)	FLO – NLE
Jonathan Cooper (JC)	LU – NLE
Charles Oxenham (CO)	TfL – NLE
Matthew Ridealgh (MR)	NLE
Matt Ambown (MA)	Nine Elms
Iona Ramsay (IR)	Nine Elms Pier
Liam Dowling (LD)	Nine Elms Pier
Andrew Masters (AM)	Riverlight 6
Ashley Symons (AS)	Riverlight 6
Jamie Fisher (JF)	Riverlight 6
May Hale (May H)	Nine Elms Pier Resident
Mark Hale (Mark H)	Nine Elms Pier Resident
Kashfi Halford (KH)	Nine Elms Pier Resident
Harry Goonewardene (HG)	Savona Estate
Sam Wilson (SM)	Battersea Power Station / Cascade Communications
Mark Walker (MW)	Admin support (minute taker)
Apologies	
Steve Pinto	Wandsworth Chamber
Marlene Price	Battersea Housing
Brian Raincock	
David Lewis	The Battersea Society

	Item	Action
1.0	Introductions and apologies	
1.1	Welcome from Cllr SD, who will chair tonight's meeting as Cllr Nardelli is unable to attend. Cllr SD invited all attendees to introduce themselves.	
1.2	Cllr SD advised that May H will be recording the meeting. No objections raised.	
1.3	Minutes of the NLE and Tideway sections of the meeting will be split into two separate documents from now on.	NLE / Tideway
	<i>Northern Line Extension (NLE)</i>	
2.0	Minutes of the previous meeting – actions and matters arising	
2.1	Cllr SD invited updates on actions from the previous meeting (1 February 2017): <ul style="list-style-type: none"> - Point 3.2: HG confirmed the point he raised regarding the noise of works from the NLE site has been dealt with - Point 3.6: CO confirmed plans for the design of Battersea Underground Station have not been submitted yet - Point 4.9: CA advised that the NLE site hoarding is not scheduled for discussion today. Cllr SD commented that engagement with the local community on this issue would be good 	
3.0	Progress update and presentation (attached)	
	<u>Chris Dee (CD), FLO/NLE:</u>	
3.1	The weight of the station box diaphragm wall is equivalent to 1,000 blue whales!	
3.2	The station box comprises three levels.	
3.3	Concrete beams for the station box are manufactured at a facility in Worksop and delivered by road. They are currently being delivered at a frequency of three per week and a 200 tonne crane is required to install them.	
3.4	A top-down construction technique is being utilised to construct the station box.	
3.5	1,337 tonnes of reinforcement is required for level B2 of the station box.	
3.6	The first non-structural concrete was poured today (10 May 2017).	
3.7	Level B4 of the station box forms the bottom level of the excavation. It is slightly narrower than Level B2, which incorporates access for excavators, etc.	

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3.8	<p>The project is currently on target to achieve the following targets:</p> <ul style="list-style-type: none"> - Excavation commences August 2017 - B4 slab commences October 2017 - B4 slab complete by March 2017 	
	<p><u>Jonathan Cooper (JC) – LU Tunnelling Project Manager:</u></p>	
3.9	<p>On 12 February 2017, the first NLE Tunnel Boring Machine (TBM), named 'Helen', was lowered into the ground. A few days later, the second TBM, named 'Amy' was also lowered in.</p>	
3.10	<p>The total length of each TBM is 100m. Essentially, a TBM is a mobile factory that excavates earth and builds the tunnel at the same time.</p>	
3.11	<p>Two towers on site contain 500m of conveyor belt. The towers allow the belt to extend into the tunnel, which then removes muck as part of the tunnelling process. This muck is then removed from Battersea by barge.</p>	
3.12	<p>Two tower cranes are required to service the TBMs, by moving grout and other related materials.</p>	
3.13	<p>The TBMs work 24/7.</p>	
3.14	<p>There will be three locomotives running in the tunnel, although only one is currently operational. These are used to transport tunnel segments.</p>	
3.15	<p>Fresh air is pumped into the tunnel, to ensure the safety of workers.</p>	
3.16	<p>For every 1.5m of tunnel progress, 77m³ of earth is removed. This is all transported from site by river.</p>	
3.17	<p>The TBM tunnelling the southbound tunnel has progressed approximately 60 metres. A lot of temporary work is required to support the first tunnel rings but once the TBMs are running fully, they are expected to advance approximately 20/30 metres per day, depending on conditions, although there are a lot of utilities underground to avoid. It is hoped that the tunnels will be completed in September.</p>	
	<p><u>Claudia Quitian (CQ) – Environmental Advisor, FLO/NLE:</u></p>	
3.18	<p>CQ advised that one noise monitor on site has been moved to ensure more accurate readings.</p>	
3.19	<p>From January to March 2017 inclusive, there were no exceedances of permitted noise levels.</p>	
3.20	<p>In terms of dust levels, there was one glass slide exceedance during the same period. This glass slide is located in front of Savona Apartments. NLE is in constant communication with London Borough of Wandsworth</p>	

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3.21	<p>and its neighbours with regard to dust levels and has increased dust suppression activities to target this issue.</p> <p>With regard to the recent dust complaint received from HG, the stockpile has been removed. There were some delays but this task has now been completed.</p> <p><u>Carla Arnold (CA) – Community Engagement Lead, FLO/NLE:</u></p>	
3.22	<p>Of the 145 cases logged with the NLE project since February, 26 were related to Battersea, as follows:</p> <ul style="list-style-type: none"> - 8 x noise and vibration - 1 x procurement - 1 x traffic management - 1 x defect survey - 1 x dust - 14 x miscellaneous 	
3.23	<p>All 26 cases have now been resolved.</p>	
3.24	<p>The project works to a Service Level Agreement (SLA) whereby all contact is governed by the following targets:</p> <ul style="list-style-type: none"> - Acknowledgement within two hours - Response within two days - Resolution within five days 	
3.25	<p>CA advised that in response to a suggestion received at the previous CLG to reposition the lights on the jetty, NLE has redirected these lights to shine away from the houseboats.</p>	
3.26	<p>May H advised the lights are still affecting houseboats at Nine Elms Pier. May H has received an email from CB and will discuss with CA.</p> <p><u>Caroline Brennan (CB), FLO – NLE:</u></p>	NLE
3.27	<p>With regard to skills and employment opportunities, NLE has attended Wandsworth Work Match Employment Fair, hosted a visit from potential summer placement students and is working with HMP Wandsworth to help soon to be released offenders.</p>	
3.28	<p>In terms of community engagement, NLE has held one-to-ones with various residents who have contacted the project. Drop-in sessions have also taken place, including an opportunity for local residents to witness the TBM lift-in. At the beginning of April 2017, NLE held a cycle safety breakfast event, where cyclists were offered security marking and a free service for their bike. They were also offered the opportunity to change places with lorry drivers, to understand the different perspective of another road user.</p>	

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3.29	As part of Sustainability Week during March 2017, project staff went out to local communities across the project and participated in activities such as tree planting and litter picking.	
3.30	On 20 May 2017, NLE is looking to hold a session for local residents to showcase the site and deal with any queries. An invitation will be issued tomorrow (11 May 2017). By holding the event on a Saturday, it is hoped more people will be able to attend.	
3.31	GB advised that a big local event is taking place on the same day and there may be ways to work together. CA to discuss with GB.	NLE / LBW
3.32	CA reminded attendees of the various ways to make contact with the project, including a dedicated email address (nle@tfl.gov.uk) and a 24/7 helpline (0343 222 2424 – option one).	
3.33	With regard to defect surveys, CA advised there is nothing significant to report. CPM Surveys Ltd has started undertaking surveys and are working towards Kennington.	
3.34	With regard to a question raised at the last CLG, May H asked for clarification as to what legislation covers the 150 µg/m ³ figure for measuring PM ₁₀ ?	
3.35	MA asked if air quality levels can be independently monitored? NLE could be “cooking the books”.	
3.36	CQ advised that independent air quality monitoring is carried out by the Temple Group.	
3.37	MA requested contact details for the Temple Group.	NLE
3.38	In response to the previous question from May H, CQ confirmed the 150 µg/m ³ figure for measuring PM ₁₀ is part of an initiative from the Mayor of London. The recommended figure is 250 µg/m ³ .	
3.39	May H believes she has been given a copy of the minutes prior to her corrections being made, as PM10 is still referred to as PM1.	
3.40	AM confirmed the correct minutes have been uploaded to the Tideway website. CA advised that in terms of the versions circulating today, the colour version was produced by Tideway, whereas the black and white version was produced by NLE. Cllr SD reiterated that the minutes will be produced separately in future.	NLE
3.41	HG advised that the spoil mountain on site is rising steadily. Is NLE able to cope now the TBMs are in operation 24/7 and has the number of barges been increased?	

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3.42	CO advised the soil removed by the TBMs is predominantly clay and is conditioned so that it should not dry out. At peak levels, 4,000 tonnes of spoil will be removed by the TBMs, which equates to four barge loads. This should be removed quickly.	
3.43	HG asked if the crossover box is close to Battersea Dogs Home? CA confirmed the station box is closer to the Dogs Home. HG would like to know if NLE will tunnel under the Dogs Home with a TBM? JC advised NLE is looking to value-engineer this part of the tunnel. As with the launch tunnels, this section will be hand-mined, whereby metre-long sections are excavated and then sprayed with concrete. This activity will take place in 2018 and will be only 10% of the length originally planned.	
3.44	HG asked how far the TBMs have travelled towards Nine Elms? JC confirmed 44 tunnel rings have been constructed, equating to 60 metres of tunnel.	
3.45	HG asked if the entrance to the site will change when the station comes online?	
3.46	CO confirmed the new Battersea underground station will have two entrances. The design of the main entrance will be submitted to London Borough of Wandsworth for consent in approximately two months. This standalone entrance will almost abut Battersea Park Road, with access straight off of the pavement down to B2 level. There will also be a secondary entrance at the far west end of the station, which will open into the developer's building.	
3.47	HG enquired if there will be any consultation on the design of the station entrance. CO confirmed the application will go through the standard Wandsworth planning process, so the public will have the opportunity to provide feedback.	
3.48	HG is concerned about the effect on traffic in the local area. CO advised that TfL is proposing a new street scheme to address the road junctions and layout in the local area. This will go through the planning process via the usual TfL route; CO is not sure of the date but will check and confirm.	NLE
3.49	Cllr SD believes a proposal will go to planning on 26 June 2017 and will be consulted on.	
3.50	Cllr SD requested clarification regarding removal of the mounds of spoil on site. JC responded to advise the material will be removed on a regular basis, however there will always be a mound present for the duration of the tunnelling process. However, this is damp material and JC does not believe there is a danger of this drying out. CO confirmed spoil will only remain on site for a number of days so is unlikely to dry out.	
3.51	IR commented that London can dry out quickly during the summer and	

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	asked if measures are in place should this happen? CO commented that the main bulk of dust suppression efforts will need to be concentrated on road surfaces. The issue of tunnelling spoil is a bit of a red herring, however NLE will need to be dynamic as the weather changes.	
3.52	Cllr SD invited further questions regarding the NLE. No further questions received.	
4.0	<i>Future agenda items</i>	
4.1	No additional items proposed.	
5.0	Dates of future meetings	
5.1	Dates to be confirmed.	
6.0	AOB	
6.1	No other matters raised.	

Meeting started 18:28 and closed at 20:15.
 Minutes drafted by MW.