Northern Line Extension
Kennington Green
Community Liaison Group
10 January 2018
Summary Update Oct ‘17 – Jan ‘18

- Rail replacement for the Step Plate junction area.
- Completed Christmas 2017 Loop blockade successful.
Kennington Green Step Plate Junction (SPJ) Christmas Works
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Kennington Green

New Track
Kennington Green Plans 2018

- Tunnel track foundation Dec ‘17 to April ‘18

- Cross passages construction Mid Feb – May ‘18
Kennington Green Plans 2018

- Acoustic enclosure removal: End March – approx. 5 weeks
- Removal of concrete slab and excavation of basement: April to June
- Construction of basement: June ’18 to Jan ‘19
## Kennington Green Works Timeline

<table>
<thead>
<tr>
<th>Activity</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Removal of TBM equipment including cleaning and associated activities</td>
<td>04/12/17</td>
<td>15/02/18</td>
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<tr>
<td>First stage concrete (invert base)</td>
<td>04/12/17</td>
<td>01/04/18</td>
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<tr>
<td>Removal of shed</td>
<td>26/03/18</td>
<td>27/04/18</td>
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<tr>
<td>Removal of concrete slab</td>
<td>16/04/18</td>
<td>28/04/18</td>
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<tr>
<td>Basement excavation</td>
<td>16/04/18</td>
<td>15/05/18</td>
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<tr>
<td>Removal of secant piles</td>
<td>04/06/18</td>
<td>22/06/18</td>
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<tr>
<td>Floor slabs in shaft/ basement (in situ and precast concrete operations)</td>
<td>01/04/18</td>
<td>09/11/18</td>
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<tr>
<td>Kennington Green Headhouse - Superstructure - Ground to Roof Level</td>
<td>23/10/18</td>
<td>02/12/18</td>
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Concrete slab removal:

**Saw cutting** the slab into segments, lifted out and broken up off site. Dust suppressed using a stream of water.

Excavator with breaker attachment will also be necessary. Working with noise specialists to identify ways of reducing noise, including trial of bespoke moveable acoustic enclosure. Approx 10 days of breaking anticipated. Dust suppressed using water.

Predicted noise (worst case) 77.2dB LAeq (10hr).
Kennington sites logistics

- We continue to Work Related Road Risk (WRRR) driver training awareness for vulnerable road users, IE cyclists.
- 100% WRRR compliant.
- Once abnormal deliveries have been authorised by the metropolitan police we alert the residents under section 61 explaining the reasons for either working early/late. In addition, there are no planned abnormal loads at present.
- Jan 2018 to March 2018 average of 120 vehicles week.
- Mainly concrete trucks to supply the track foundation
- April/May onwards will be mainly lorries removing spoil and earth. Approx 60 per day.
Kennington Green Monitoring points

RECEPTOR

UNATTENDED DUST MONITORING POSITION (GLASS SIDE)

UNATTENDED MONITORING POSITION
KG Monitoring Oct – Dec 2017

Monitored noise levels

0 triggers attributable to NLE
KG Monitoring Oct – Dec 2017

Dust slides results – Passive AQ monitoring

NLE - Kennington Green - Fortnightly Passive AQ monitoring (glass slides)

Soiling Units (SU)

02/10/2017 - 13/10/2017
13/10/2017 - 27/10/2017
27/10/17 - 10/11/17
10/11/17 - 24/11/17
24/11/17 - 08/12/17
08/12/17 - 22/12/17

Time period
KG Monitoring Oct – Dec 2017

Site monitor dust monitoring
Kennington Green complaints and enquiries

- 16 complaints since end of Oct’17 related to Kennington Green
- 11 enquiries
- 9/16 are related to noise and vibration
- 5 were related to works over Christmas
- Other categories include; lighting behaviour, traffic management
- 94% resolved
- Cases are shared with Local Authorities
NLE Skills and Employment

2 NLE ‘Route to Work’ placements from the Peabody Trust/ Women into Construction have been employed full time on the NLE – as a Junior Engineer and Trainee Cost Clerk.
Ways to contact us

• It is important that calls are logged through the NLE 24/7 helpdesk on 0343 222 2424 (Option 1)

• Email nle@tfl.gov.uk

• Drop In sessions

• Please visit:

https://tfl.gov.uk/northern-line-extension