



FERROVIAL AGROMAN
LAING O'ROURKE JV

Northern Line Extension

Kennington Green

Community Liaison Group

10 January 2018

Delivering the Northern line extension with

ferrovial
agroman



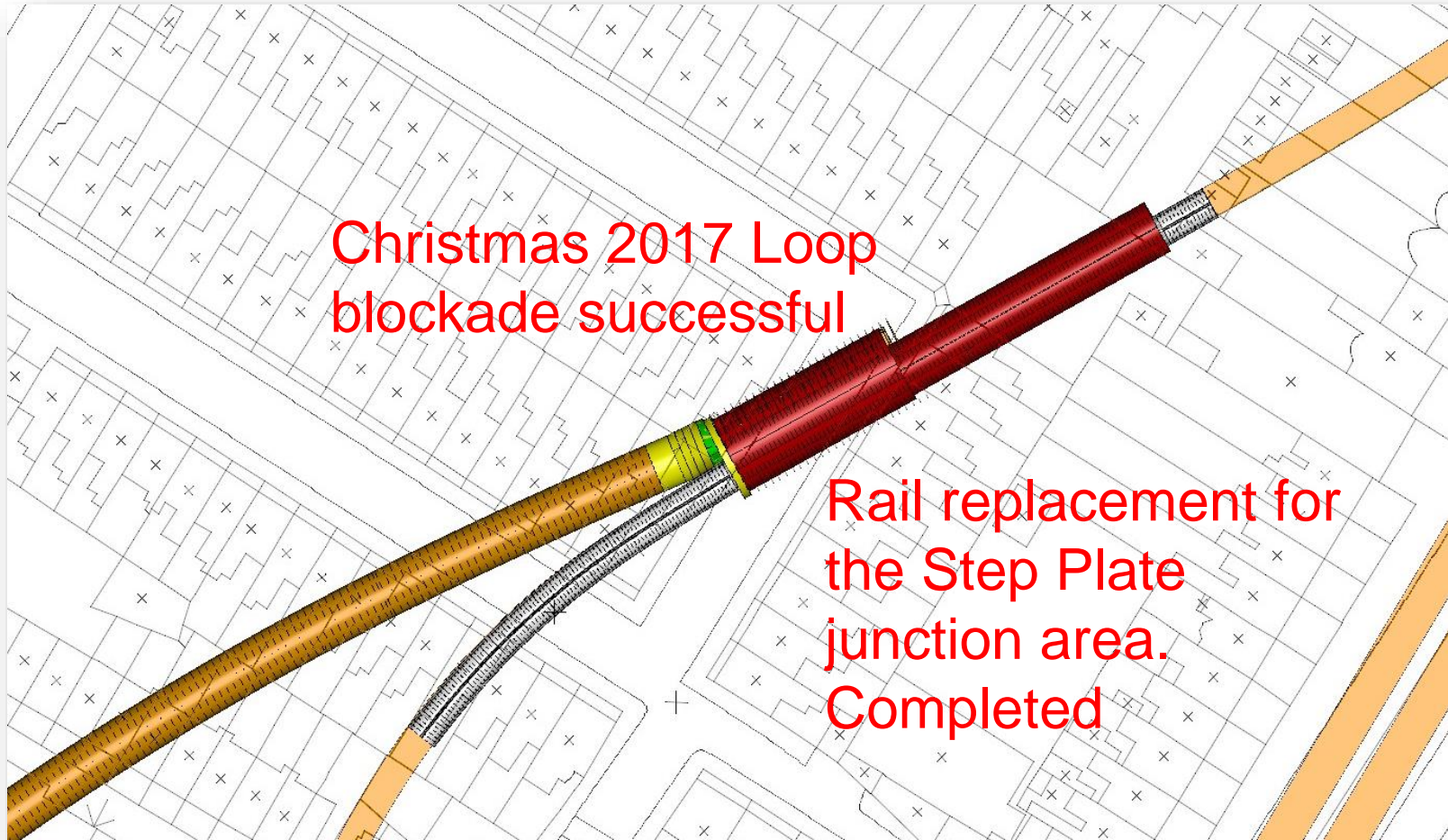
MAYOR OF LONDON



TRANSPORT
FOR LONDON



Summary Update Oct '17 – Jan '18



Kennington Green Step Plate Junction (SPJ) Christmas Works



Kennington Green Step Plate Junction (SPJ) Christmas Works



Kennington Green

New Track



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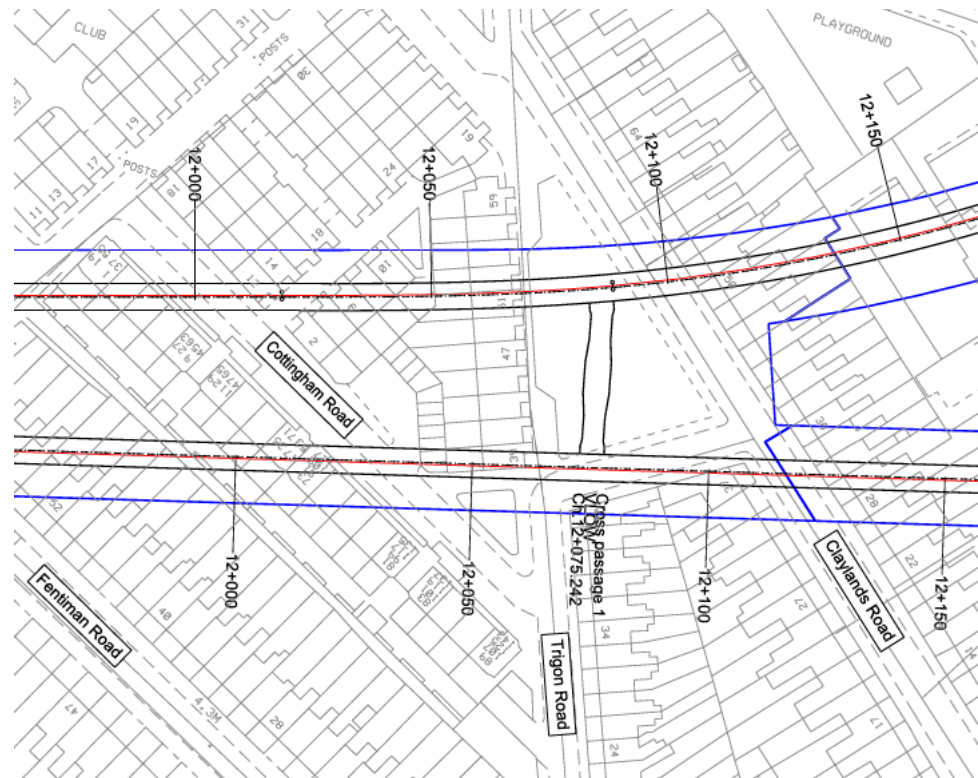


Kennington Green Plans 2018



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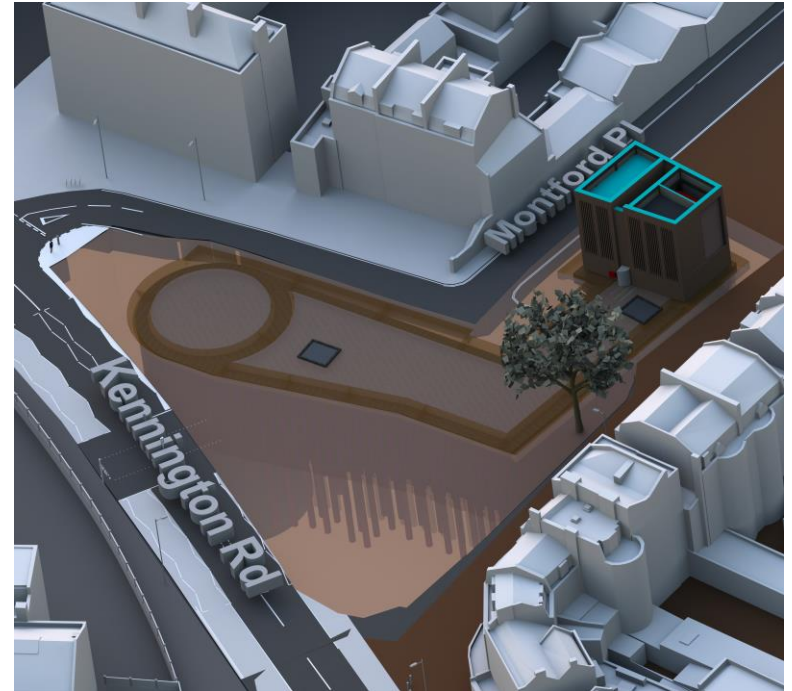
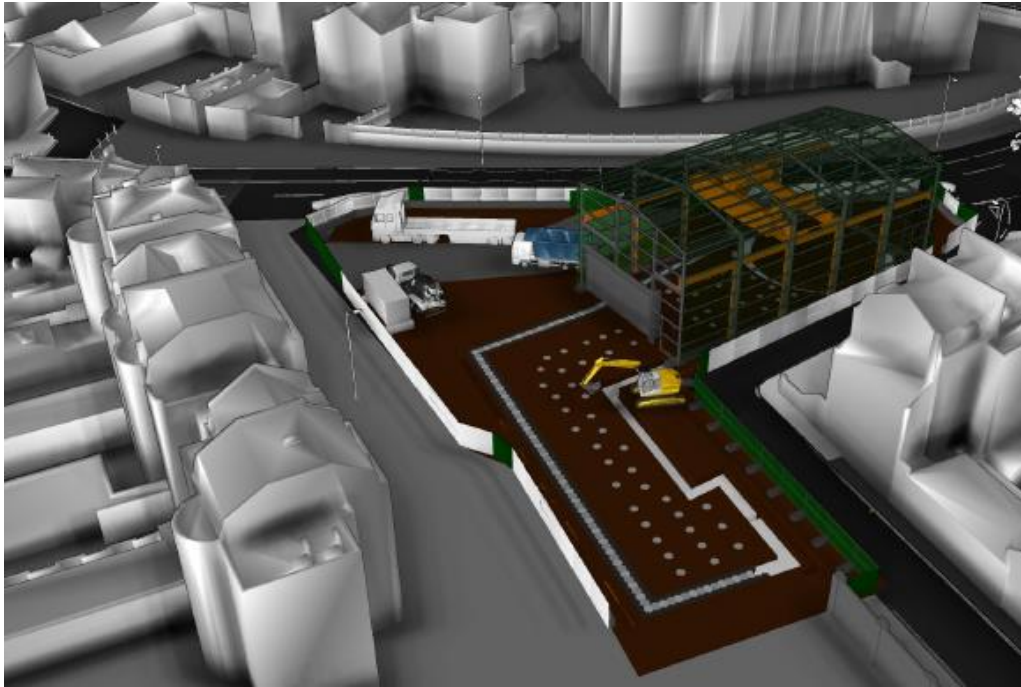
- Tunnel track foundation Dec '17 to April '18



- 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



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



Kennington Green Plans 2018

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.

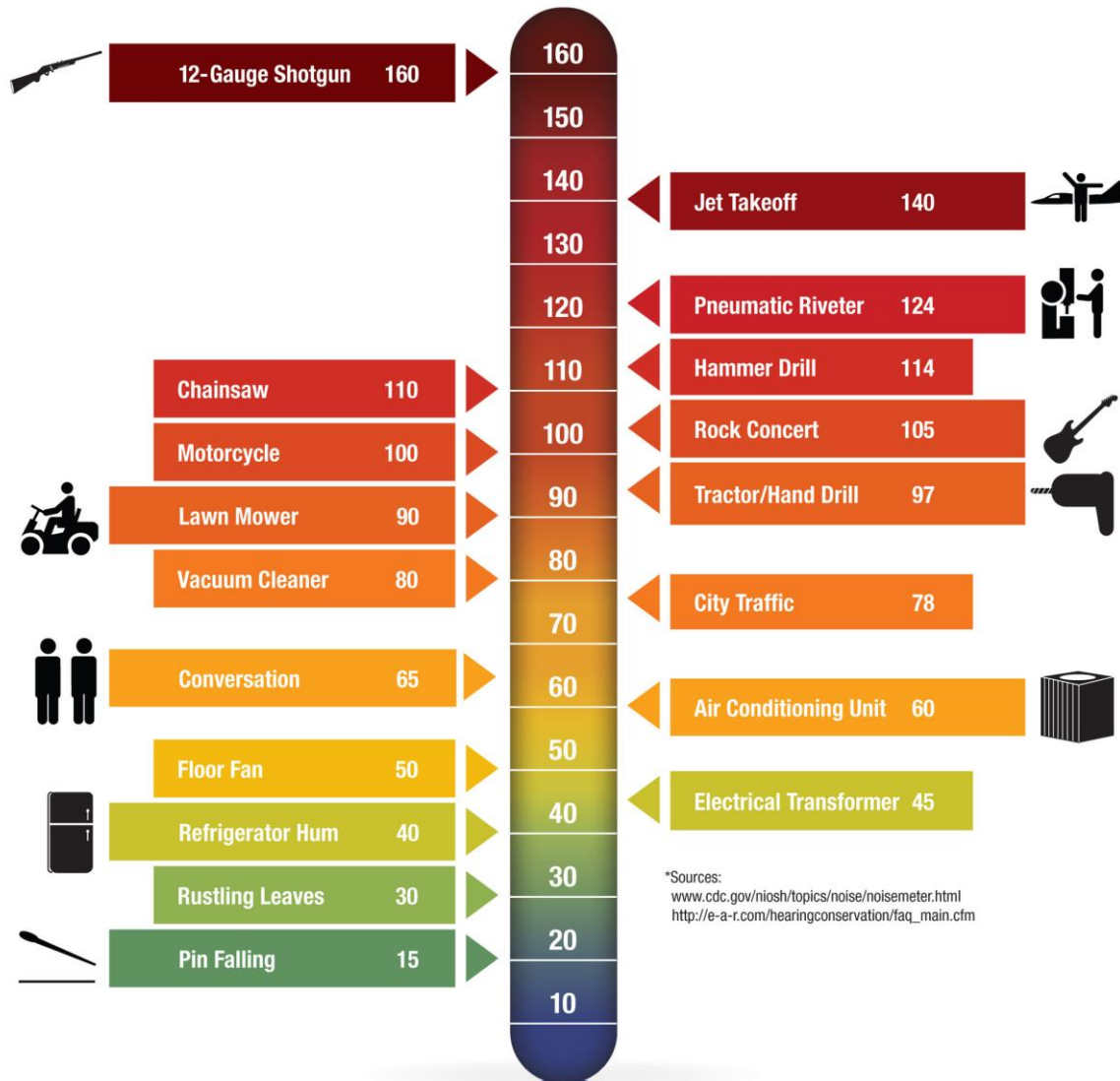


Predicted noise (worst case) 77.2dB
LAeq (10hr).

Decibel Scale (dBA)*



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*Sources:
www.cdc.gov/niosh/topics/noise/noisemeter.html
http://e-a-r.com/hearingconservation/faq_main.cfm



Kennington sites logistics



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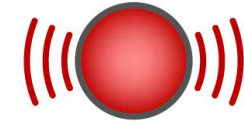
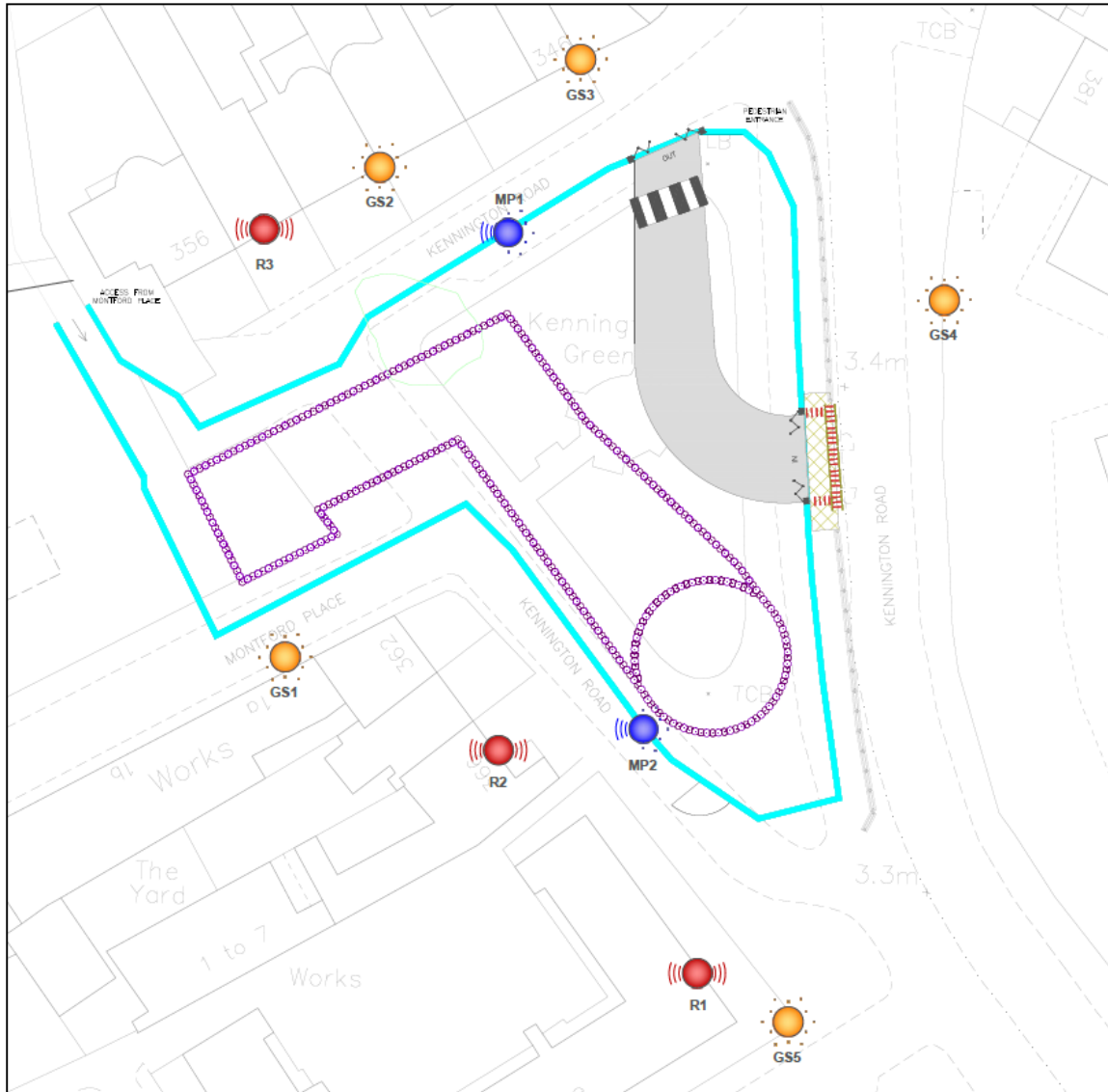
- We continue to Work Related Road Risk (WRRR) driver training awareness for vulnerable road users, IE cyclists.
- 100% WRRR compliant.
- Once abnormal deliveries have been authorised by the metropolitan police we alert the residents under section 61 explaining the reasons for either working early/late. 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.



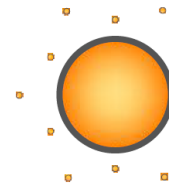
Kennington Green Monitoring points



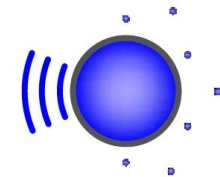
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RECEPTOR



UNATTENDED DUST
MONITORING POSITION
(GLASS SIDE)



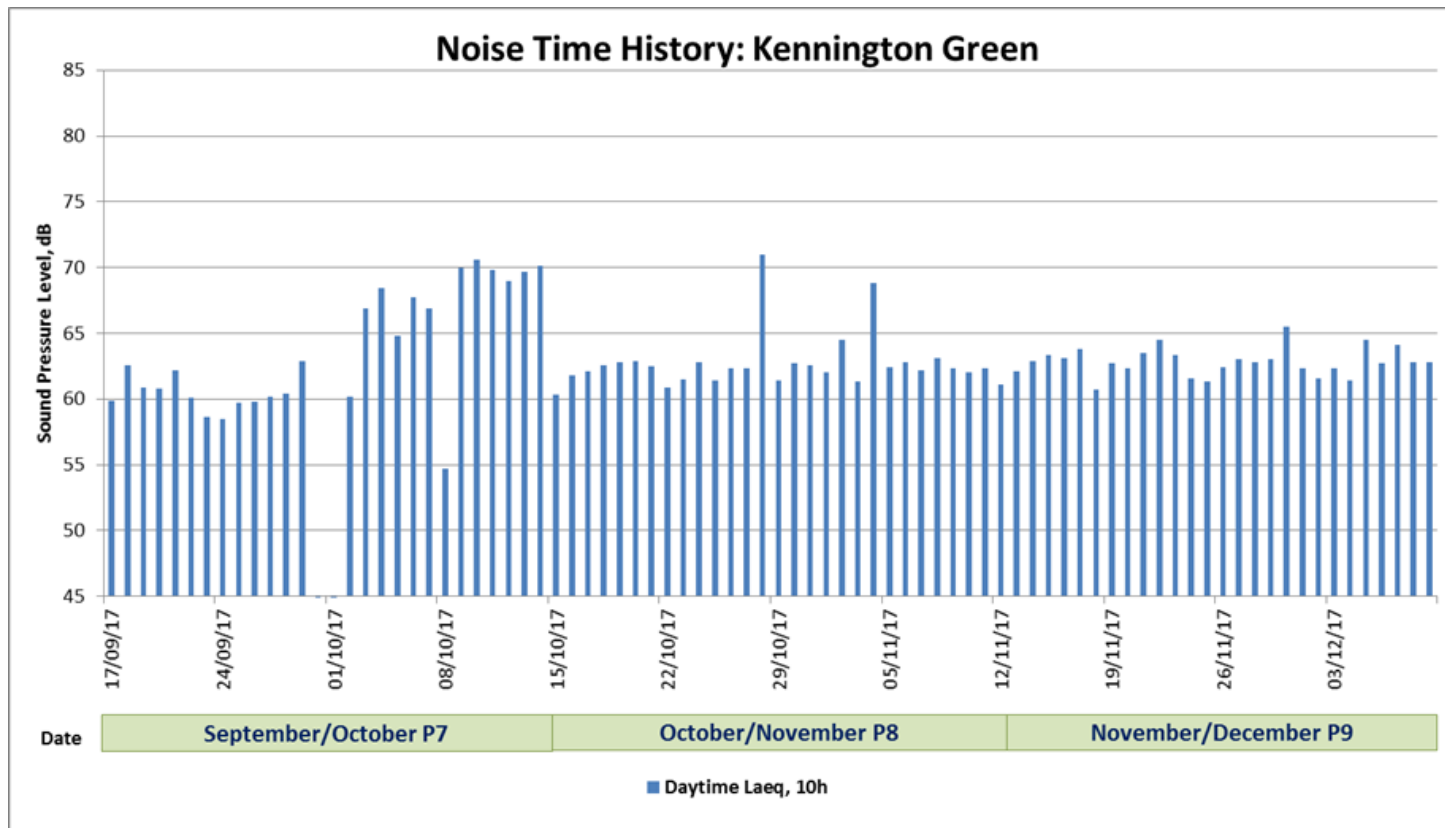
UNATTENDED
MONITORING POSITION



KG Monitoring Oct – Dec 2017

Monitored noise levels

0 triggers attributable to NLE



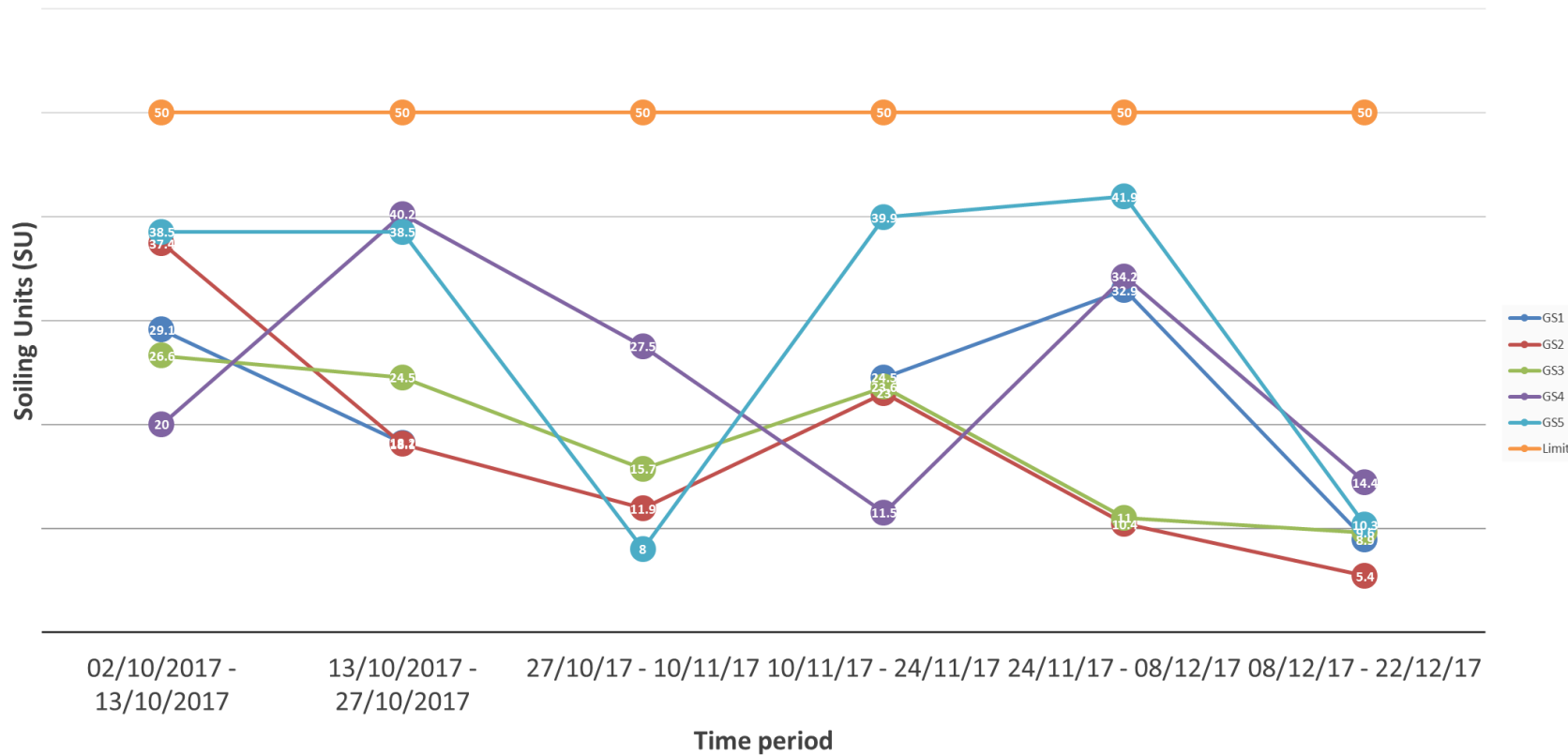
KG Monitoring Oct – Dec 2017



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Dust slides results – Passive AQ monitoring

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

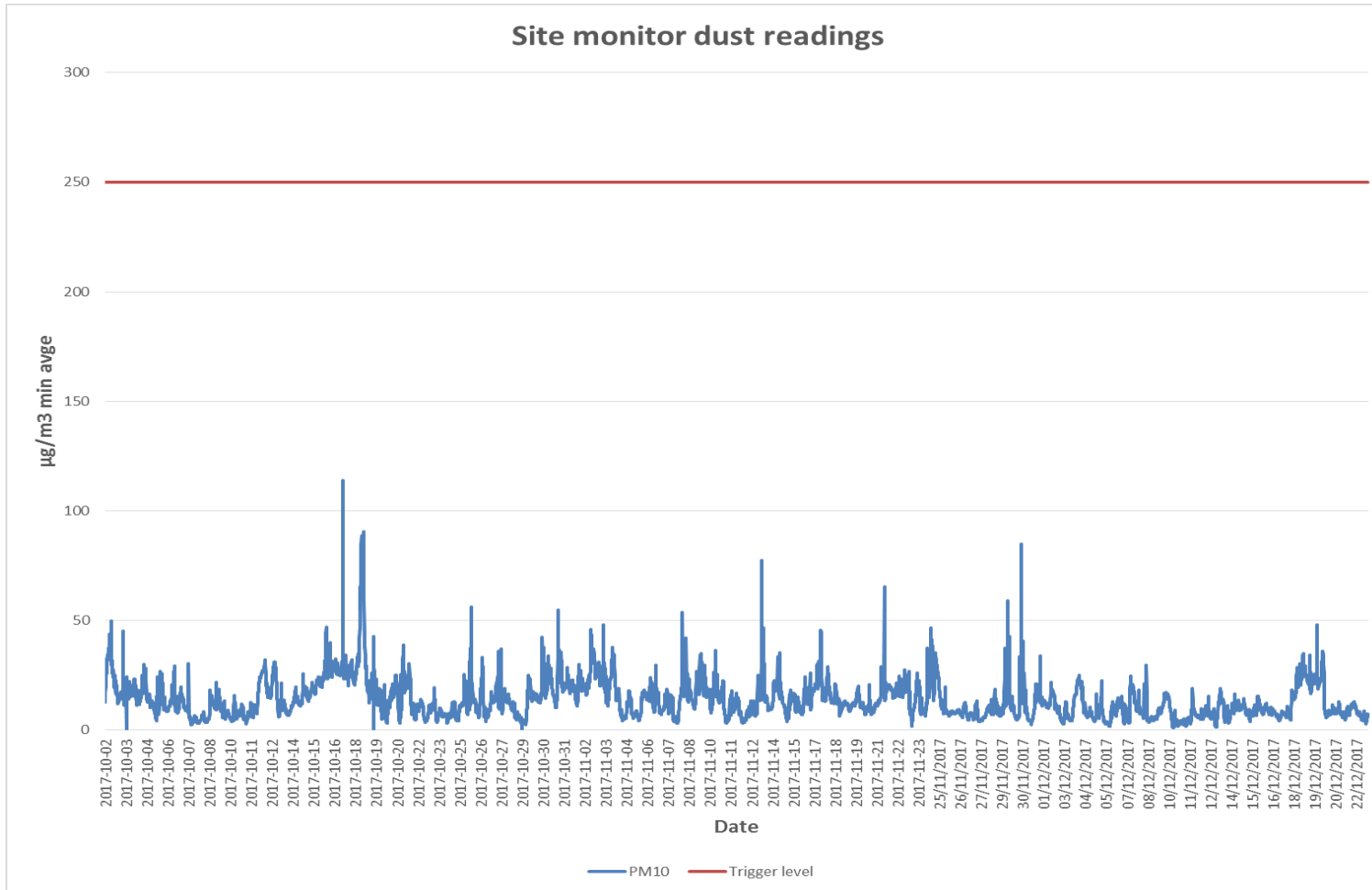


KG Monitoring Oct – Dec 2017



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Site monitor dust monitoring

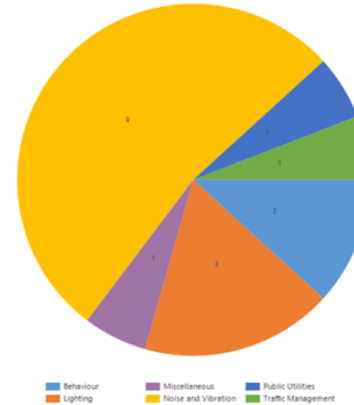


Kennington Green complaints and enquiries

- 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

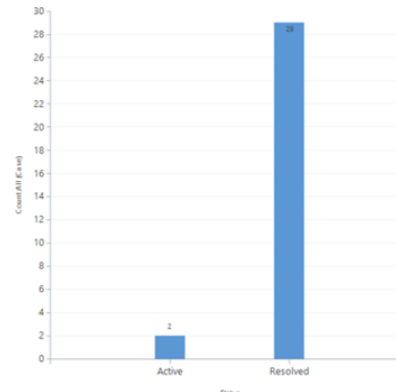
Complaint Type at Kennington Green and Montford Place (2017/2018, P7-P10):

Total:	17 complaints
• Public Utilities:	1 (6%)
• Traffic Management:	1 (6%)
• Behaviour:	2 (12%)
• Lighting:	3 (18%)
• Miscellaneous:	1 (6%)
• Noise and Vibration:	9 (53%)



Open / Closed cases at Kennington Green and Montford Place (2017/18, P7-P10):

Total:	31 cases
• Active:	2 (6%)
• Resolved:	29 (94%)



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>