



FERROVIAL AGROMAN  
LAING O'ROURKE JV

# Northern Line Extension

## Kennington Park

### Community Liaison Group

10 03 2016

Delivering the Northern line extension with

**ferrovial**  
agroman



MAYOR OF LONDON



# Kennington Park Jan – Mar 2016

- Piling works completed
- Breaking out of guide walls and concreting of the capping beams
- Pre-construction defect surveys continued
- On-going monitoring installations at identified locations



# Kennington Park Jan – Mar 2016



Pictures show progress at Kennington Park site during February 2016

# KP Look Ahead March – Jun 2016

- Foundations for acoustic enclosure and following installation of the structure.
- Breaking out of guide walls and concreting of Capping Beams.
- Installation of de-watering wells around the shafts and basement
- Tunnelling preparatory works



# KP Thames Water Utilities Works

## End of March 2016



- Thames Water works planned from **29 March to 5 April** by Kennington Park Place.
- 4 different liners. **Trenchless** operation Each installation will last for two days, maximum. Parking Suspensions will be needed.
- Two of these liners will be done under three and four way traffic lights.
- Works are to be undertaken after 9am (due to traffic) but due to the amount of connections within all of the runs, each length will more than likely run into a 12hr shift
- Traffic Management will come down at the end of each day
- More information to be sent out in advance



# Temporary Noise Enclosure

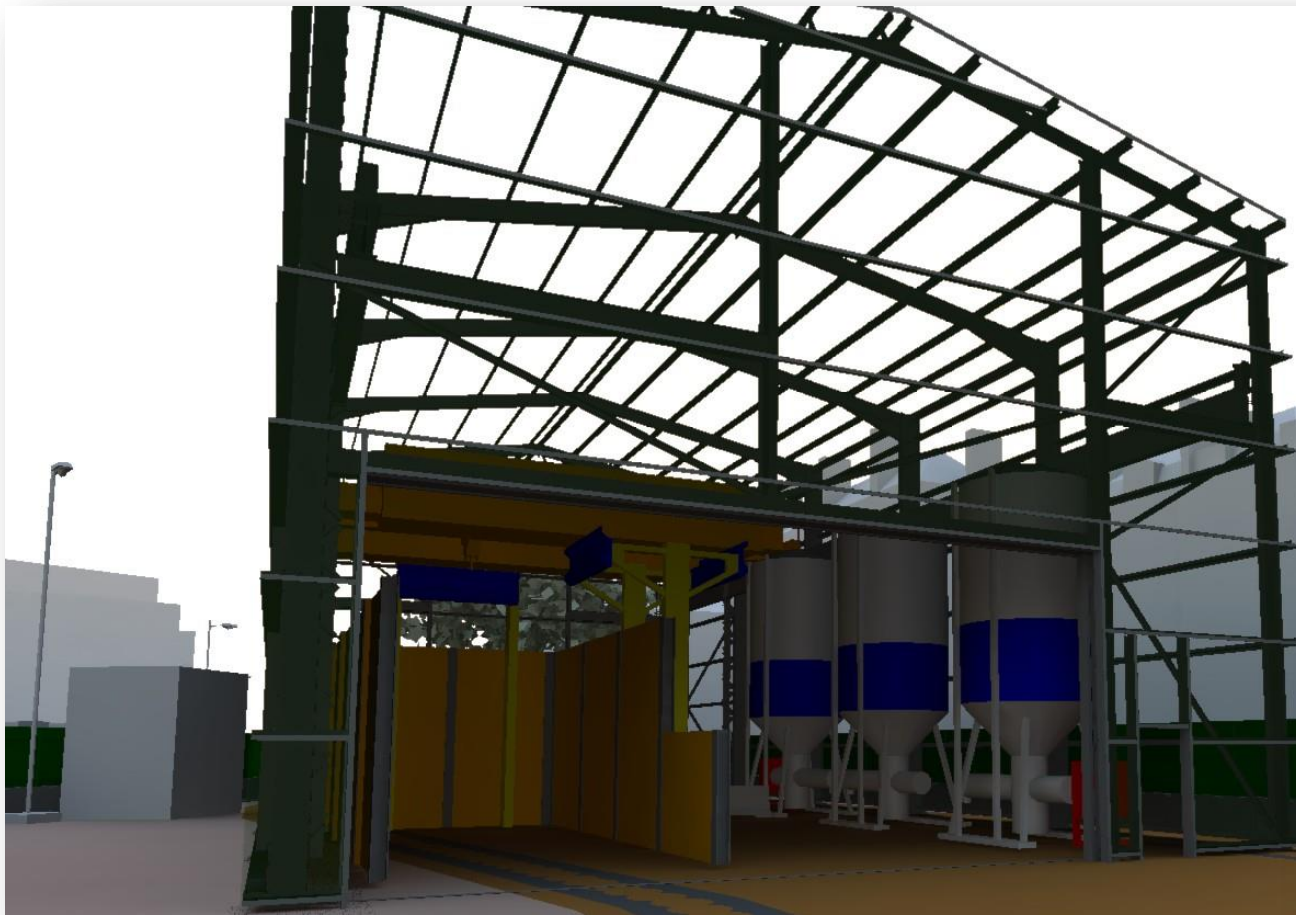


Receptor	Acoustic Enclosure Noise attenuation predictions $L_{Aeq}$ (dB)		
	No Shed	With Shed Door open (daytime)	With shed door closed (night time)
KP1	65	34	32
KP2	69	38	36
KP3	65	63	42

# KP Temporary Noise Enclosure



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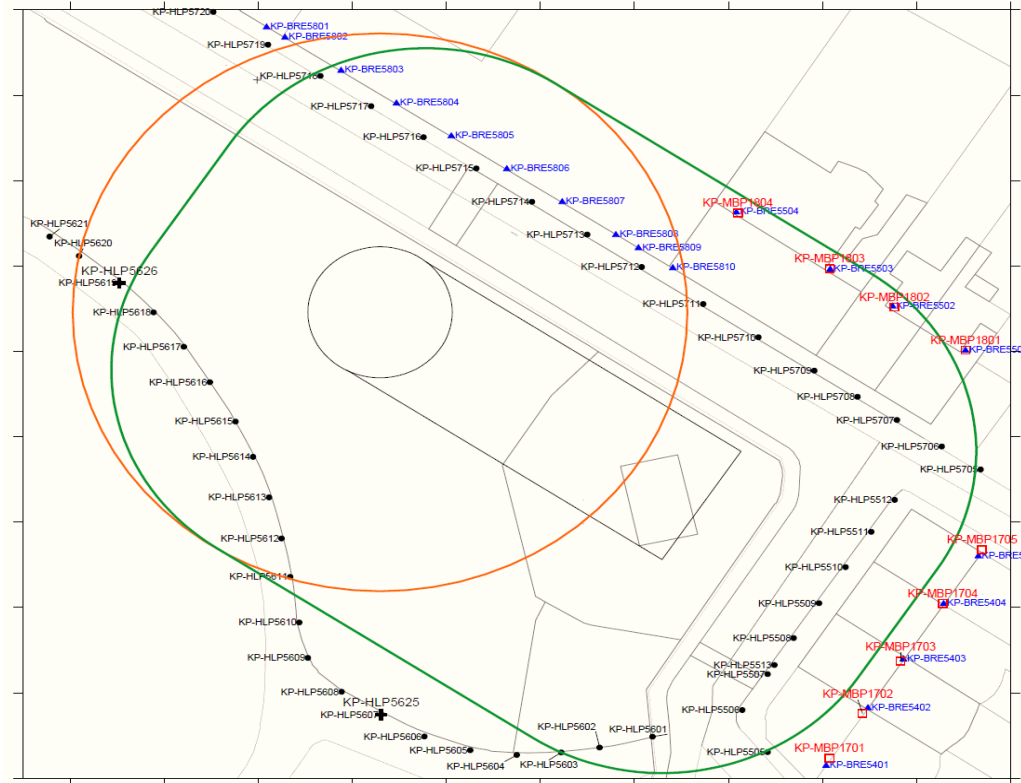
Illustrations show inside of acoustic enclosure and location within the Kennington Park site



# PHASE 1 Construction Activity Kennington Park – Piling works Zone of Influence (ZoI) - Complete



- Zol piling works shaft - orange line
- Zol piling works box – green line
- All the condition surveys within the ZoI of the piling works for the shaft and the box have been completed already.

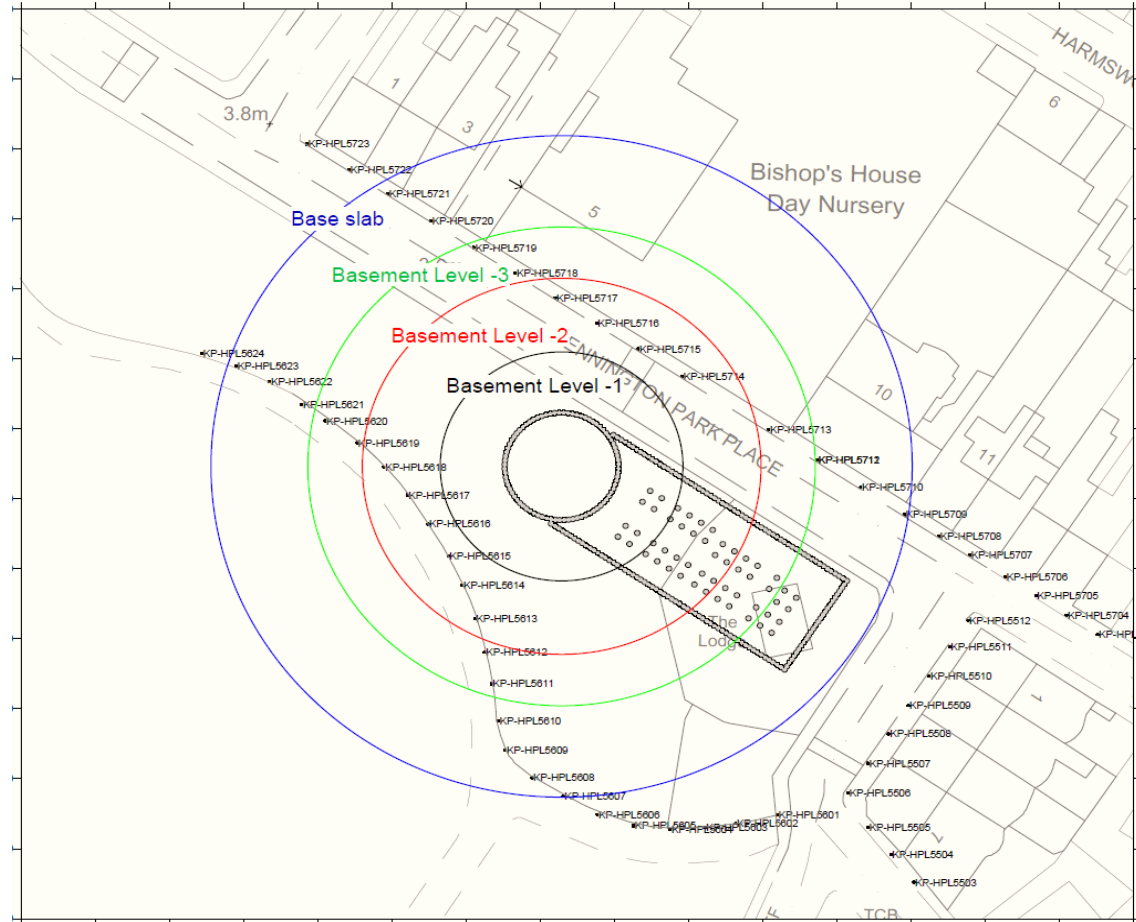




# PHASE 2 – June – July 2016

## Kennington Park – Excavation of the shaft

- Zol excavation of the shaft & SCL Tunnelling - **blue line** the maximum Zol.

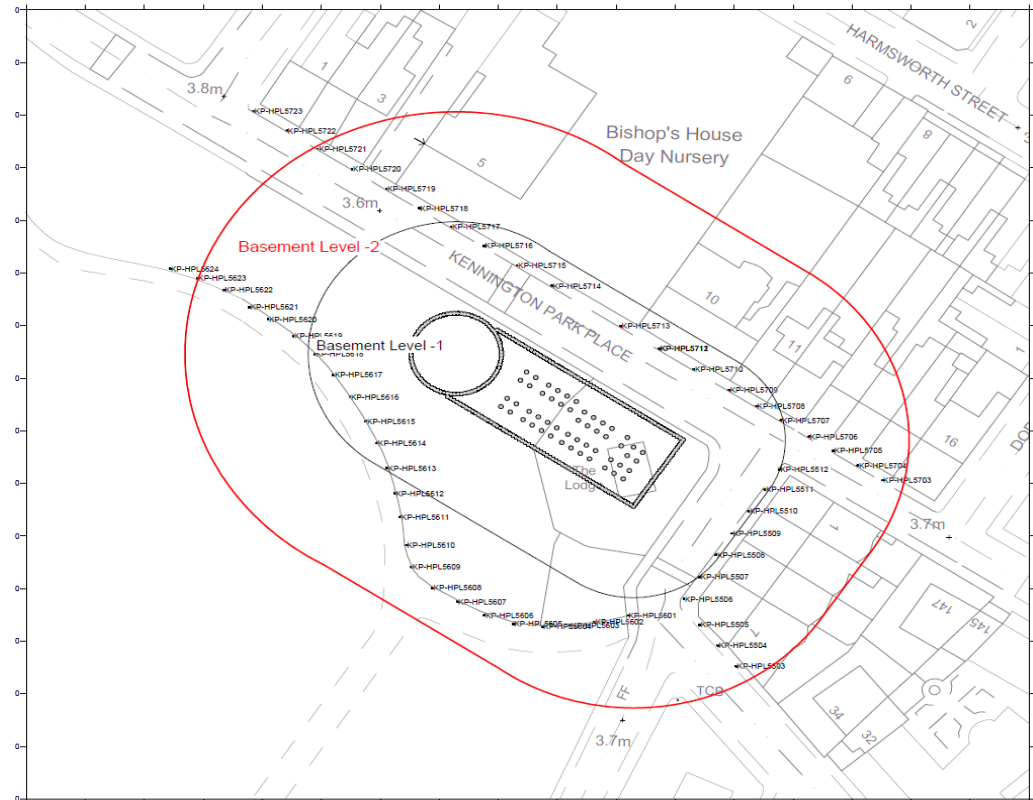


# PHASE 3 – March – September 2018

## Kennington Park – Excavation of the box.



- Zol excavation of the box – red line



# KP Monitoring Jan – Mar 2016

## Environmental Monitoring

Noise : 2 unattended continuous noise monitors

Dust: 2 unattended continuous dust monitors  
and 6no dust slide locations

Vibration: Piling works completed

## Monitoring Results Summary

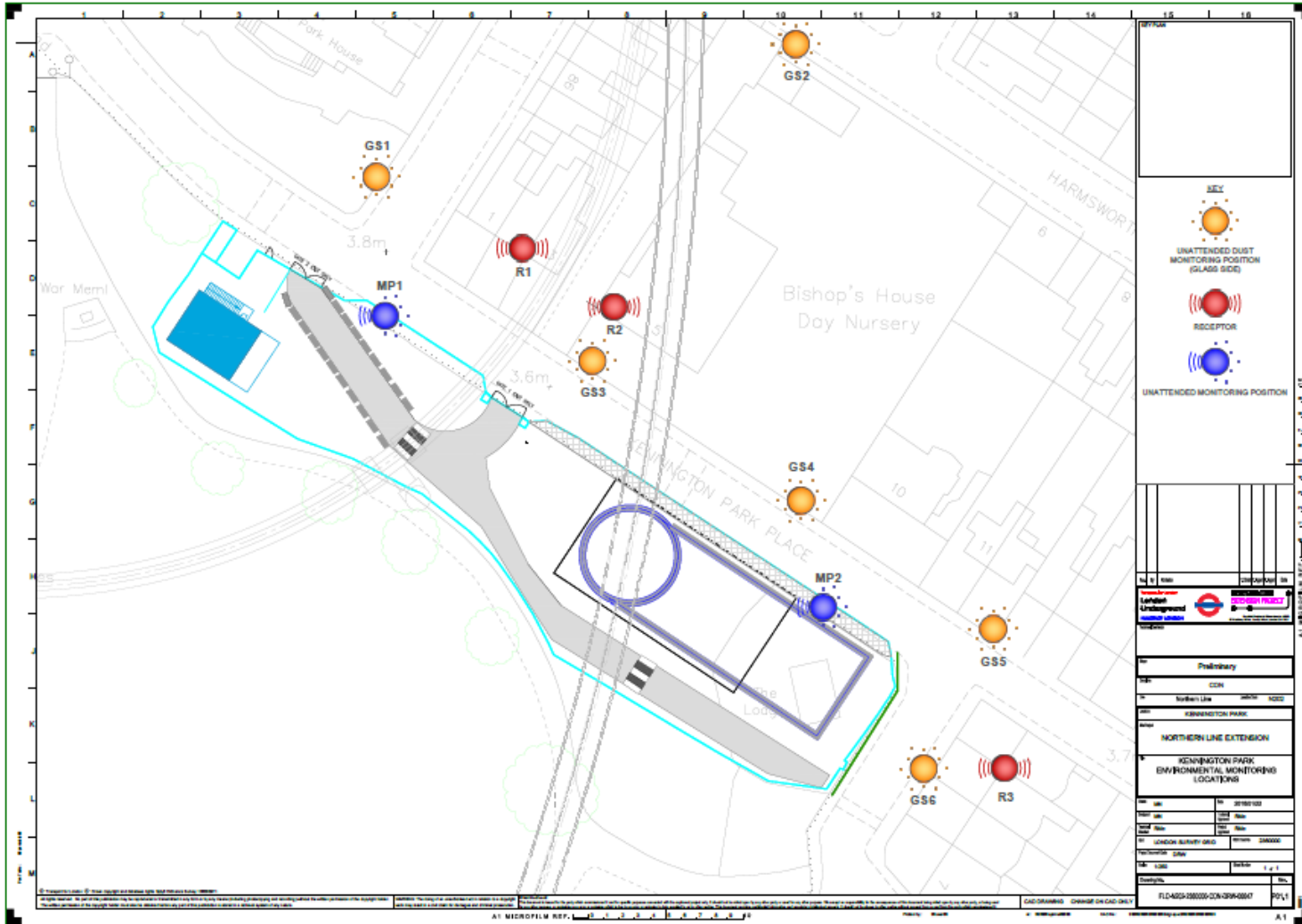
- 0 noise exceedances
- 0 dust slides exceedances
- 17 continuous dust exceedances (peaks)
- 0 vibration exceedances



# KP Monitoring Locations



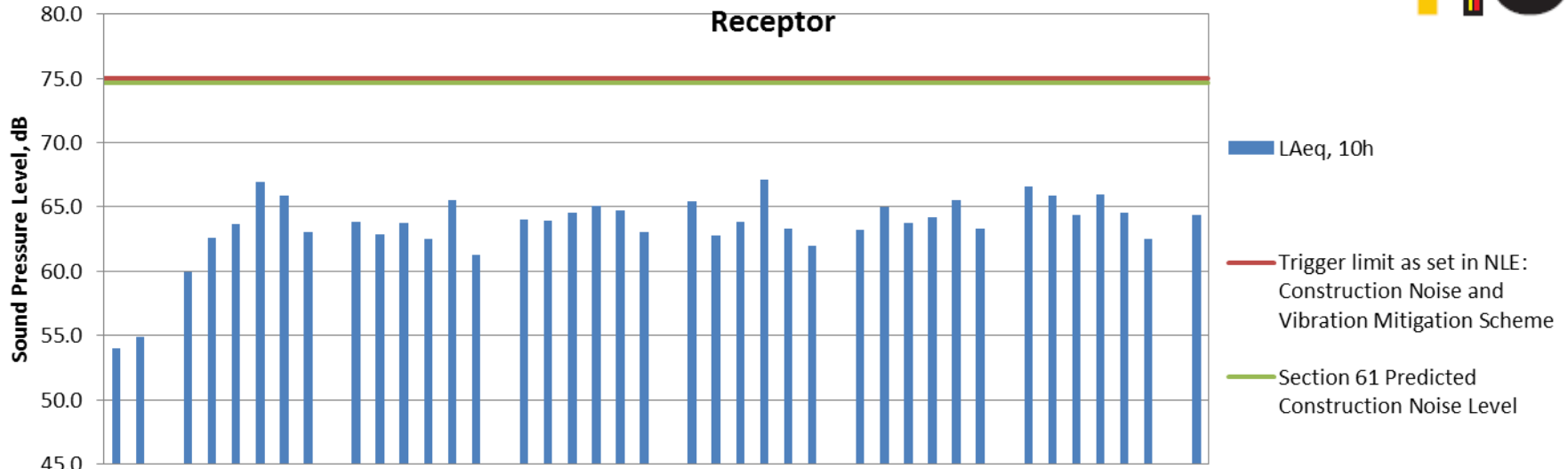
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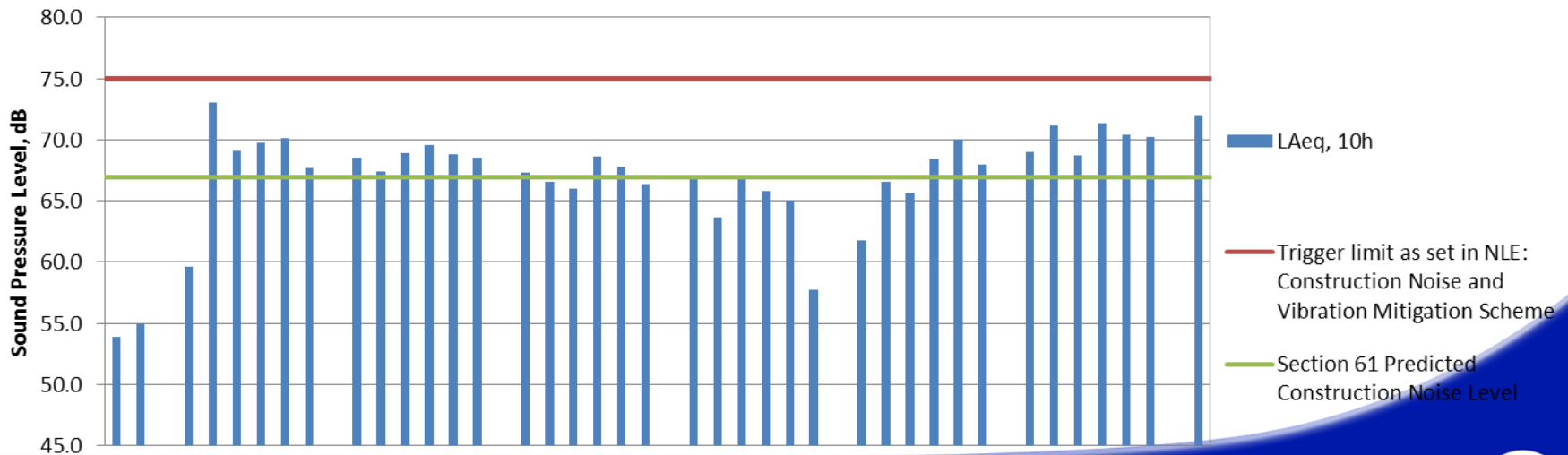
# Noise Profile



Noise Time History: R1 & R2 – Kennington Park Place / Bishops House Children's Centre

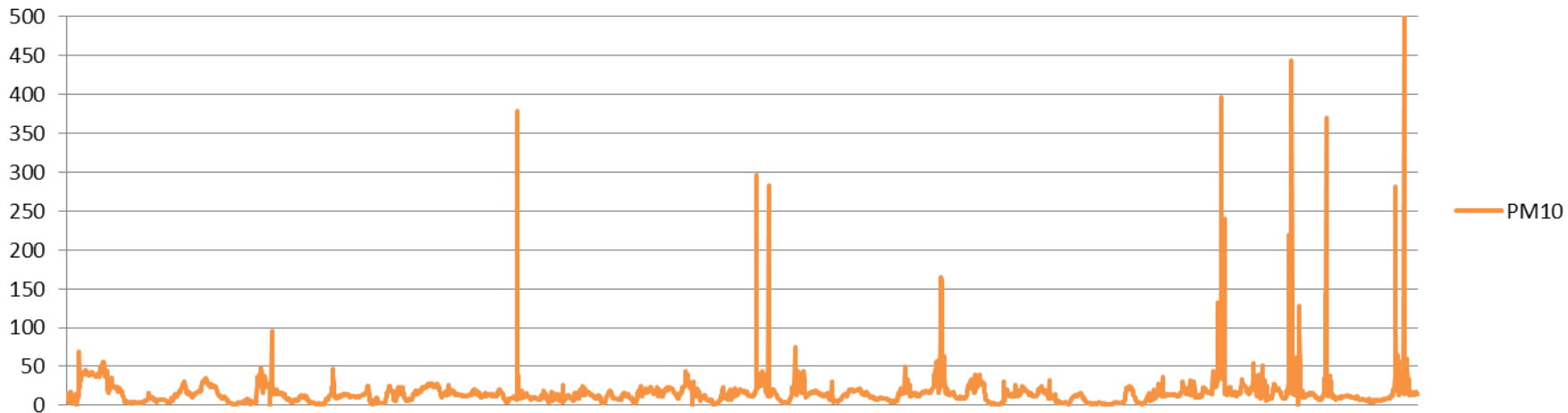


Noise Time History: R3 - St Agnes' Place Residences Receptor

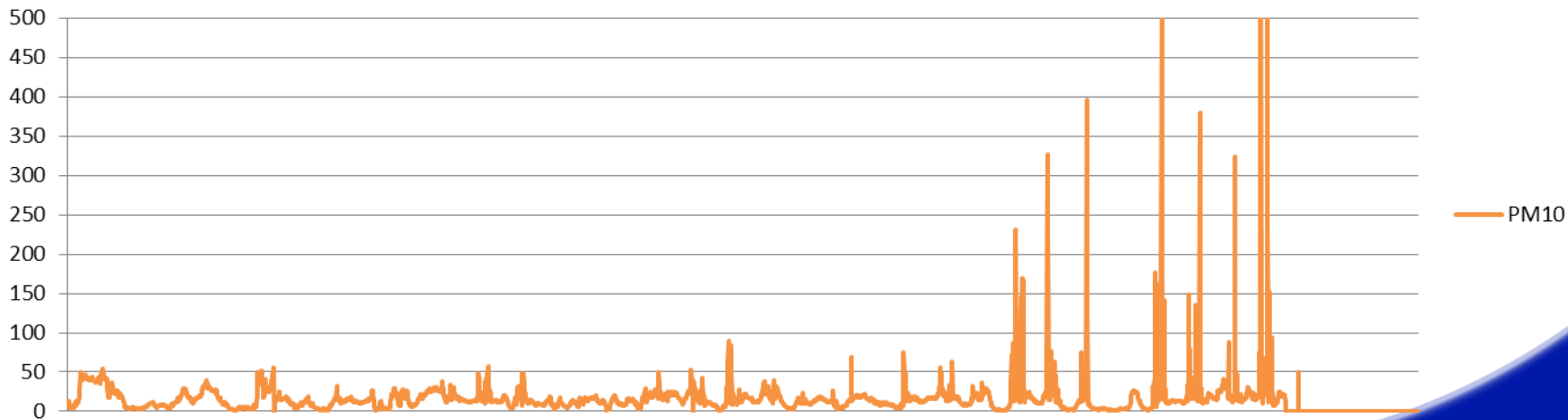


# Dust Profile

MP1



MP2



# Your Feedback



You Suggested	We Did
Visit to site to explain works and surveys etc.	Arranged meeting for concerned residents and provided information.
Landscaping engagement.	Engagement with parties ongoing
Engagement with Schools.	Representatives of Flo visited Kennington Park Academy to introduce the work and to set up further school involvement.
White Lines to be replaced on speed bumps.	Being arranged.
Zones of Influence for work phases to be provided.	Copies of the information provided during this presentation available



# Kennington Park Working Hours



Core working hours are Monday-Friday 08:00-18:00\* and Saturday 08:00-13:00, with shoulder hours either side of these for daily briefings, site set up/set down and maintenance.

These are standard working hours for construction activities across London.

We will continue to use best endeavours as requested to not start 'noisy' works e.g. breaking, piling until 09:00 on a Saturday, where possible.

\*Possible overruns may occur when a concrete pour is delayed and in order to be completed safely. A notification to residents is being sent accordingly in agreement with Local Authorities





# Engagement Opportunities



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- Community Liaison Groups
- Engagement sessions
- School engagement
- Cycle Safety Events

- Join Traffic Management meetings
- Drop-In sessions



# 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](mailto:nle@tfl.gov.uk)
- Drop In sessions
- Please visit:

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