

# Holloway Park, London

## Construction Monitoring Report

Client: London Square  
Ref: CM92-22405-R0  
Date: 17 October 2024  
Note by: Anthony Coraci, MSc DipIOA MIOA, Senior Acoustics Consultant

### 1. INTRODUCTION

1.1 This Technical Note sets out results of the construction monitoring being carried out at the above site between Monday 30<sup>th</sup> September & Saturday 12<sup>th</sup> October 2024. The monitoring is being carried out in general agreement with the methodology in the current Section 61 Consent between the London Borough of Islington and OHOB.

### 2. SITE ACTIVITIES

2.1 The following activities have been carried during the period covered by this report, in addition to the usual use of the Haul Road with site vehicles:

#### OHOB

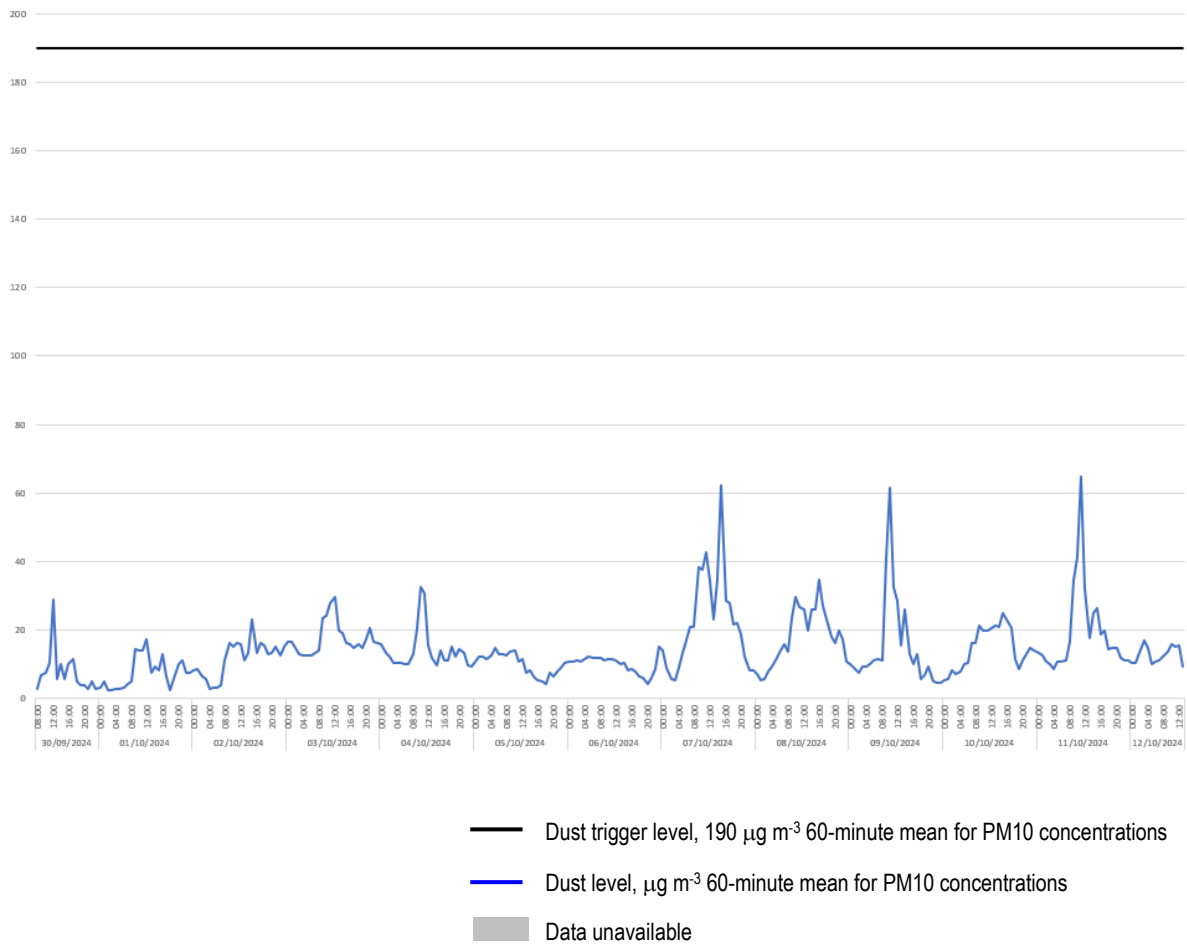
- Work continuing on the Block C decking
- Installation of drainage at Blocks D & E.
- Excavation & installation of pilecaps in Block D
- Tarmac installed in front of Block D3 (due to be completed by 18<sup>th</sup> October)
- Mobile plant used around the site where required
- Installing vertical elements including retaining walls – Block D

### 3. MONITORING DATA

3.1 This section sets out a summary of the monitoring data that has been recorded onsite and provides a discussion of any exceedances and best practicable means incorporated by the site team if exceedances were believed to be construction related.

#### Dust Monitoring Results

##### Location 1 (meter ref. TNO4728)



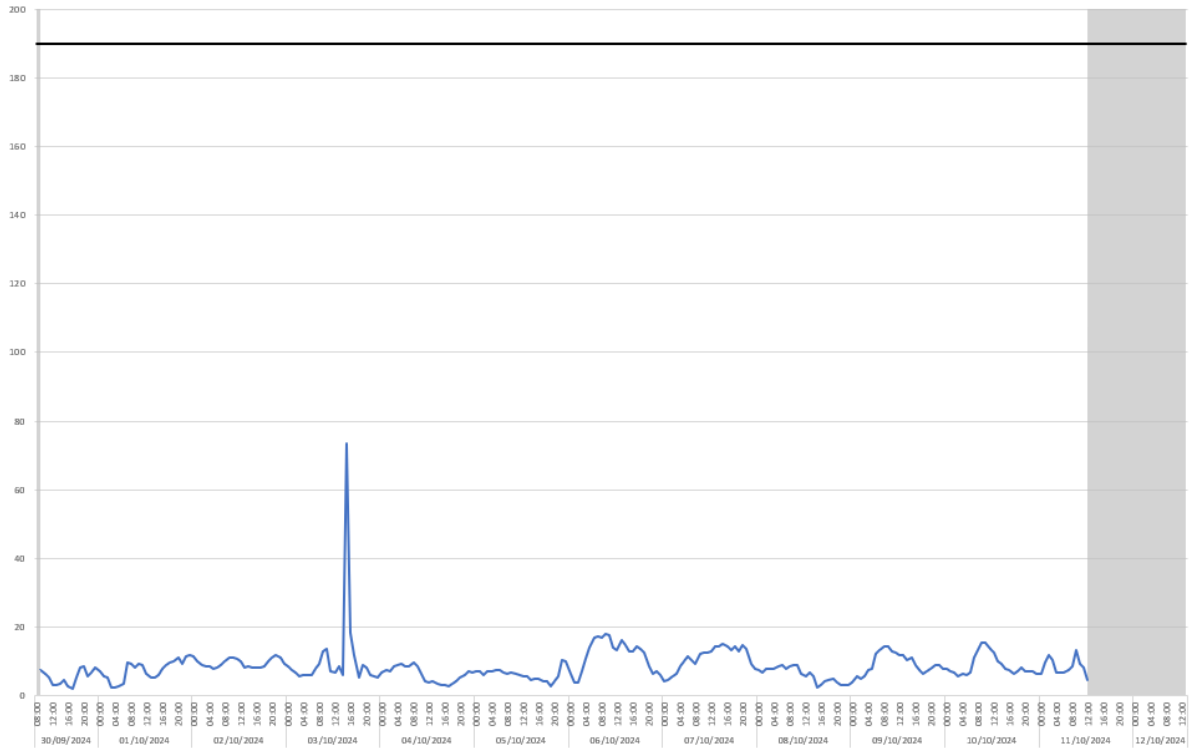
3.2 There was 100% data coverage at Location 1 during construction hours for the monitoring period covered by this report.

3.3 No exceedances of the project dust trigger level of 190 micrograms per cubic meter were recorded during the monitoring period covered by this report.

Location 2 (meter ref. TNO4778)

3.4 The dust monitor at this location was offsite for the monitoring period covered by this report. Cass Allen attended site on Thursday 26<sup>th</sup> September, to investigate a potential fault with the instrument. It was not possible to resolve the issue during the site visit, so the monitor was removed to be sent to the manufacturer for further investigation. An update will be provided as soon as possible.

Location 3 (meter ref. TNO4475)



- Dust trigger level, 190  $\mu\text{g m}^{-3}$  60-minute mean for PM10 concentrations
- Dust level,  $\mu\text{g m}^{-3}$  60-minute mean for PM10 concentrations
- Data unavailable

3.5 There was 89% data coverage at Location 3 during construction hours for the monitoring period covered by this report. The monitor was offline from 12:00 on Friday 11<sup>th</sup> October due to a temporary power outage, which has since been resolved.

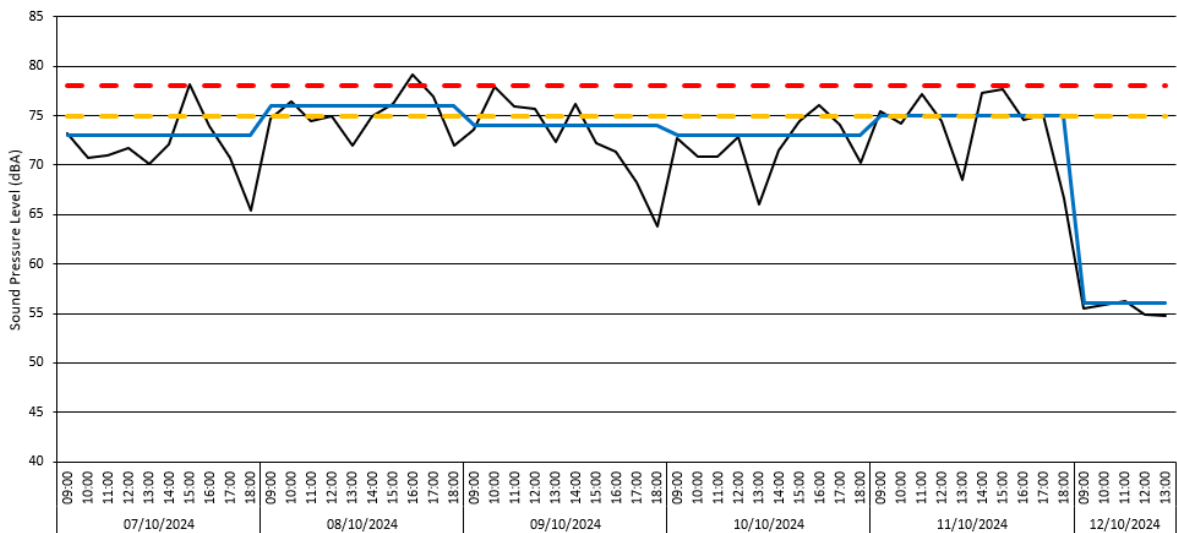
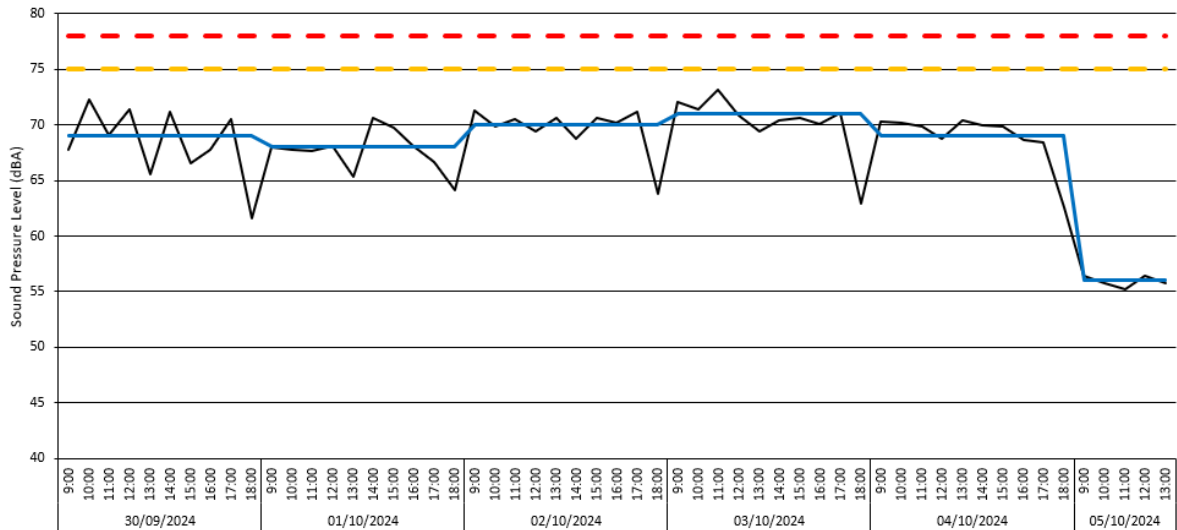
3.6 No exceedances of the project dust trigger level of 190 micrograms per cubic meter were recorded during the monitoring period covered by this report.

## Noise Monitoring Results

### Location 1 (meter ref. SMENK-9E5DF) – Raw Data

# Broadband Results	Time	L <sub>Aeq</sub> (60min)	L <sub>Aeq</sub> (7hr)	L <sub>Aeq</sub> (10hr)	L <sub>Aeq</sub> (5hr)
[YYYY-MM-DD]	[hh:mm:ss]	[dB]	[dB]	[dB]	[dB]
2024-09-30	09:00:00	67.8	--	--	--
2024-09-30	10:00:00	72.3	--	--	--
2024-09-30	11:00:00	69.1	--	--	--
2024-09-30	12:00:00	71.4	--	--	--
2024-09-30	13:00:00	65.6	--	--	--
2024-09-30	14:00:00	71.2	--	--	--
2024-09-30	15:00:00	66.6	--	--	--
2024-09-30	16:00:00	67.8	--	--	--
2024-09-30	17:00:00	70.5	--	--	--
2024-09-30	18:00:00	61.6	--	69.3	--
2024-10-01	09:00:00	68.0	--	--	--
2024-10-01	10:00:00	67.8	--	--	--
2024-10-01	11:00:00	67.7	--	--	--
2024-10-01	12:00:00	68.1	--	--	--
2024-10-01	13:00:00	65.3	--	--	--
2024-10-01	14:00:00	70.6	--	--	--
2024-10-01	15:00:00	69.8	--	--	--
2024-10-01	16:00:00	68.1	--	--	--
2024-10-01	17:00:00	66.7	--	--	--
2024-10-01	18:00:00	64.1	--	68.0	--
2024-10-02	09:00:00	70.2	--	--	--
2024-10-02	10:00:00	69.9	--	--	--
2024-10-02	11:00:00	70.5	--	--	--
2024-10-02	12:00:00	69.4	--	--	--
2024-10-02	13:00:00	70.6	--	--	--
2024-10-02	14:00:00	68.8	--	--	--
2024-10-02	15:00:00	70.6	--	--	--
2024-10-02	16:00:00	70.2	--	--	--
2024-10-02	17:00:00	71.2	--	--	--
2024-10-02	18:00:00	63.8	--	70.0	--
2024-10-03	09:00:00	72.1	--	--	--
2024-10-03	10:00:00	71.4	--	--	--
2024-10-03	11:00:00	73.2	--	--	--
2024-10-03	12:00:00	70.9	--	--	--
2024-10-03	13:00:00	69.4	--	--	--
2024-10-03	14:00:00	70.4	--	--	--
2024-10-03	15:00:00	70.6	--	--	--
2024-10-03	16:00:00	70.1	--	--	--
2024-10-03	17:00:00	71.1	--	--	--
2024-10-03	18:00:00	62.9	--	70.8	--
2024-10-04	09:00:00	70.3	--	--	--
2024-10-04	10:00:00	70.2	--	--	--
2024-10-04	11:00:00	69.9	--	--	--
2024-10-04	12:00:00	68.8	--	--	--
2024-10-04	13:00:00	70.4	--	--	--
2024-10-04	14:00:00	70.0	--	--	--
2024-10-04	15:00:00	69.9	--	--	--
2024-10-04	16:00:00	68.7	--	--	--
2024-10-04	17:00:00	68.4	--	--	--
2024-10-04	18:00:00	62.6	--	69.3	--
2024-10-05	09:00:00	56.4	--	--	--
2024-10-05	10:00:00	55.8	--	--	--
2024-10-05	11:00:00	55.2	--	--	--
2024-10-05	12:00:00	56.4	--	--	--
2024-10-05	13:00:00	55.8	--	--	55.9
2024-10-06	18:00:00	--	--	55.6	--
2024-10-07	09:00:00	73.2	--	--	--
2024-10-07	10:00:00	70.7	--	--	--
2024-10-07	11:00:00	71.0	--	--	--
2024-10-07	12:00:00	71.7	--	--	--
2024-10-07	13:00:00	70.1	--	--	--
2024-10-07	14:00:00	72.1	--	--	--
2024-10-07	15:00:00	78.2	--	--	--
2024-10-07	16:00:00	74.0	--	--	--
2024-10-07	17:00:00	70.8	--	--	--
2024-10-07	18:00:00	65.4	--	72.9	--
2024-10-08	09:00:00	74.7	--	--	--
2024-10-08	10:00:00	76.5	--	--	--
2024-10-08	11:00:00	74.4	--	--	--
2024-10-08	12:00:00	75.0	--	--	--
2024-10-08	13:00:00	72.0	--	--	--
2024-10-08	14:00:00	75.0	--	--	--
2024-10-08	15:00:00	76.2	--	--	--
2024-10-08	16:00:00	79.2	--	--	--
2024-10-08	17:00:00	76.9	--	--	--
2024-10-08	18:00:00	72.0	--	75.7	--
2024-10-09	09:00:00	73.6	--	--	--
2024-10-09	10:00:00	77.9	--	--	--
2024-10-09	11:00:00	76.0	--	--	--
2024-10-09	12:00:00	75.7	--	--	--
2024-10-09	13:00:00	72.4	--	--	--
2024-10-09	14:00:00	76.2	--	--	--
2024-10-09	15:00:00	72.2	--	--	--
2024-10-09	16:00:00	71.4	--	--	--
2024-10-09	17:00:00	68.3	--	--	--
2024-10-09	18:00:00	63.8	--	74.2	--
2024-10-10	09:00:00	72.7	--	--	--
2024-10-10	10:00:00	70.9	--	--	--
2024-10-10	11:00:00	70.9	--	--	--
2024-10-10	12:00:00	72.9	--	--	--
2024-10-10	13:00:00	66.0	--	--	--
2024-10-10	14:00:00	71.5	--	--	--
2024-10-10	15:00:00	74.5	--	--	--
2024-10-10	16:00:00	76.1	--	--	--
2024-10-10	17:00:00	74.1	--	--	--
2024-10-10	18:00:00	70.2	--	72.7	--
2024-10-11	09:00:00	75.4	--	--	--
2024-10-11	10:00:00	74.2	--	--	--
2024-10-11	11:00:00	77.2	--	--	--
2024-10-11	12:00:00	74.5	--	--	--
2024-10-11	13:00:00	68.5	--	--	--
2024-10-11	14:00:00	77.3	--	--	--
2024-10-11	15:00:00	77.7	--	--	--
2024-10-11	16:00:00	74.6	--	--	--
2024-10-11	17:00:00	75.1	--	--	--
2024-10-11	18:00:00	66.6	--	75.1	--
2024-10-12	09:00:00	55.5	--	--	--
2024-10-12	10:00:00	55.9	--	--	--
2024-10-12	11:00:00	56.2	--	--	--
2024-10-12	12:00:00	54.9	--	--	--
2024-10-12	13:00:00	54.7	--	--	55.5

Location 1 (meter ref. SMENK-9E5DF) – Time History Data



- Daily noise trigger level (75 dB LAeq,0800-1800 hours, LAeq,0800-1300 hours)
- Hourly noise action level (78 dB LAeq, 1 hour)
- Noise level, LAeq, 1hour
- Daily noise level (dB LAeq,0800-1800 hours, LAeq,0800-1300 hours)
- Data unavailable

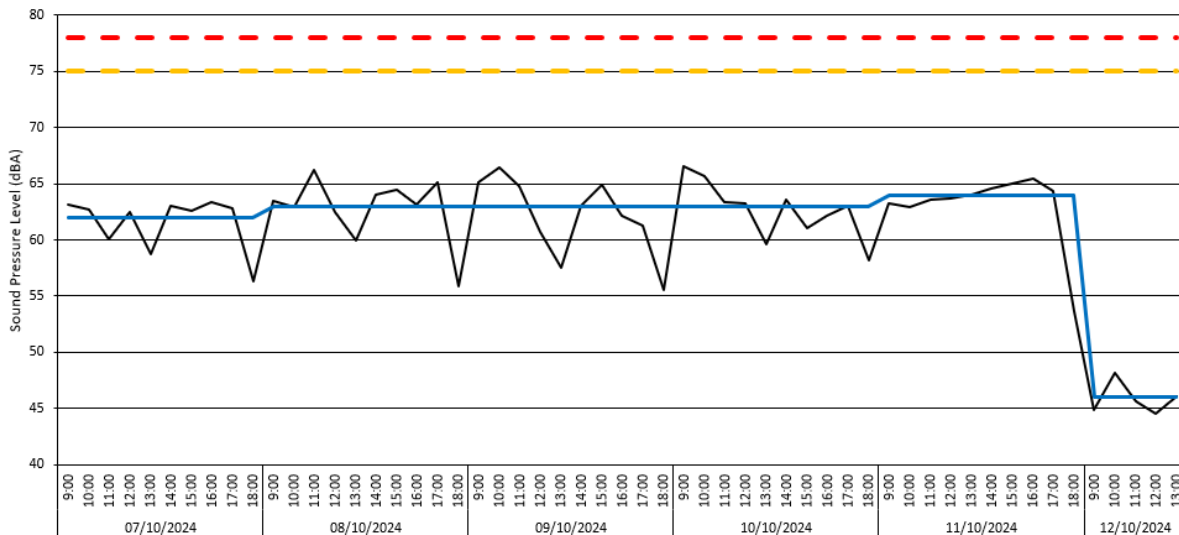
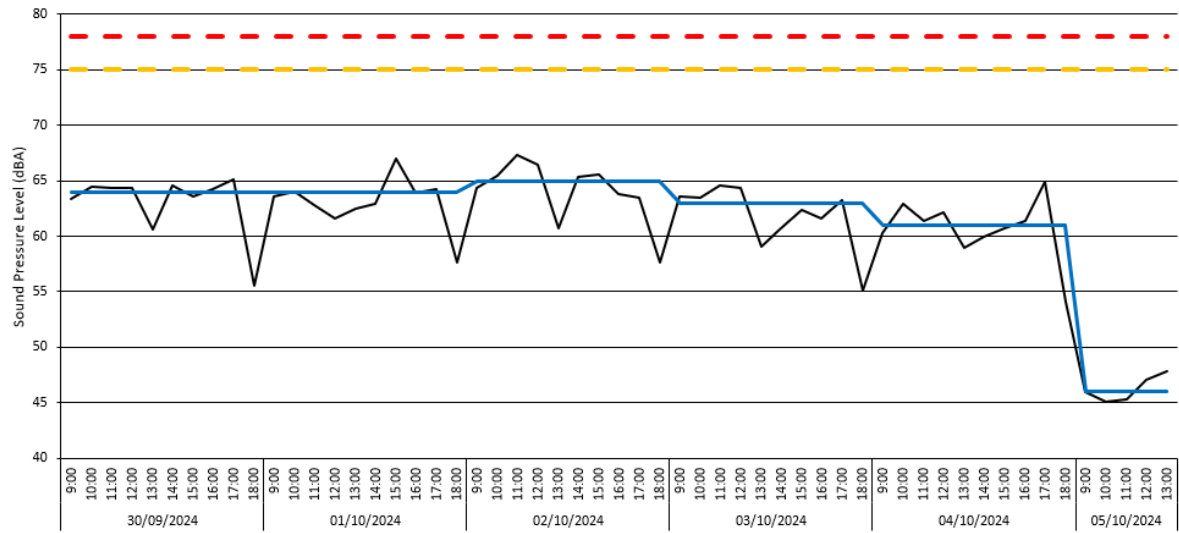
- 3.7 There was 100% data coverage at Location 1 during construction hours for the monitoring period covered by this report.
- 3.8 Two exceedances of both the project daily noise trigger level of 75 dB LAeq,T and hourly noise action level of 78 dB LAeq,1hr were recorded during the monitoring period covered by this report. The daily exceedances were recorded on: Tuesday 8<sup>th</sup> October with a level of 75.7 dB LAeq,10hrs and Friday 11<sup>th</sup> October with a level of 75.1 dB LAeq,10hrs.

- 3.9 The hourly exceedances were recorded on: Monday 7<sup>th</sup> October at 15:00 with a recorded level of 78 dB LAeq,1hr and Tuesday 8<sup>th</sup> October at 16:00 with a recorded level of 79 dB LAeq,1hr. Site management confirmed that the site team were backfilling the retaining wall on Block C, at lower level within close proximity of the monitor. This will continue to be monitored.

**Location 2 (meter ref. VFHMP-7XSY7) – Raw Data**

# Broadband Results	Date	Time	LAeq(60min)	LAeq(10hr)	LAeq(5hr)
	[YYYY-MM-DD]	[hh:mm:ss]	[dB]	[dB]	[dB]
	2024-09-30	09:00:00	63.4	--	--
	2024-09-30	10:00:00	64.5	--	--
	2024-09-30	11:00:00	64.3	--	--
	2024-09-30	12:00:00	64.3	--	--
	2024-09-30	13:00:00	60.6	--	--
	2024-09-30	14:00:00	64.6	--	--
	2024-09-30	15:00:00	63.6	--	--
	2024-09-30	16:00:00	64.2	--	--
	2024-09-30	17:00:00	65.1	--	--
	2024-09-30	18:00:00	55.5	63.6	--
	2024-10-01	09:00:00	63.6	--	--
	2024-10-01	10:00:00	64.0	--	--
	2024-10-01	11:00:00	62.8	--	--
	2024-10-01	12:00:00	61.6	--	--
	2024-10-01	13:00:00	62.5	--	--
	2024-10-01	14:00:00	62.9	--	--
	2024-10-01	15:00:00	67.0	--	--
	2024-10-01	16:00:00	63.9	--	--
	2024-10-01	17:00:00	64.2	--	--
	2024-10-01	18:00:00	57.6	63.5	--
	2024-10-02	09:00:00	64.3	--	--
	2024-10-02	10:00:00	65.4	--	--
	2024-10-02	11:00:00	67.3	--	--
	2024-10-02	12:00:00	66.4	--	--
	2024-10-02	13:00:00	60.7	--	--
	2024-10-02	14:00:00	65.3	--	--
	2024-10-02	15:00:00	65.6	--	--
	2024-10-02	16:00:00	63.8	--	--
	2024-10-02	17:00:00	63.5	--	--
	2024-10-02	18:00:00	57.6	64.7	--
	2024-10-03	09:00:00	63.6	--	--
	2024-10-03	10:00:00	63.5	--	--
	2024-10-03	11:00:00	64.6	--	--
	2024-10-03	12:00:00	64.4	--	--
	2024-10-03	13:00:00	59.1	--	--
	2024-10-03	14:00:00	60.7	--	--
	2024-10-03	15:00:00	62.4	--	--
	2024-10-03	16:00:00	61.6	--	--
	2024-10-03	17:00:00	63.2	--	--
	2024-10-03	18:00:00	55.1	62.5	--
	2024-10-04	09:00:00	60.3	--	--
	2024-10-04	10:00:00	62.9	--	--
	2024-10-04	11:00:00	61.4	--	--
	2024-10-04	12:00:00	62.1	--	--
	2024-10-04	13:00:00	59.0	--	--
	2024-10-04	14:00:00	59.9	--	--
	2024-10-04	15:00:00	60.7	--	--
	2024-10-04	16:00:00	61.4	--	--
	2024-10-04	17:00:00	64.9	--	--
	2024-10-04	18:00:00	54.1	61.4	--
	2024-10-05	09:00:00	46.0	--	--
	2024-10-05	10:00:00	45.1	--	--
	2024-10-05	11:00:00	45.3	--	--
	2024-10-05	12:00:00	47.1	--	--
	2024-10-05	13:00:00	47.8	--	46.4
	2024-10-06	18:00:00	--	47.4	--
	2024-10-07	09:00:00	63.1	--	--
	2024-10-07	10:00:00	62.7	--	--
	2024-10-07	11:00:00	60.1	--	--
	2024-10-07	12:00:00	62.5	--	--
	2024-10-07	13:00:00	58.7	--	--
	2024-10-07	14:00:00	63.0	--	--
	2024-10-07	15:00:00	62.6	--	--
	2024-10-07	16:00:00	63.4	--	--
	2024-10-07	17:00:00	62.8	--	--
	2024-10-07	18:00:00	56.3	62.0	--
	2024-10-08	09:00:00	63.5	--	--
	2024-10-08	10:00:00	62.9	--	--
	2024-10-08	11:00:00	66.2	--	--
	2024-10-08	12:00:00	62.5	--	--
	2024-10-08	13:00:00	59.9	--	--
	2024-10-08	14:00:00	64.0	--	--
	2024-10-08	15:00:00	64.5	--	--
	2024-10-08	16:00:00	63.1	--	--
	2024-10-08	17:00:00	65.1	--	--
	2024-10-08	18:00:00	55.9	63.4	--
	2024-10-09	09:00:00	65.1	--	--
	2024-10-09	10:00:00	66.4	--	--
	2024-10-09	11:00:00	64.8	--	--
	2024-10-09	12:00:00	60.7	--	--
	2024-10-09	13:00:00	57.5	--	--
	2024-10-09	14:00:00	63.0	--	--
	2024-10-09	15:00:00	64.9	--	--
	2024-10-09	16:00:00	62.2	--	--
	2024-10-09	17:00:00	61.3	--	--
	2024-10-09	18:00:00	55.5	63.2	--
	2024-10-10	09:00:00	66.6	--	--
	2024-10-10	10:00:00	65.7	--	--
	2024-10-10	11:00:00	63.4	--	--
	2024-10-10	12:00:00	63.2	--	--
	2024-10-10	13:00:00	59.6	--	--
	2024-10-10	14:00:00	63.6	--	--
	2024-10-10	15:00:00	61.1	--	--
	2024-10-10	16:00:00	62.1	--	--
	2024-10-10	17:00:00	63.0	--	--
	2024-10-10	18:00:00	58.2	63.3	--
	2024-10-11	09:00:00	63.2	--	--
	2024-10-11	10:00:00	62.9	--	--
	2024-10-11	11:00:00	63.6	--	--
	2024-10-11	12:00:00	63.7	--	--
	2024-10-11	13:00:00	64.0	--	--
	2024-10-11	14:00:00	64.6	--	--
	2024-10-11	15:00:00	65.0	--	--
	2024-10-11	16:00:00	65.4	--	--
	2024-10-11	17:00:00	64.4	--	--
	2024-10-11	18:00:00	53.7	63.7	--
	2024-10-12	09:00:00	44.9	--	--
	2024-10-12	10:00:00	48.2	--	--
	2024-10-12	11:00:00	45.6	--	--
	2024-10-12	12:00:00	44.5	--	--
	2024-10-12	13:00:00	46.1	--	46.1

**Location 2 (meter ref. VFHMP-7XSY7) – Time History Data**



- Daily noise trigger level (75 dB LAeq,0800-1800 hours, LAeq,0800-1300 hours)
- - - Hourly noise action level (78 dB LAeq, 1 hour)
- Noise level, LAeq, 1hour
- Daily noise level (dB LAeq,0800-1800 hours, LAeq,0800-1300 hours)
- Data unavailable

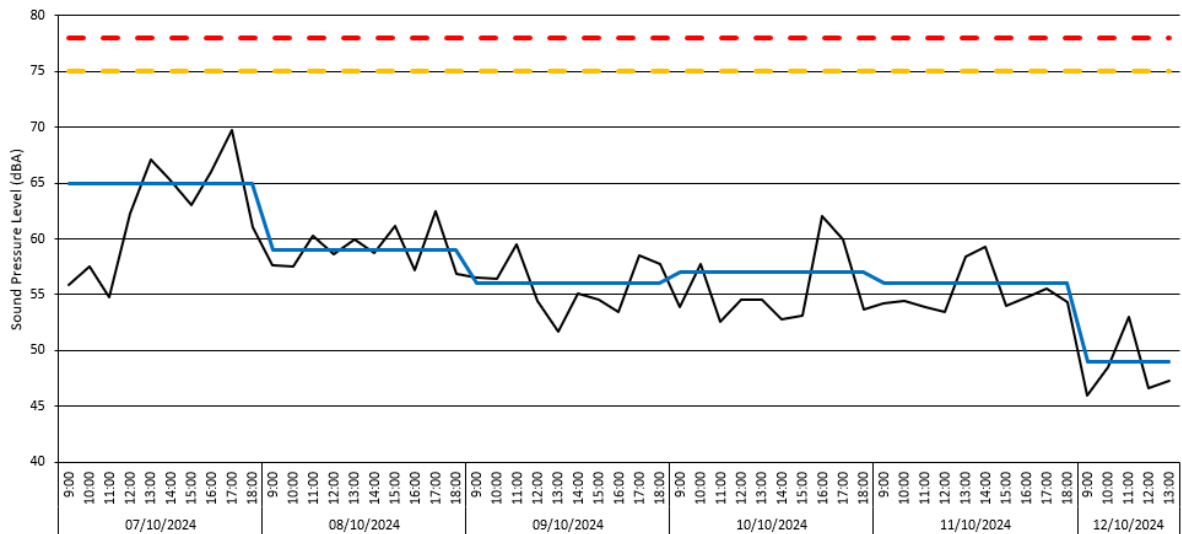
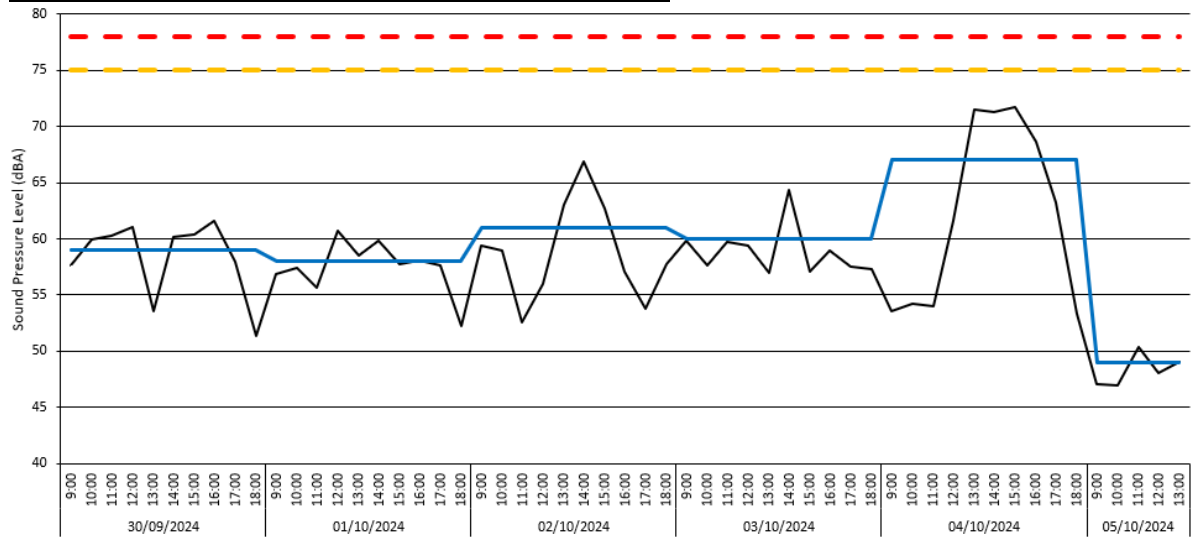
3.10 There was 100% data coverage at Location 2 during construction hours for the monitoring period covered by this report. No exceedances of the project hourly noise action level of 78 dB LAeq,1hr nor the daily project noise trigger level of 75 dB LAeq,T were recorded at this location during the monitoring period covered by this report.



Location 3 (meter ref. P5DLY-N3J7A) – Raw Data

# Broadband Results	Date	Time	LAeq(60min)	LAeq(10hr)	LAeq(5hr)
	[YYYY-MM-DD]	[hh:mm:ss]	[dB]	[dB]	[dB]
	2024-09-30	09:00:00	57.6	--	--
	2024-09-30	10:00:00	59.9	--	--
	2024-09-30	11:00:00	60.3	--	--
	2024-09-30	12:00:00	61.0	--	--
	2024-09-30	13:00:00	53.6	--	--
	2024-09-30	14:00:00	60.2	--	--
	2024-09-30	15:00:00	60.4	--	--
	2024-09-30	16:00:00	61.6	--	--
	2024-09-30	17:00:00	58.0	--	--
	2024-09-30	18:00:00	51.4	59.3	--
	2024-10-01	09:00:00	56.9	--	--
	2024-10-01	10:00:00	57.4	--	--
	2024-10-01	11:00:00	55.7	--	--
	2024-10-01	12:00:00	60.7	--	--
	2024-10-01	13:00:00	58.5	--	--
	2024-10-01	14:00:00	59.8	--	--
	2024-10-01	15:00:00	57.7	--	--
	2024-10-01	16:00:00	58.1	--	--
	2024-10-01	17:00:00	57.6	--	--
	2024-10-01	18:00:00	52.2	58.0	--
	2024-10-02	09:00:00	59.4	--	--
	2024-10-02	10:00:00	58.9	--	--
	2024-10-02	11:00:00	52.6	--	--
	2024-10-02	12:00:00	56.0	--	--
	2024-10-02	13:00:00	63.0	--	--
	2024-10-02	14:00:00	66.9	--	--
	2024-10-02	15:00:00	62.7	--	--
	2024-10-02	16:00:00	57.1	--	--
	2024-10-02	17:00:00	53.8	--	--
	2024-10-02	18:00:00	57.7	60.9	--
	2024-10-03	09:00:00	59.8	--	--
	2024-10-03	10:00:00	57.6	--	--
	2024-10-03	11:00:00	59.7	--	--
	2024-10-03	12:00:00	59.4	--	--
	2024-10-03	13:00:00	57.0	--	--
	2024-10-03	14:00:00	64.4	--	--
	2024-10-03	15:00:00	57.1	--	--
	2024-10-03	16:00:00	59.0	--	--
	2024-10-03	17:00:00	57.5	--	--
	2024-10-03	18:00:00	57.3	59.5	--
	2024-10-04	09:00:00	53.6	--	--
	2024-10-04	10:00:00	54.2	--	--
	2024-10-04	11:00:00	54.0	--	--
	2024-10-04	12:00:00	61.6	--	--
	2024-10-04	13:00:00	71.5	--	--
	2024-10-04	14:00:00	71.3	--	--
	2024-10-04	15:00:00	71.7	--	--
	2024-10-04	16:00:00	68.7	--	--
	2024-10-04	17:00:00	63.3	--	--
	2024-10-04	18:00:00	53.3	67.3	--
	2024-10-05	09:00:00	47.1	--	--
	2024-10-05	10:00:00	46.9	--	--
	2024-10-05	11:00:00	50.4	--	--
	2024-10-05	12:00:00	48.1	--	--
	2024-10-05	13:00:00	49.0	--	48.5
	2024-10-06	09:00:00	--	48.2	--
	2024-10-07	09:00:00	55.9	--	--
	2024-10-07	10:00:00	57.5	--	--
	2024-10-07	11:00:00	54.8	--	--
	2024-10-07	12:00:00	62.3	--	--
	2024-10-07	13:00:00	67.1	--	--
	2024-10-07	14:00:00	65.2	--	--
	2024-10-07	15:00:00	63.0	--	--
	2024-10-07	16:00:00	66.0	--	--
	2024-10-07	17:00:00	69.7	--	--
	2024-10-07	18:00:00	61.1	64.5	--
	2024-10-08	09:00:00	57.6	--	--
	2024-10-08	10:00:00	57.5	--	--
	2024-10-08	11:00:00	60.3	--	--
	2024-10-08	12:00:00	58.6	--	--
	2024-10-08	13:00:00	60.0	--	--
	2024-10-08	14:00:00	58.7	--	--
	2024-10-08	15:00:00	61.2	--	--
	2024-10-08	16:00:00	57.2	--	--
	2024-10-08	17:00:00	62.5	--	--
	2024-10-08	18:00:00	56.9	59.4	--
	2024-10-09	09:00:00	56.5	--	--
	2024-10-09	10:00:00	56.4	--	--
	2024-10-09	11:00:00	59.5	--	--
	2024-10-09	12:00:00	54.4	--	--
	2024-10-09	13:00:00	51.7	--	--
	2024-10-09	14:00:00	55.1	--	--
	2024-10-09	15:00:00	54.5	--	--
	2024-10-09	16:00:00	53.5	--	--
	2024-10-09	17:00:00	58.5	--	--
	2024-10-09	18:00:00	57.7	56.4	--
	2024-10-10	09:00:00	53.9	--	--
	2024-10-10	10:00:00	57.7	--	--
	2024-10-10	11:00:00	52.6	--	--
	2024-10-10	12:00:00	54.5	--	--
	2024-10-10	13:00:00	54.6	--	--
	2024-10-10	14:00:00	52.8	--	--
	2024-10-10	15:00:00	53.1	--	--
	2024-10-10	16:00:00	62.0	--	--
	2024-10-10	17:00:00	60.0	--	--
	2024-10-10	18:00:00	53.7	56.8	--
	2024-10-11	09:00:00	54.2	--	--
	2024-10-11	10:00:00	54.4	--	--
	2024-10-11	11:00:00	53.9	--	--
	2024-10-11	12:00:00	53.4	--	--
	2024-10-11	13:00:00	58.4	--	--
	2024-10-11	14:00:00	59.3	--	--
	2024-10-11	15:00:00	54.0	--	--
	2024-10-11	16:00:00	54.8	--	--
	2024-10-11	17:00:00	55.5	--	--
	2024-10-11	18:00:00	54.3	55.7	--
	2024-10-12	09:00:00	46.0	--	--
	2024-10-12	10:00:00	48.5	--	--
	2024-10-12	11:00:00	53.0	--	--
	2024-10-12	12:00:00	46.6	--	--
	2024-10-12	13:00:00	47.3	--	49.2

Location 3 (meter ref. P5DLY-N3J7A) – Time-history graph



- Daily noise trigger level (75 dB LAeq,0800-1800 hours, LAeq,0800-1300 hours)
- - - Hourly noise action level (78 dB LAeq, 1 hour)
- Noise level, LAeq, 1hour
- Daily noise level (dB LAeq,0800-1800 hours, LAeq,0800-1300 hours)
- Data unavailable

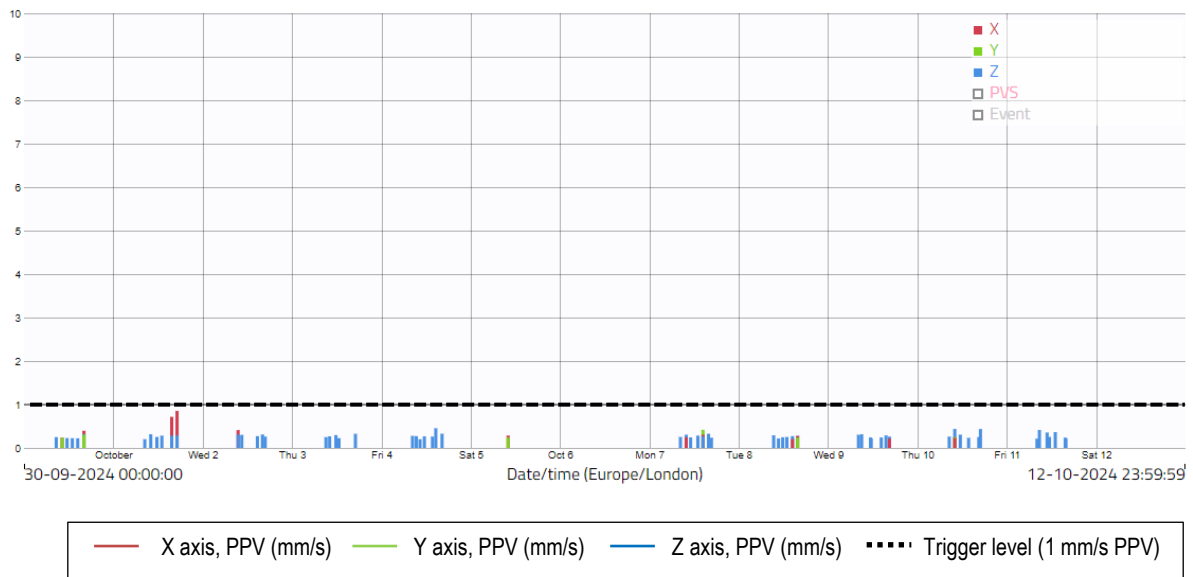
- 3.11 There was 100% data coverage at Location 3 during construction hours for the monitoring period covered by this report.
- 3.12 No exceedances of the daily project noise limit of 75 dB LAeq,T were recorded at this location during the monitoring period covered by this report. No exceedances of the project hourly noise criteria of 78 dB LAeq,1hr were recorded at this location during the monitoring period.

### Vibration Monitoring Results

#### Location 1 (meter ref. PIJIVI) – Raw data

Measuring point:	Period:	Order	Value	Date	Time
Holloway - L1	30/09/2024 to 12/10/2024	1	0.85	01/10/2024	17:05
		2	0.72	01/10/2024	15:40
Criteria mm/s PPV	Exceedances	3	0.45	04/10/2024	14:35
1.0	0	4	0.44	10/10/2024	09:55
		5	0.44	10/10/2024	16:47
		6	0.42	07/10/2024	13:59
		7	0.41	11/10/2024	08:43
		8	0.41	02/10/2024	08:59
		9	0.40	10/10/2024	09:48
		10	0.40	30/09/2024	16:01

#### Location 1 (meter ref. PIJIVI) – Time-history graph

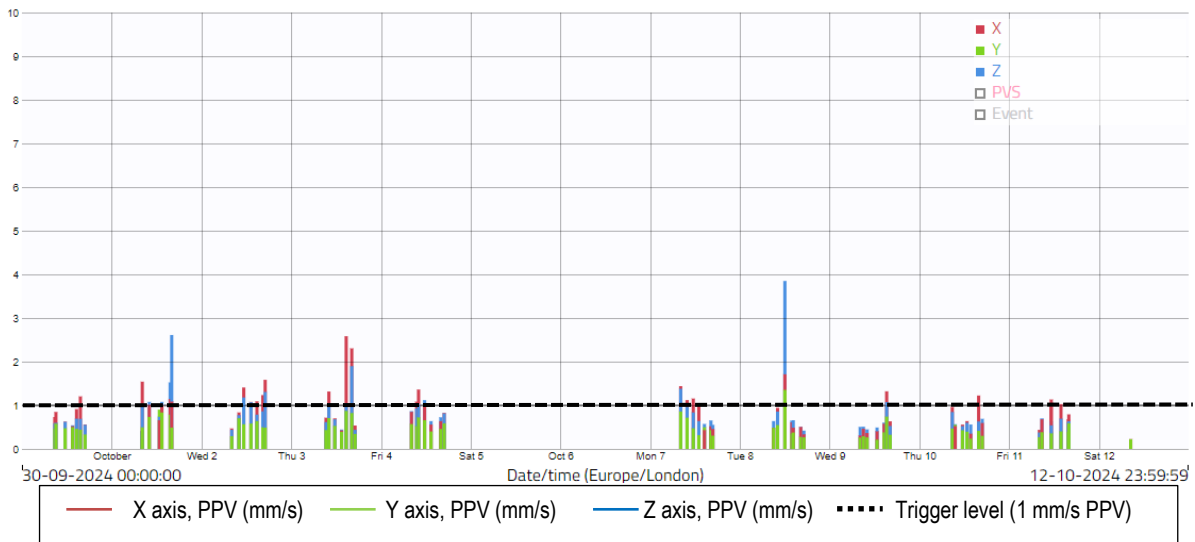


- 3.13 There was 100% data coverage at Location 1 during construction hours for the monitoring period covered by this report. There were no exceedances of the project vibration trigger level of 1 mm/s PPV as shown in the raw data and graph above. The highest recorded vibration level occurred on Tuesday 1<sup>st</sup> October at 17:05, with a recorded level of 0.85 mm/s PPV. This will continue to be monitored.
- 3.14 In this location, it is likely that the residents opening and closing the main door to the residential building will cause occasional vibration spikes, given that the monitor is located on the same facade as the doors.

Location 2 (meter ref. LEQUMO) – Raw data

Measuring point:	Period:	Order	Value	Date	Time	Order	Value	Date	Time	Order	Value	Date	Time
Holloway - L2	30/09/2024 to 12/10/2024	1	3.85	08/10/2024	12:01	31	1.13	07/10/2024	08:18	61	1.01	07/10/2024	12:59
		2	3.13	08/10/2024	12:02	32	1.13	01/10/2024	15:24	62	1.01	04/10/2024	11:47
Criteria mm/s PPV Exceedances		3	2.61	01/10/2024	16:02	33	1.12	07/10/2024	09:05	63	1.00	01/10/2024	13:24
1.0	63	4	2.58	03/10/2024	14:42	34	1.12	04/10/2024	11:40	64	1.00	30/09/2024	15:31
		5	2.30	03/10/2024	16:10	35	1.11	07/10/2024	08:40	65	0.99	01/10/2024	15:12
		6	1.71	08/10/2024	11:41	36	1.10	02/10/2024	11:07	66	0.99	01/10/2024	14:27
		7	1.58	02/10/2024	17:02	37	1.10	01/10/2024	08:19	67	0.99	04/10/2024	11:46
		8	1.54	01/10/2024	08:10	38	1.09	03/10/2024	10:00	68	0.98	02/10/2024	15:44
		9	1.52	01/10/2024	15:37	39	1.09	01/10/2024	15:04	69	0.97	01/10/2024	13:19
		10	1.44	07/10/2024	08:09	40	1.09	01/10/2024	15:13	70	0.97	02/10/2024	11:14
		11	1.43	01/10/2024	15:36	41	1.09	02/10/2024	14:50	71	0.97	07/10/2024	09:52
		12	1.41	02/10/2024	11:18	42	1.08	01/10/2024	16:58	72	0.96	04/10/2024	11:26
		13	1.38	07/10/2024	08:21	43	1.08	04/10/2024	09:50	73	0.96	10/10/2024	08:47
		14	1.37	03/10/2024	16:55	44	1.08	01/10/2024	13:12	74	0.95	03/10/2024	16:18
		15	1.36	04/10/2024	10:03	45	1.08	02/10/2024	10:22	75	0.94	08/10/2024	10:04
		16	1.32	09/10/2024	15:13	46	1.08	01/10/2024	10:02	76	0.94	03/10/2024	09:25
		17	1.32	03/10/2024	10:04	47	1.08	02/10/2024	13:14	77	0.94	01/10/2024	17:02
		18	1.31	03/10/2024	16:50	48	1.07	07/10/2024	09:08	78	0.93	02/10/2024	14:12
		19	1.23	02/10/2024	16:24	49	1.07	02/10/2024	14:09	79	0.93	11/10/2024	11:21
		20	1.23	07/10/2024	08:19	50	1.06	02/10/2024	16:31	80	0.93	01/10/2024	15:49
		21	1.22	10/10/2024	15:50	51	1.05	11/10/2024	11:13	81	0.93	07/10/2024	09:02
		22	1.22	01/10/2024	15:48	52	1.05	10/10/2024	15:48	82	0.93	04/10/2024	09:35
		23	1.21	01/10/2024	16:11	53	1.04	10/10/2024	16:31	83	0.92	04/10/2024	11:45
		24	1.20	30/09/2024	15:37	54	1.04	01/10/2024	15:18	84	0.92	03/10/2024	09:59
		25	1.15	07/10/2024	11:31	55	1.03	04/10/2024	11:28	85	0.91	03/10/2024	09:49
		26	1.15	03/10/2024	10:01	56	1.03	11/10/2024	13:51	86	0.91	30/09/2024	14:18
		27	1.14	01/10/2024	15:34	57	1.03	04/10/2024	10:07	87	0.91	03/10/2024	09:58
		28	1.14	08/10/2024	11:58	58	1.02	04/10/2024	09:33	88	0.91	01/10/2024	10:00
		29	1.14	02/10/2024	16:25	59	1.02	07/10/2024	08:20	89	0.91	07/10/2024	09:54
		30	1.13	11/10/2024	11:15	60	1.02	03/10/2024	16:46	90	0.90	01/10/2024	16:54

Location 2 (meter ref. LEQUMO) – Time-history graph



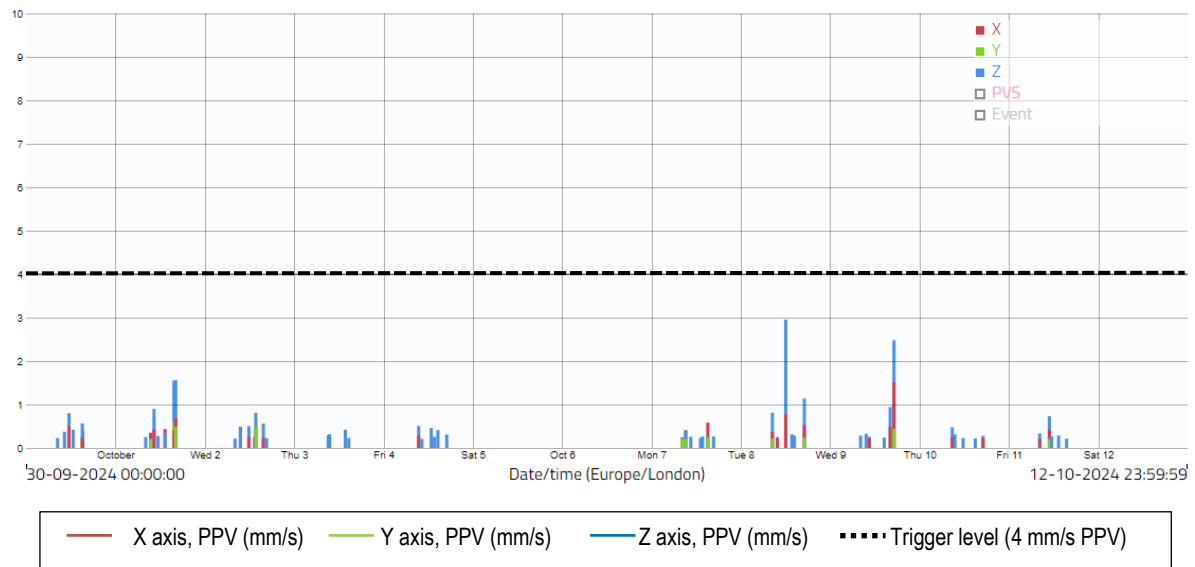
3.15 There was 100% data coverage at Location 2 during construction hours for the monitoring period covered by this report. There were 63 exceedances of the project vibration trigger level of 1 mm/s PPV as shown in the raw data and graph above. The highest recorded vibration level occurred on Tuesday 8<sup>th</sup> October at 12:01, with a recorded level of 3.85 mm/s PPV. This will continue to be monitored.

- 3.16 Based on the activity taking place in the vicinity of the monitor during this monitoring period, it is likely that the remaining alerts may have been caused by the drainage installation within the vicinity of Block E. Additionally, movement of site vehicles within the vicinity of this monitor may have also contributed to the number of exceedances. It is understood that no complaints have been received in relation to vibration at this location – this will continue to be monitored.
- 3.17 In addition, it is our understanding that one of the residents behind the monitoring location has some form of workshop with power tools at the rear of their garden. Any operation of these tools could also generate vibration alerts.

Location 3 (meter ref. RIYORU) – Raw data

Measuring point:	Period:	Order	Value	Date	Time
Holloway - L3	30/09/2024 to 12/10/2024	1	2.95	08/10/2024	12:02
		2	2.48	09/10/2024	17:07
Criteria mm/s PPV Exceedances	4.0	3	1.56	01/10/2024	16:09
		4	1.55	01/10/2024	15:42
		5	1.43	01/10/2024	15:52
		6	1.38	01/10/2024	15:49
		7	1.25	01/10/2024	16:13
		8	1.14	08/10/2024	17:02
		9	1.10	01/10/2024	16:56
		10	1.09	08/10/2024	12:00

Location 3 (meter ref. RIYORU) – Time-history graph

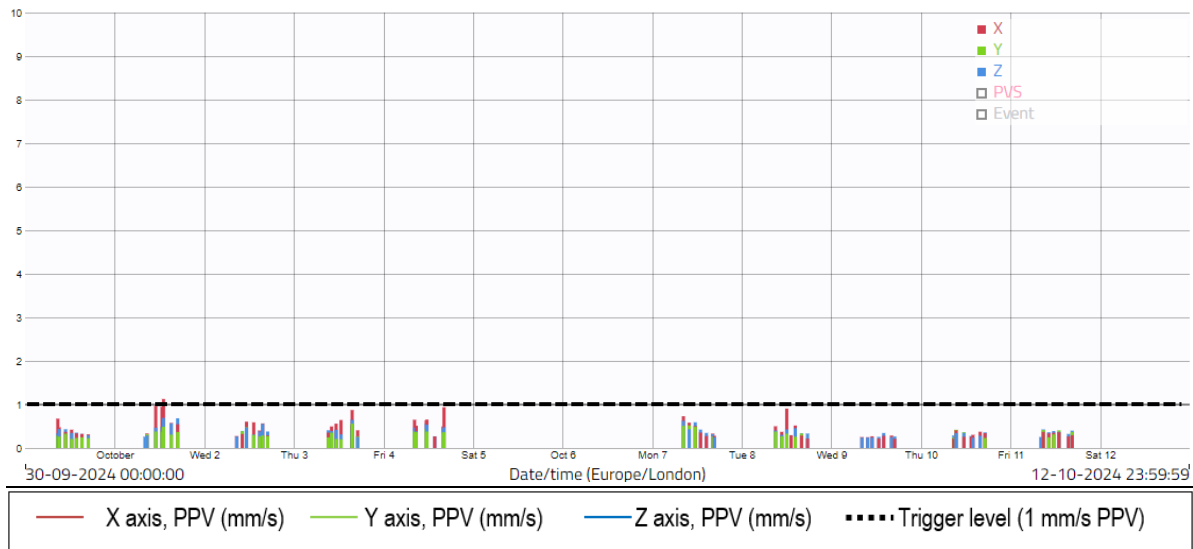


3.18 There was 100% data coverage at Location 3 during construction hours for the monitoring period covered by this report. There were no exceedances of the project vibration trigger level of 4.0 mm/s PPV, as shown in the raw data and graph above. The highest recorded vibration level occurred on Tuesday 8<sup>th</sup> October at 12:02, with a recorded level of 2.95 mm/s PPV.

Location 4 (meter ref. TEJELU) – Raw data

Measuring point:	Period:	Order	Value	Date	Time
Holloway - L4	30/09/2024 to 12/10/2024	1	1.13	01/10/2024	13:04
		2	0.97	01/10/2024	10:59
Criteria mm/s PPV Exceedances		3	0.95	01/10/2024	12:39
1.0	1	4	0.94	04/10/2024	16:13
		5	0.91	08/10/2024	12:02
		6	0.89	01/10/2024	13:12
		7	0.87	01/10/2024	11:00
		8	0.87	01/10/2024	13:11
		9	0.87	03/10/2024	15:31
		10	0.81	01/10/2024	12:44

Location 4 (meter ref. TEJELU) – Time-history graph



3.19 There was 100% data coverage at Location 4 during construction hours for the monitoring period covered by this report. There was one exceedance of the project vibration trigger level of 1.0 mm/s PPV, which is shown in the raw data and graph above. This occurred on Tuesday 1<sup>st</sup> October at 13:04, with a recorded level of 1.13 mm/s PPV. As this was a standalone exceedance, marginally above the vibration trigger level, it is likely this was not caused by continuous construction activity. This will continue to be monitored.