

Holloway Park, London

Construction Monitoring Report

Client: London Square
Ref: CM90-22405-R0
Date: 24 September 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 2nd & Saturday 14th September 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. WEEKLY 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

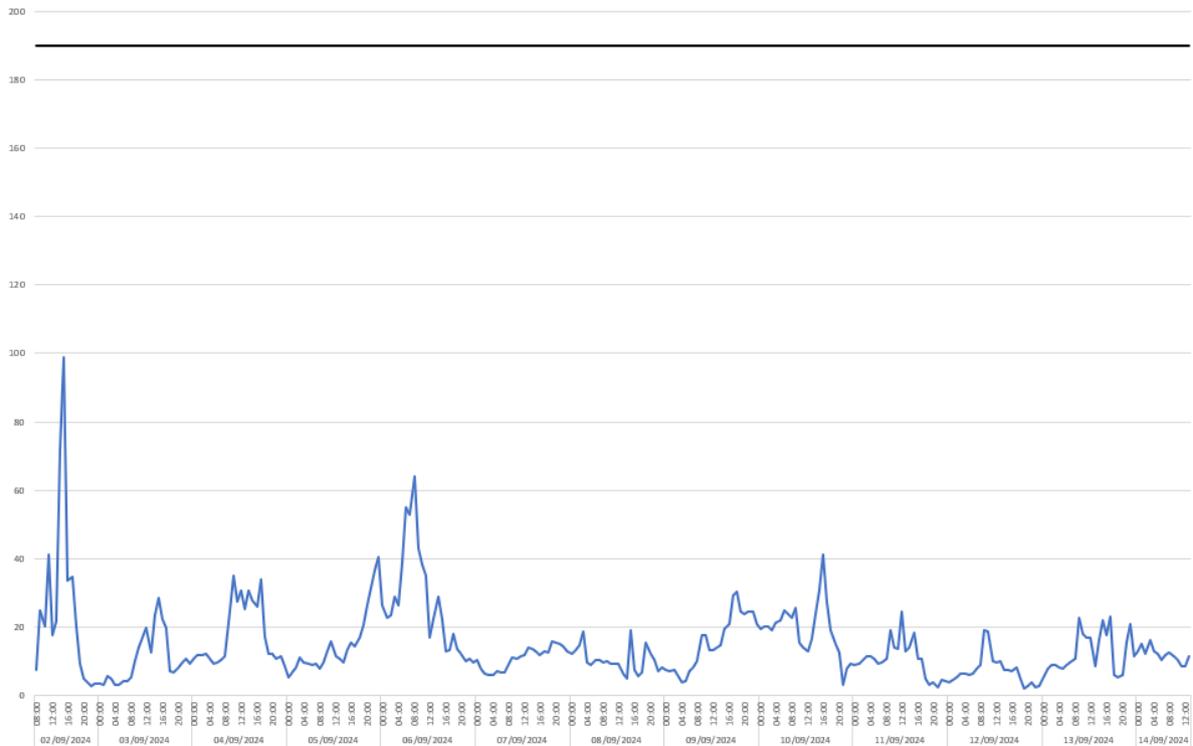
- Installation of drainage and road formation adjacent to Block D3 & E1.
- Excavation of pilecaps in Blocks C & D
- Mobile plant used around the site where required
- Work continuing on beams/ pilecaps on the lower ground level at Block D1
- Construction of upper ground floor slab at Blocks C1 & D2
- Installing vertical elements including retaining walls – Blocks C2, D2 & D3

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)

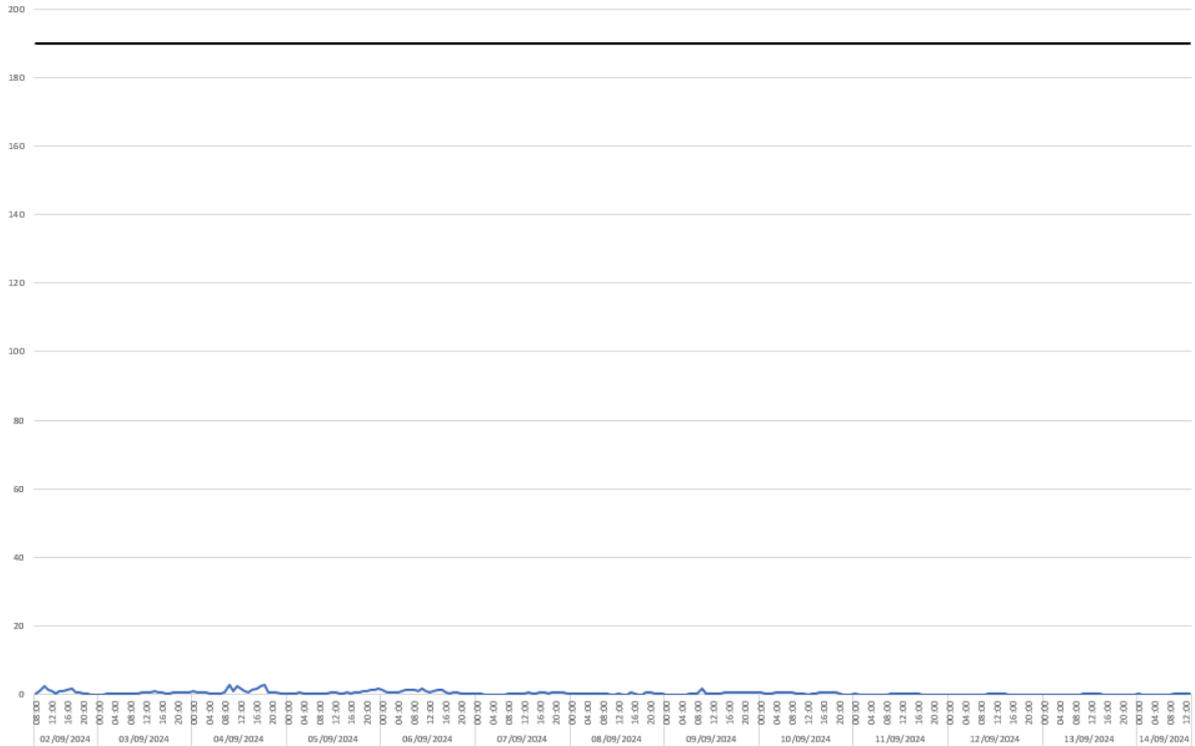


- Dust trigger level, 190 $\mu\text{g m}^{-3}$ 60-minute mean for PM10 concentrations
- Dust level, $\mu\text{g m}^{-3}$ 60-minute mean for PM10 concentrations
- Data unavailable

3.2 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.

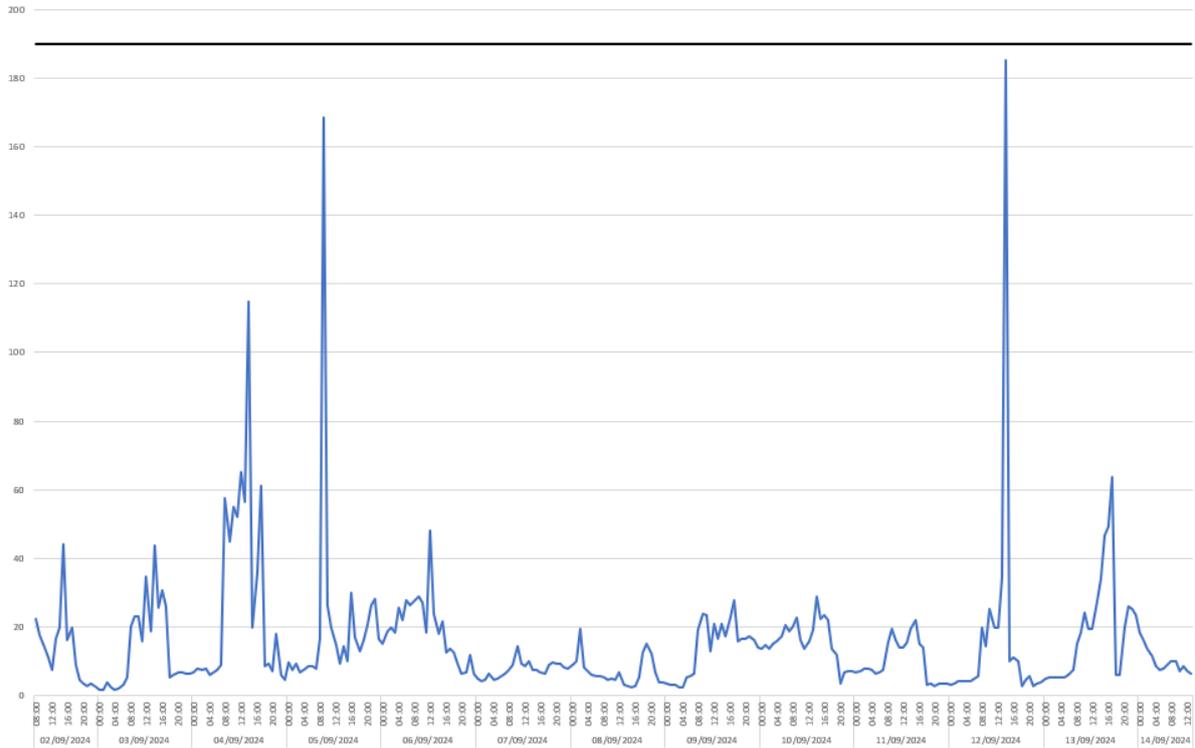
Location 2 (meter ref. TNO4778)



- 3.4 There was 100% data coverage at Location 2 during construction hours for the monitoring period covered by this report.

- 3.5 No exceedances of the project dust trigger level of 190 micrograms per cubic meter were recorded during the monitoring period covered by this report. However, due to the unusually low levels recorded, it is suspected that there may be a potential fault with the instrument. Therefore, Cass Allen are planning to attend site during the week commencing 23rd September to investigate further and, if necessary, deploy a temporary replacement monitor. An update will be provided in the next fortnightly report.

Location 3 (meter ref. TNO4729)



- 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

- 3.6 There was 100% data coverage at Location 3 during construction hours for the monitoring period covered by this report.
- 3.7 No exceedances of the project dust trigger level of 190 micrograms per cubic meter were recorded during the monitoring period covered by this report.

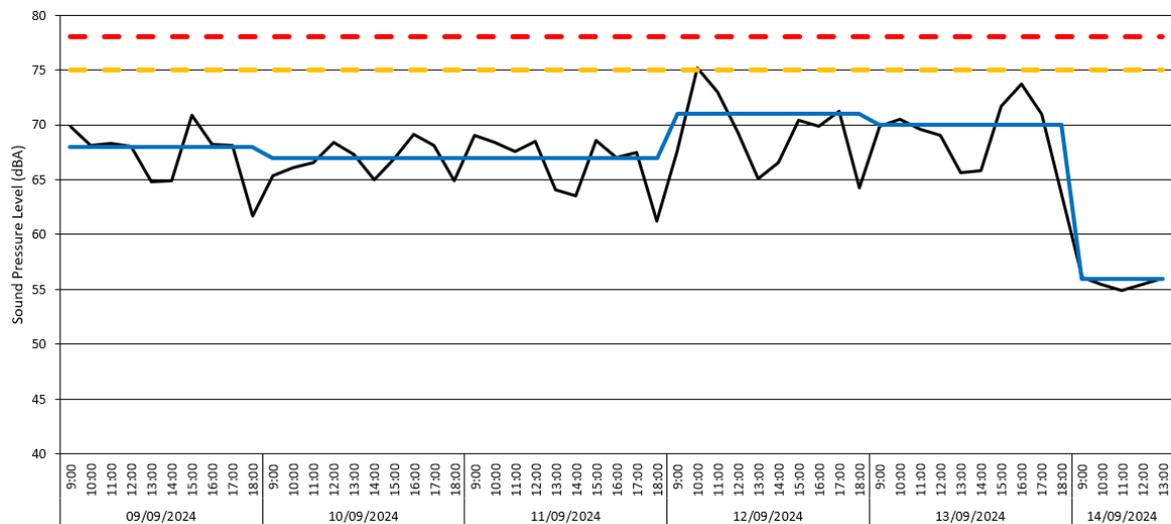
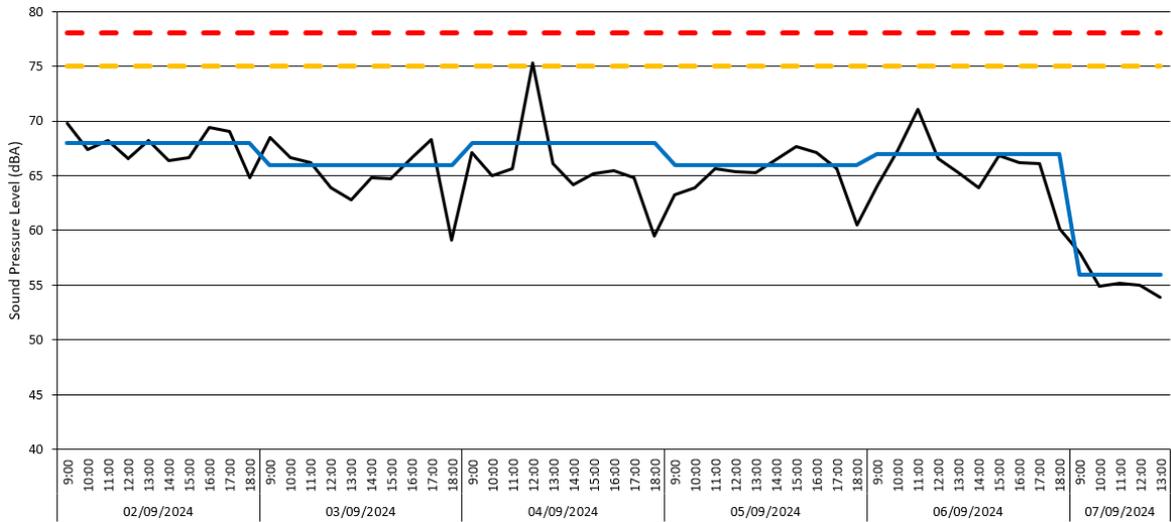


Noise Monitoring Results

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

# Broadband Results					
Date	Time	L _{Aeq} (dBSin)	L _{Aeq} (7hr)	L _{Aeq} (10hr)	L _{Aeq} (2hr)
[YYYY-MM-DD]	[hh:mm:ss]	[dB]	[dB]	[dB]	[dB]
2024-09-02	09:00:00	69.8	--	--	--
2024-09-02	10:00:00	67.4	--	--	--
2024-09-02	11:00:00	68.2	--	--	--
2024-09-02	12:00:00	66.6	--	--	--
2024-09-02	13:00:00	68.2	--	--	--
2024-09-02	14:00:00	66.4	--	--	--
2024-09-02	15:00:00	66.7	--	--	--
2024-09-02	16:00:00	69.4	--	--	--
2024-09-02	17:00:00	69.8	--	--	--
2024-09-02	18:00:00	64.8	--	67.9	--
2024-09-03	09:00:00	68.5	--	--	--
2024-09-03	10:00:00	66.7	--	--	--
2024-09-03	11:00:00	66.2	--	--	--
2024-09-03	12:00:00	63.9	--	--	--
2024-09-03	13:00:00	62.8	--	--	--
2024-09-03	14:00:00	64.8	--	--	--
2024-09-03	15:00:00	64.7	--	--	--
2024-09-03	16:00:00	66.6	--	--	--
2024-09-03	17:00:00	68.3	--	--	--
2024-09-03	18:00:00	59.1	--	65.9	--
2024-09-04	09:00:00	67.1	--	--	--
2024-09-04	10:00:00	65.8	--	--	--
2024-09-04	11:00:00	65.6	--	--	--
2024-09-04	12:00:00	76.3	--	--	--
2024-09-04	13:00:00	66.1	--	--	--
2024-09-04	14:00:00	64.2	--	--	--
2024-09-04	15:00:00	65.2	--	--	--
2024-09-04	16:00:00	65.5	--	--	--
2024-09-04	17:00:00	64.8	--	--	--
2024-09-04	18:00:00	59.5	--	68.8	--
2024-09-05	09:00:00	63.3	--	--	--
2024-09-05	10:00:00	63.9	--	--	--
2024-09-05	11:00:00	65.6	--	--	--
2024-09-05	12:00:00	65.4	--	--	--
2024-09-05	13:00:00	65.3	--	--	--
2024-09-05	14:00:00	66.5	--	--	--
2024-09-05	15:00:00	67.7	--	--	--
2024-09-05	16:00:00	67.1	--	--	--
2024-09-05	17:00:00	65.6	--	--	--
2024-09-05	18:00:00	68.5	--	65.5	--
2024-09-06	09:00:00	64.1	--	--	--
2024-09-06	10:00:00	67.3	--	--	--
2024-09-06	11:00:00	71.1	--	--	--
2024-09-06	12:00:00	66.6	--	--	--
2024-09-06	13:00:00	65.3	--	--	--
2024-09-06	14:00:00	63.9	--	--	--
2024-09-06	15:00:00	66.8	--	--	--
2024-09-06	16:00:00	66.2	--	--	--
2024-09-06	17:00:00	66.1	--	--	66.6
2024-09-06	18:00:00	68.1	--	--	--
2024-09-07	09:00:00	57.9	--	--	--
2024-09-07	10:00:00	54.9	--	--	--
2024-09-07	11:00:00	55.2	--	--	--
2024-09-07	12:00:00	55.8	--	--	--
2024-09-07	13:00:00	53.9	--	--	55.6
2024-09-08	09:00:00	--	--	56.9	--
2024-09-08	10:00:00	68.1	--	--	--
2024-09-08	11:00:00	68.3	--	--	--
2024-09-08	12:00:00	68.8	--	--	--
2024-09-08	13:00:00	66.8	--	--	--
2024-09-08	14:00:00	66.9	--	--	--
2024-09-08	15:00:00	70.9	--	--	--
2024-09-08	16:00:00	68.2	--	--	--
2024-09-08	17:00:00	68.1	--	--	--
2024-09-08	18:00:00	68.8	--	61.7	--
2024-09-10	09:00:00	65.4	--	--	--
2024-09-10	10:00:00	66.1	--	--	--
2024-09-10	11:00:00	66.6	--	--	--
2024-09-10	12:00:00	68.4	--	--	--
2024-09-10	13:00:00	67.3	--	--	--
2024-09-10	14:00:00	65.8	--	--	--
2024-09-10	15:00:00	66.8	--	--	--
2024-09-10	16:00:00	69.1	--	--	--
2024-09-10	17:00:00	68.1	--	--	--
2024-09-10	18:00:00	64.9	--	67.8	--
2024-09-11	09:00:00	69.8	--	--	--
2024-09-11	10:00:00	68.4	--	--	--
2024-09-11	11:00:00	67.6	--	--	--
2024-09-11	12:00:00	68.5	--	--	--
2024-09-11	13:00:00	64.1	--	--	--
2024-09-11	14:00:00	63.5	--	--	--
2024-09-11	15:00:00	68.6	--	--	--
2024-09-11	16:00:00	67.8	--	--	--
2024-09-11	17:00:00	67.5	--	--	--
2024-09-11	18:00:00	61.2	--	67.1	--
2024-09-12	09:00:00	67.6	--	--	--
2024-09-12	10:00:00	75.2	--	--	--
2024-09-12	11:00:00	73.8	--	--	--
2024-09-12	12:00:00	69.3	--	--	--
2024-09-12	13:00:00	65.1	--	--	--
2024-09-12	14:00:00	66.6	--	--	--
2024-09-12	15:00:00	70.4	--	--	--
2024-09-12	16:00:00	69.9	--	--	--
2024-09-12	17:00:00	71.2	--	--	--
2024-09-12	18:00:00	64.3	--	70.5	--
2024-09-13	09:00:00	69.9	--	--	--
2024-09-13	10:00:00	70.5	--	--	--
2024-09-13	11:00:00	69.6	--	--	--
2024-09-13	12:00:00	69.8	--	--	--
2024-09-13	13:00:00	65.6	--	--	--
2024-09-13	14:00:00	65.8	--	--	--
2024-09-13	15:00:00	71.7	--	--	--
2024-09-13	16:00:00	73.7	--	--	--
2024-09-13	17:00:00	71.8	--	--	--
2024-09-13	18:00:00	63.5	--	69.9	--
2024-09-14	09:00:00	56.1	--	--	--
2024-09-14	10:00:00	55.5	--	--	--
2024-09-14	11:00:00	54.9	--	--	--
2024-09-14	12:00:00	55.5	--	--	--
2024-09-14	13:00:00	56.8	--	--	55.6

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



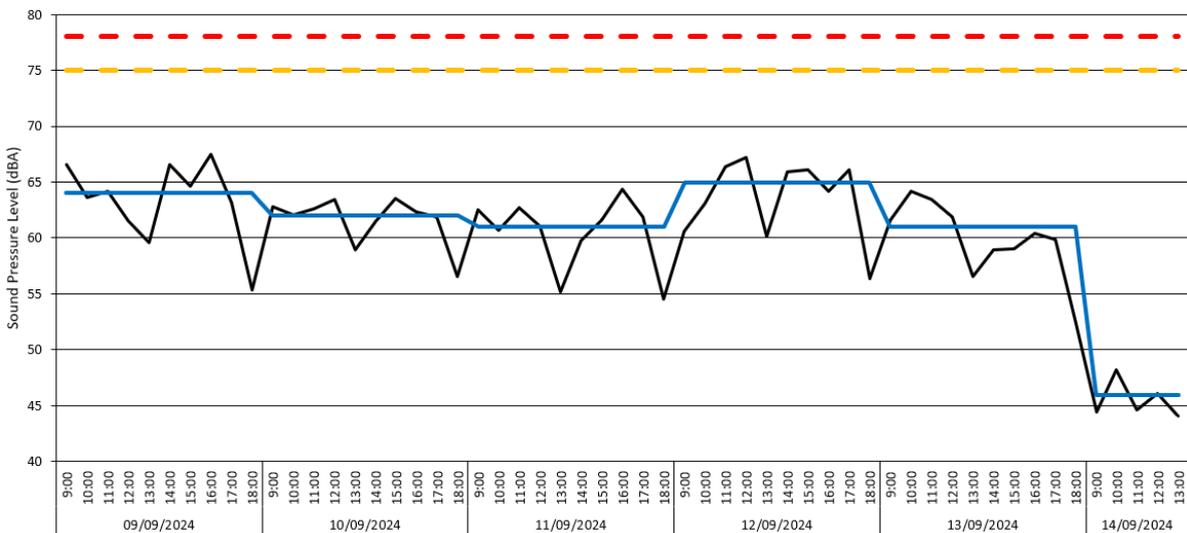
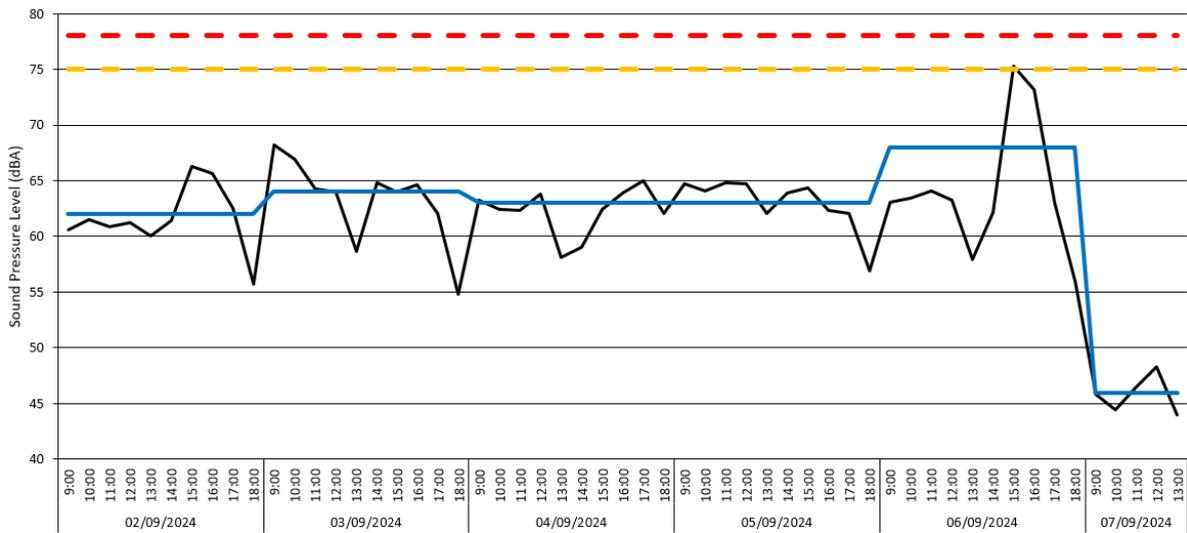
- Daily noise trigger level (75 dB LAeq,0800-1800 hours, LAeq,0800-1300 hours)
- - - Hourly noise action level (78 dB LAeq, 1 hour)
- Noise level, LAeq, 1hour
- Daily noise level (dB LAeq,0800-1800 hours, LAeq,0800-1300 hours)
- Data unavailable

3.8 There was 100% data coverage at Location 1 during construction hours for the monitoring period covered by this report. No exceedances of the project hourly noise criteria of 78 dB LAeq were recorded during the monitoring period covered by this report. No exceedances of the daily project noise limit of 75 dB LAeq (0800-1800 hours) were recorded at this location during the monitoring period covered by this report.

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

# Broadband Results				
Date	Time	L _{Aeq} (d _{min})	L _{Aeq} (d _{hr})	L _{Aeq} (d _{tr})
[YYYY-MM-DD]	[hh:mm:ss]	[dB]	[dB]	[dB]
2024-09-02	09:00:00	60.6	--	--
2024-09-02	10:00:00	61.5	--	--
2024-09-02	11:00:00	60.9	--	--
2024-09-02	12:00:00	61.2	--	--
2024-09-02	13:00:00	60.0	--	--
2024-09-02	14:00:00	61.4	--	--
2024-09-02	15:00:00	60.3	--	--
2024-09-02	16:00:00	65.6	--	--
2024-09-02	17:00:00	62.5	--	--
2024-09-02	18:00:00	55.7	62.4	--
2024-09-03	09:00:00	60.2	--	--
2024-09-03	10:00:00	60.9	--	--
2024-09-03	11:00:00	61.3	--	--
2024-09-03	12:00:00	61.0	--	--
2024-09-03	13:00:00	58.7	--	--
2024-09-03	14:00:00	61.8	--	--
2024-09-03	15:00:00	61.0	--	--
2024-09-03	16:00:00	61.6	--	--
2024-09-03	17:00:00	62.1	--	--
2024-09-03	18:00:00	51.8	61.4	--
2024-09-04	09:00:00	63.3	--	--
2024-09-04	10:00:00	62.4	--	--
2024-09-04	11:00:00	62.3	--	--
2024-09-04	12:00:00	63.8	--	--
2024-09-04	13:00:00	58.1	--	--
2024-09-04	14:00:00	59.0	--	--
2024-09-04	15:00:00	62.4	--	--
2024-09-04	16:00:00	63.9	--	--
2024-09-04	17:00:00	65.0	--	--
2024-09-04	18:00:00	62.1	62.7	--
2024-09-05	09:00:00	61.7	--	--
2024-09-05	10:00:00	61.1	--	--
2024-09-05	11:00:00	61.8	--	--
2024-09-05	12:00:00	61.7	--	--
2024-09-05	13:00:00	62.1	--	--
2024-09-05	14:00:00	63.9	--	--
2024-09-05	15:00:00	61.4	--	--
2024-09-05	16:00:00	62.3	--	--
2024-09-05	17:00:00	62.1	--	--
2024-09-05	18:00:00	56.9	63.4	--
2024-09-06	09:00:00	63.1	--	--
2024-09-06	10:00:00	63.4	--	--
2024-09-06	11:00:00	61.1	--	--
2024-09-06	12:00:00	63.3	--	--
2024-09-06	13:00:00	57.9	--	--
2024-09-06	14:00:00	62.2	--	--
2024-09-06	15:00:00	75.3	--	--
2024-09-06	16:00:00	73.2	--	--
2024-09-06	17:00:00	63.0	--	--
2024-09-06	18:00:00	55.9	68.3	--
2024-09-07	09:00:00	63.8	--	--
2024-09-07	10:00:00	61.4	--	--
2024-09-07	11:00:00	65.5	--	--
2024-09-07	12:00:00	68.3	--	--
2024-09-07	13:00:00	61.0	--	66.1
2024-09-08	10:00:00	--	51.6	--
2024-09-09	09:00:00	66.6	--	--
2024-09-09	10:00:00	63.6	--	--
2024-09-09	11:00:00	61.2	--	--
2024-09-09	12:00:00	61.5	--	--
2024-09-09	13:00:00	59.6	--	--
2024-09-09	14:00:00	66.6	--	--
2024-09-09	15:00:00	61.6	--	--
2024-09-09	16:00:00	67.5	--	--
2024-09-09	17:00:00	63.2	--	--
2024-09-09	18:00:00	55.4	61.4	--
2024-09-10	09:00:00	62.8	--	--
2024-09-10	10:00:00	62.1	--	--
2024-09-10	11:00:00	62.6	--	--
2024-09-10	12:00:00	63.4	--	--
2024-09-10	13:00:00	58.9	--	--
2024-09-10	14:00:00	61.5	--	--
2024-09-10	15:00:00	63.5	--	--
2024-09-10	16:00:00	62.3	--	--
2024-09-10	17:00:00	61.9	--	--
2024-09-10	18:00:00	56.6	61.9	--
2024-09-11	09:00:00	62.5	--	--
2024-09-11	10:00:00	60.7	--	--
2024-09-11	11:00:00	62.7	--	--
2024-09-11	12:00:00	61.1	--	--
2024-09-11	13:00:00	55.2	--	--
2024-09-11	14:00:00	59.8	--	--
2024-09-11	15:00:00	61.6	--	--
2024-09-11	16:00:00	61.4	--	--
2024-09-11	17:00:00	61.9	--	--
2024-09-11	18:00:00	51.5	61.3	--
2024-09-12	09:00:00	60.6	--	--
2024-09-12	10:00:00	63.1	--	--
2024-09-12	11:00:00	66.4	--	--
2024-09-12	12:00:00	67.2	--	--
2024-09-12	13:00:00	60.1	--	--
2024-09-12	14:00:00	65.9	--	--
2024-09-12	15:00:00	66.1	--	--
2024-09-12	16:00:00	61.2	--	--
2024-09-12	17:00:00	66.1	--	--
2024-09-12	18:00:00	56.4	61.6	--
2024-09-13	09:00:00	61.6	--	--
2024-09-13	10:00:00	61.2	--	--
2024-09-13	11:00:00	63.4	--	--
2024-09-13	12:00:00	61.9	--	--
2024-09-13	13:00:00	56.6	--	--
2024-09-13	14:00:00	58.9	--	--
2024-09-13	15:00:00	59.0	--	--
2024-09-13	16:00:00	60.4	--	--
2024-09-13	17:00:00	59.9	--	--
2024-09-13	18:00:00	52.3	60.8	--
2024-09-14	09:00:00	61.4	--	--
2024-09-14	10:00:00	61.2	--	--
2024-09-14	11:00:00	61.6	--	--
2024-09-14	12:00:00	65.1	--	--
2024-09-14	13:00:00	61.1	--	65.8

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

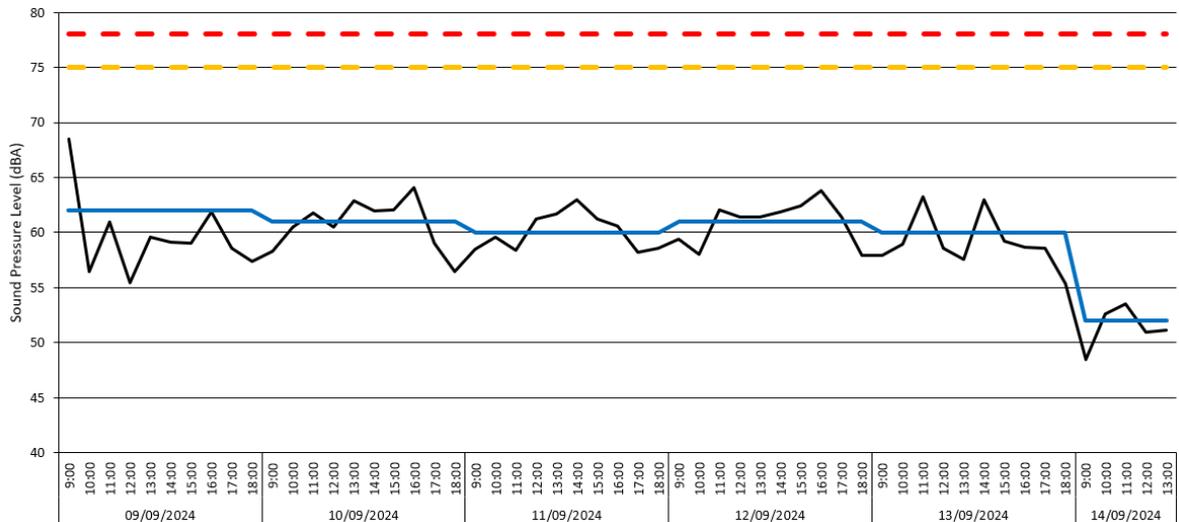
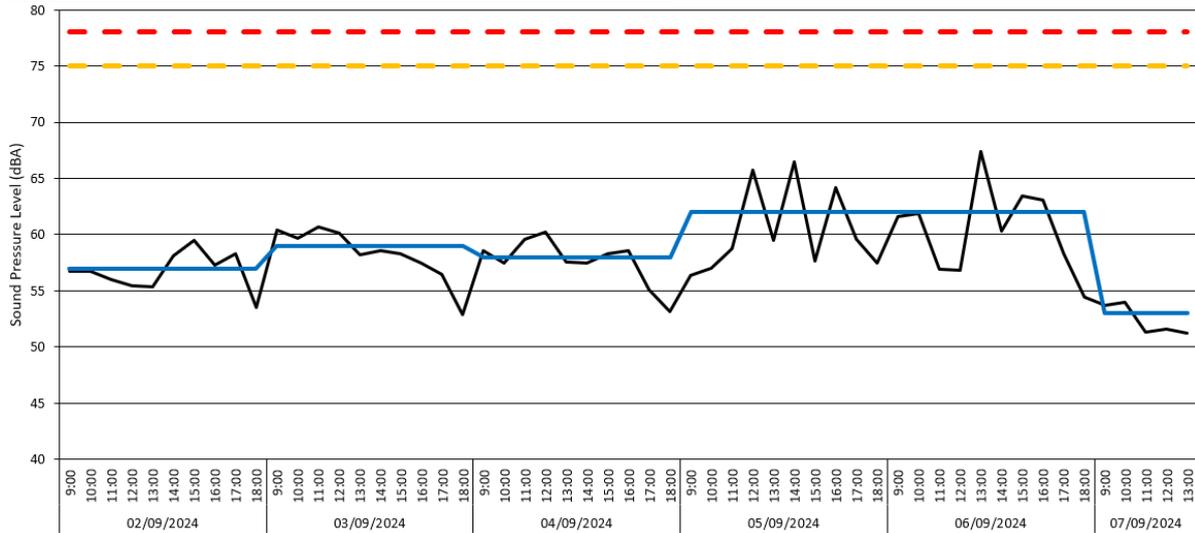
3.9 There was 100% data coverage at Location 2 during construction hours for the monitoring period covered by this report.

3.10 No exceedances of the project hourly noise criteria of 78 dB LAeq nor the daily project noise limit of 75 dB LAeq (0800-1800 hours) 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	L[Aeq](60min)	L[Aeq](10hr)	L[Aeq](5hr)
[YYYY-MM-DD]	[hh:mm:ss]	[dB]	[dB]	[dB]
2026-09-02	09:00:00	56.7	--	--
2026-09-02	10:00:00	56.7	--	--
2026-09-02	11:00:00	56.0	--	--
2026-09-02	12:00:00	55.5	--	--
2026-09-02	13:00:00	55.4	--	--
2026-09-02	14:00:00	58.1	--	--
2026-09-02	15:00:00	59.5	--	--
2026-09-02	16:00:00	57.3	--	--
2026-09-02	17:00:00	58.3	--	--
2026-09-02	18:00:00	53.5	--	57.8
2026-09-03	09:00:00	60.4	--	--
2026-09-03	10:00:00	59.7	--	--
2026-09-03	11:00:00	60.7	--	--
2026-09-03	12:00:00	60.1	--	--
2026-09-03	13:00:00	58.2	--	--
2026-09-03	14:00:00	58.6	--	--
2026-09-03	15:00:00	58.3	--	--
2026-09-03	16:00:00	57.5	--	--
2026-09-03	17:00:00	56.5	--	--
2026-09-03	18:00:00	52.9	58.7	--
2026-09-04	09:00:00	58.6	--	--
2026-09-04	10:00:00	57.5	--	--
2026-09-04	11:00:00	59.6	--	--
2026-09-04	12:00:00	60.2	--	--
2026-09-04	13:00:00	57.6	--	--
2026-09-04	14:00:00	57.5	--	--
2026-09-04	15:00:00	58.3	--	--
2026-09-04	16:00:00	58.6	--	--
2026-09-04	17:00:00	55.1	--	--
2026-09-04	18:00:00	53.2	58.0	--
2026-09-05	09:00:00	56.4	--	--
2026-09-05	10:00:00	57.0	--	--
2026-09-05	11:00:00	58.8	--	--
2026-09-05	12:00:00	65.7	--	--
2026-09-05	13:00:00	59.5	--	--
2026-09-05	14:00:00	66.5	--	--
2026-09-05	15:00:00	57.7	--	--
2026-09-05	16:00:00	64.2	--	--
2026-09-05	17:00:00	59.6	--	--
2026-09-05	18:00:00	57.5	61.9	--
2026-09-06	09:00:00	61.6	--	--
2026-09-06	10:00:00	61.9	--	--
2026-09-06	11:00:00	56.9	--	--
2026-09-06	12:00:00	56.8	--	--
2026-09-06	13:00:00	67.4	--	--
2026-09-06	14:00:00	60.3	--	--
2026-09-06	15:00:00	63.4	--	--
2026-09-06	16:00:00	63.1	--	--
2026-09-06	17:00:00	58.3	--	--
2026-09-06	18:00:00	54.4	62.0	--
2026-09-07	09:00:00	53.7	--	--
2026-09-07	10:00:00	54.0	--	--
2026-09-07	11:00:00	51.3	--	--
2026-09-07	12:00:00	51.6	--	--
2026-09-07	13:00:00	51.2	--	52.5
2026-09-08	10:00:00	--	58.5	--
2026-09-09	09:00:00	60.5	--	--
2026-09-09	10:00:00	56.5	--	--
2026-09-09	11:00:00	61.0	--	--
2026-09-09	12:00:00	55.5	--	--
2026-09-09	13:00:00	59.6	--	--
2026-09-09	14:00:00	59.1	--	--
2026-09-09	15:00:00	59.0	--	--
2026-09-09	16:00:00	61.9	--	--
2026-09-09	17:00:00	58.6	--	--
2026-09-09	18:00:00	57.4	61.6	--
2026-09-10	09:00:00	58.3	--	--
2026-09-10	10:00:00	60.5	--	--
2026-09-10	11:00:00	61.8	--	--
2026-09-10	12:00:00	60.5	--	--
2026-09-10	13:00:00	62.9	--	--
2026-09-10	14:00:00	62.0	--	--
2026-09-10	15:00:00	62.1	--	--
2026-09-10	16:00:00	64.1	--	--
2026-09-10	17:00:00	59.0	--	--
2026-09-10	18:00:00	56.5	61.3	--
2026-09-11	09:00:00	58.5	--	--
2026-09-11	10:00:00	59.6	--	--
2026-09-11	11:00:00	58.4	--	--
2026-09-11	12:00:00	61.2	--	--
2026-09-11	13:00:00	61.7	--	--
2026-09-11	14:00:00	63.0	--	--
2026-09-11	15:00:00	61.2	--	--
2026-09-11	16:00:00	60.6	--	--
2026-09-11	17:00:00	58.2	--	--
2026-09-11	18:00:00	58.6	60.4	--
2026-09-12	09:00:00	59.4	--	--
2026-09-12	10:00:00	58.0	--	--
2026-09-12	11:00:00	62.1	--	--
2026-09-12	12:00:00	61.4	--	--
2026-09-12	13:00:00	61.4	--	52.5
2026-09-12	14:00:00	61.9	--	--
2026-09-12	15:00:00	62.4	--	--
2026-09-12	16:00:00	63.8	--	--
2026-09-12	17:00:00	61.4	--	--
2026-09-12	18:00:00	57.9	61.3	--
2026-09-13	09:00:00	57.9	--	--
2026-09-13	10:00:00	58.9	--	--
2026-09-13	11:00:00	63.3	--	--
2026-09-13	12:00:00	58.6	--	--
2026-09-13	13:00:00	57.6	--	--
2026-09-13	14:00:00	63.0	--	--
2026-09-13	15:00:00	59.2	--	--
2026-09-13	16:00:00	58.7	--	--
2026-09-13	17:00:00	58.6	--	--
2026-09-13	18:00:00	55.4	59.8	--
2026-09-14	09:00:00	60.5	--	--
2026-09-14	10:00:00	52.6	--	--
2026-09-14	11:00:00	53.5	--	--
2026-09-14	12:00:00	51.8	--	--
2026-09-14	13:00:00	51.1	--	51.6

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

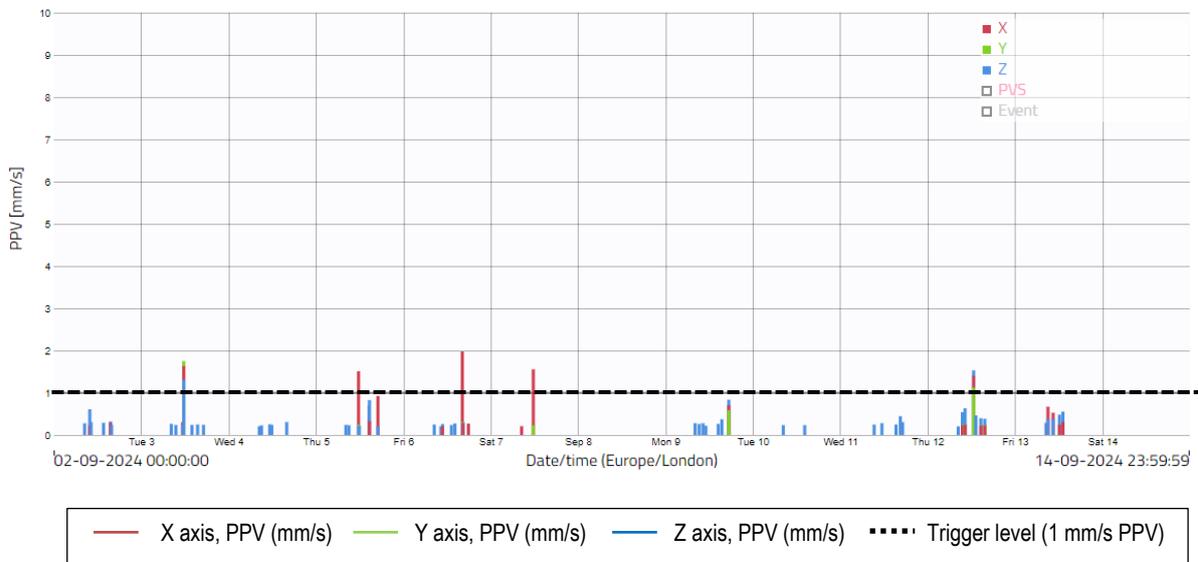
- 3.11 There was 100% data coverage at Location 3 during construction hours for the monitoring period covered by this report.
- 3.12 No exceedances of the daily project noise limit of 75 dB LAeq (0800-1800 hours) were recorded at this location during the monitoring period covered by this report. No exceedances of the project hourly noise criteria of 78 dB LAeq 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	02/09/2024 to 14/09/2024	1	1.98	06/09/2024	14:39
		2	1.75	03/09/2024	11:33
Criteria mm/s PPV Exceedances		3	1.55	07/09/2024	08:31
1.0	5	4	1.53	12/09/2024	12:14
		5	1.51	05/09/2024	10:20
		6	0.92	05/09/2024	16:27
		7	0.83	09/09/2024	16:08
		8	0.83	05/09/2024	14:42
		9	0.69	05/09/2024	14:36
		10	0.67	13/09/2024	08:59

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



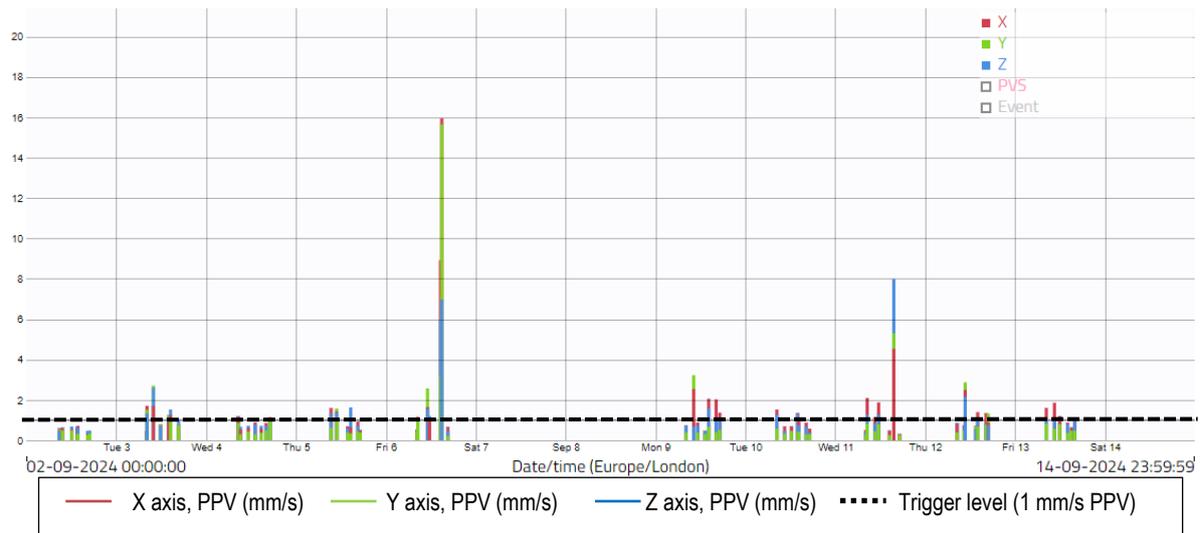
3.13 There was 100% data coverage at Location 1 during construction hours for the monitoring period covered by this report. There were five exceedances of the project vibration trigger level of 1 mm/s PPV as shown in the raw data and graph above. The highest recorded vibration level occurred on Friday 6th September at 14:39, with a recorded level of 2.0 mm/s PPV. It is worth noting from the raw data above that the exceedances were caused by individual, short-lived events, rather than continuous activity at this location. 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	02/09/2024 to 14/09/2024	1	15.95	06/09/2024	14:55	31	3.14	06/09/2024	15:04	61	1.83	13/09/2024	10:35
		2	9.84	06/09/2024	14:57	32	3.00	06/09/2024	14:58	62	1.83	06/09/2024	14:34
Criteria mm/s PPV Exceedances		3	8.92	06/09/2024	14:35	33	2.87	12/09/2024	10:41	63	1.81	13/09/2024	10:30
1.0	154	4	7.98	11/09/2024	15:37	34	2.84	06/09/2024	14:26	64	1.75	11/09/2024	15:36
		5	7.80	06/09/2024	14:12	35	2.82	06/09/2024	15:03	65	1.74	06/09/2024	15:13
		6	7.19	06/09/2024	15:09	36	2.72	06/09/2024	14:51	66	1.71	12/09/2024	10:40
		7	6.40	06/09/2024	15:08	37	2.71	03/09/2024	09:54	67	1.71	03/09/2024	08:10
		8	6.22	06/09/2024	14:54	38	2.65	06/09/2024	14:24	68	1.63	05/09/2024	14:36
		9	5.83	06/09/2024	15:10	39	2.63	06/09/2024	14:29	69	1.62	06/09/2024	14:17
		10	5.56	06/09/2024	15:17	40	2.62	06/09/2024	14:33	70	1.60	13/09/2024	09:09
		11	5.47	06/09/2024	15:05	41	2.57	06/09/2024	11:07	71	1.60	05/09/2024	09:21
		12	5.26	06/09/2024	14:36	42	2.51	06/09/2024	14:15	72	1.57	05/09/2024	10:50
		13	4.86	06/09/2024	15:19	43	2.27	06/09/2024	14:32	73	1.56	13/09/2024	10:32
		14	4.56	06/09/2024	16:04	44	2.17	06/09/2024	14:42	74	1.55	03/09/2024	08:12
		15	4.45	06/09/2024	14:47	45	2.15	06/09/2024	14:28	75	1.53	10/09/2024	08:21
		16	4.45	06/09/2024	14:27	46	2.14	06/09/2024	14:53	76	1.52	03/09/2024	14:29
		17	4.38	06/09/2024	15:06	47	2.13	06/09/2024	15:20	77	1.52	03/09/2024	09:29
		18	4.30	06/09/2024	15:18	48	2.12	06/09/2024	15:16	78	1.52	06/09/2024	14:11
		19	4.08	06/09/2024	15:00	49	2.10	06/09/2024	14:38	79	1.47	06/09/2024	14:48
		20	3.79	06/09/2024	15:07	50	2.10	11/09/2024	08:31	80	1.46	10/09/2024	08:24
		21	3.75	06/09/2024	15:15	51	2.09	06/09/2024	14:59	81	1.42	06/09/2024	14:23
		22	3.74	06/09/2024	15:11	52	2.06	09/09/2024	14:12	82	1.42	03/09/2024	14:27
		23	3.71	06/09/2024	14:13	53	2.02	09/09/2024	16:09	83	1.41	03/09/2024	10:59
		24	3.59	06/09/2024	14:14	54	1.96	06/09/2024	14:52	84	1.41	13/09/2024	08:21
		25	3.45	06/09/2024	14:25	55	1.87	11/09/2024	11:34	85	1.40	06/09/2024	15:41
		26	3.41	06/09/2024	14:45	56	1.86	13/09/2024	10:31	86	1.39	12/09/2024	13:56
		27	3.22	09/09/2024	10:11	57	1.86	06/09/2024	15:01	87	1.39	06/09/2024	13:38
		28	3.20	06/09/2024	14:21	58	1.84	06/09/2024	14:46	88	1.37	13/09/2024	10:25
		29	3.17	06/09/2024	14:37	59	1.84	11/09/2024	15:35	89	1.37	10/09/2024	08:20
		30	3.15	06/09/2024	14:56	60	1.83	06/09/2024	14:43	90	1.37	09/09/2024	17:09

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



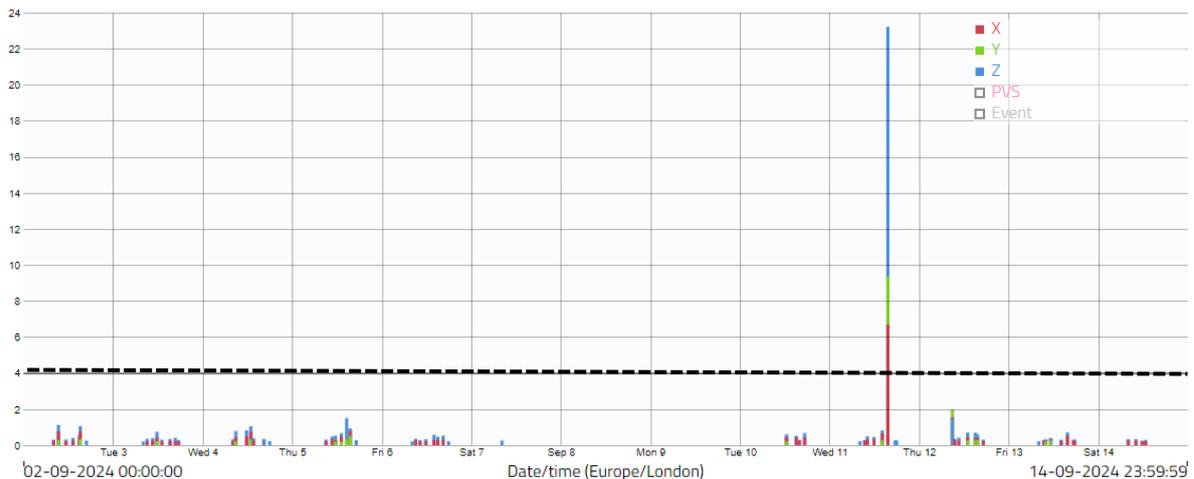
3.15 There was 100% data coverage at Location 2 during construction hours for the monitoring period covered by this report. There were 154 exceedances of the project vibration trigger level of 1 mm/s PPV as shown in the raw data and graph above. The highest recorded vibration level occurred on Friday 6th September at 14:55, with a recorded level of 15.9 mm/s PPV.

- 3.16 Based on the activity taking place in the vicinity of the monitor during this monitoring period, it is likely that these alerts may have been caused by the drainage formation or road formation within the vicinity of Block E1. 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	02/09/2024 to 14/09/2024	1	23.21	11/09/2024	15:37
		2	6.58	11/09/2024	15:38
Criteria mm/s PPV Exceedances		3	1.99	12/09/2024	08:54
4.0	2	4	1.50	05/09/2024	14:36
		5	1.29	11/09/2024	15:36
		6	1.13	02/09/2024	09:22
		7	1.06	02/09/2024	15:12
		8	1.05	04/09/2024	12:53
		9	0.94	05/09/2024	15:27
		10	0.83	11/09/2024	14:01

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



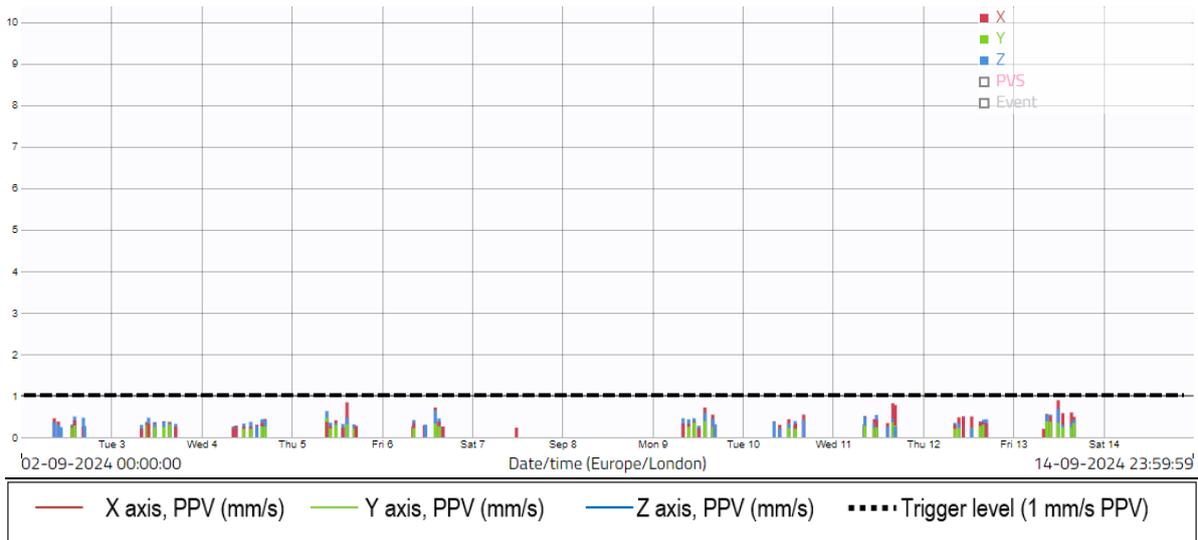
— X axis, PPV (mm/s) — Y axis, PPV (mm/s) — Z axis, PPV (mm/s) - - - - Trigger level (4 mm/s PPV)

3.18 There was 100% data coverage at Location 3 during construction hours for the monitoring period covered by this report. There were two 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 Wednesday 11th September at 15:37, with a recorded level of 23.2 mm/s PPV. Due to this being a standalone reading, it is likely this was caused by a site operative within close proximity of the monitor, as opposed to continuous construction work at this location. This will continue to be monitored.

Location 4 (meter ref. TEJELU) – Raw data

Measuring point:	Period:	Order	Value	Date	Time
Holloway - L4	02/09/2024 to 14/09/2024	1	0.89	13/09/2024	11:55
		2	0.84	05/09/2024	14:43
Criteria mm/s PPV Exceedances		3	0.82	11/09/2024	15:01
1.0	0	4	0.79	11/09/2024	15:58
		5	0.78	13/09/2024	12:11
		6	0.77	11/09/2024	16:32
		7	0.73	11/09/2024	15:49
		8	0.71	09/09/2024	14:10
		9	0.71	06/09/2024	14:12
		10	0.67	09/09/2024	14:12

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 were no exceedances of the project vibration trigger level of 1.0 mm/s PPV, which are shown in the raw data and graph above. The highest recorded vibration level occurred on Friday 13th September at 11:55, with a recorded level of 0.9 mm/s PPV.