cass allen

Architectural & Environmental Acousticians
Noise & Vibration Engineers

Holloway Park, London

Construction Monitoring Report

Client:	London Square
Ref:	CM125-22405-R0
Date:	19 February 2026
Note by:	Christian Inman, BSc, Acoustics Consultant
Reviewed by:	Anthony Coraci, MSc DipIOA, 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 12th January 2026 & Saturday 24th January 2026. 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 London Square.

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, and mobile plant used around the site:

- Drylining works at Block C
- Metsec and Facade works at Block C1
- Trench excavation for water meter, within proximity of Block C1
- Brickwork across Block D, internal fitout at Block D1
- Scaffolding & waterproofing works at Blocks C&D
- Ground works taking place around the welfare area.
- Installation of services and pavements on Pankhurst Road

3. MONITORING DATA

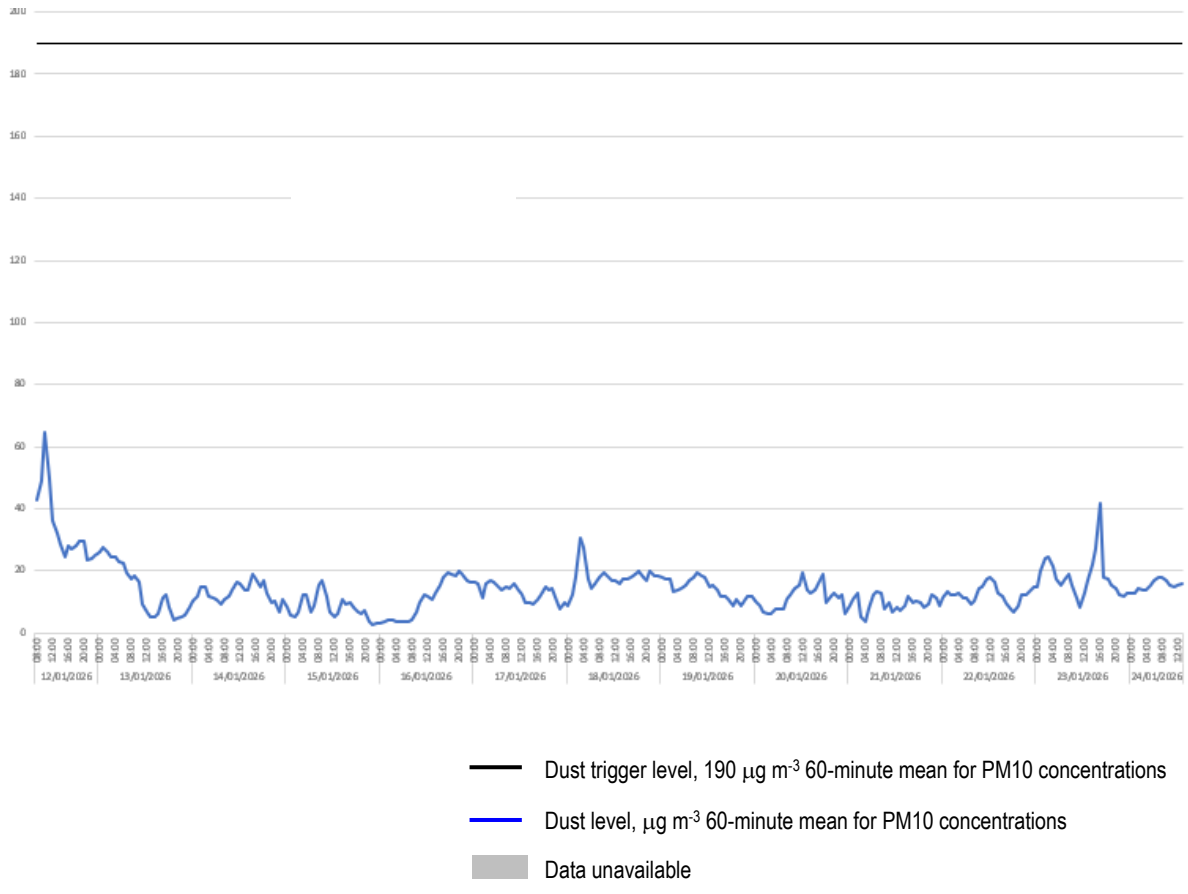
3.1 This section sets out a summary of the monitoring data that has been recorded onsite and provides a discussion of any exceedances and best practicable means incorporated by the site team if exceedances were believed to be construction related.

Dust Monitoring Results

Location 1 (meter ref. TNO4728)

3.2 There was 0% data coverage during the monitoring period, as the monitor was removed from site on Wednesday 17th December 2025 for its laboratory calibration (required every two years). This was returned to site on Friday 13th February. However, this monitor has remained offline due to water damage to the webserver, which occurred whilst the dust monitor was out for calibration. The webserver has been collected from site and an update will be provided in due course.

Location 2 (meter ref. TNO4778)



3.3 There was 100% data coverage during the monitoring period. There were no exceedances of the dust trigger level of 190 µg m^{-3} recorded at this location during construction hours.

Location 3 (meter ref. TNO4729)

3.4 There was 0% data coverage during the monitoring period, as the monitor was removed from site on Wednesday 17th December 2025 for its laboratory calibration (required every two years). This was returned to site on Friday 13th February and has been recording normally since.

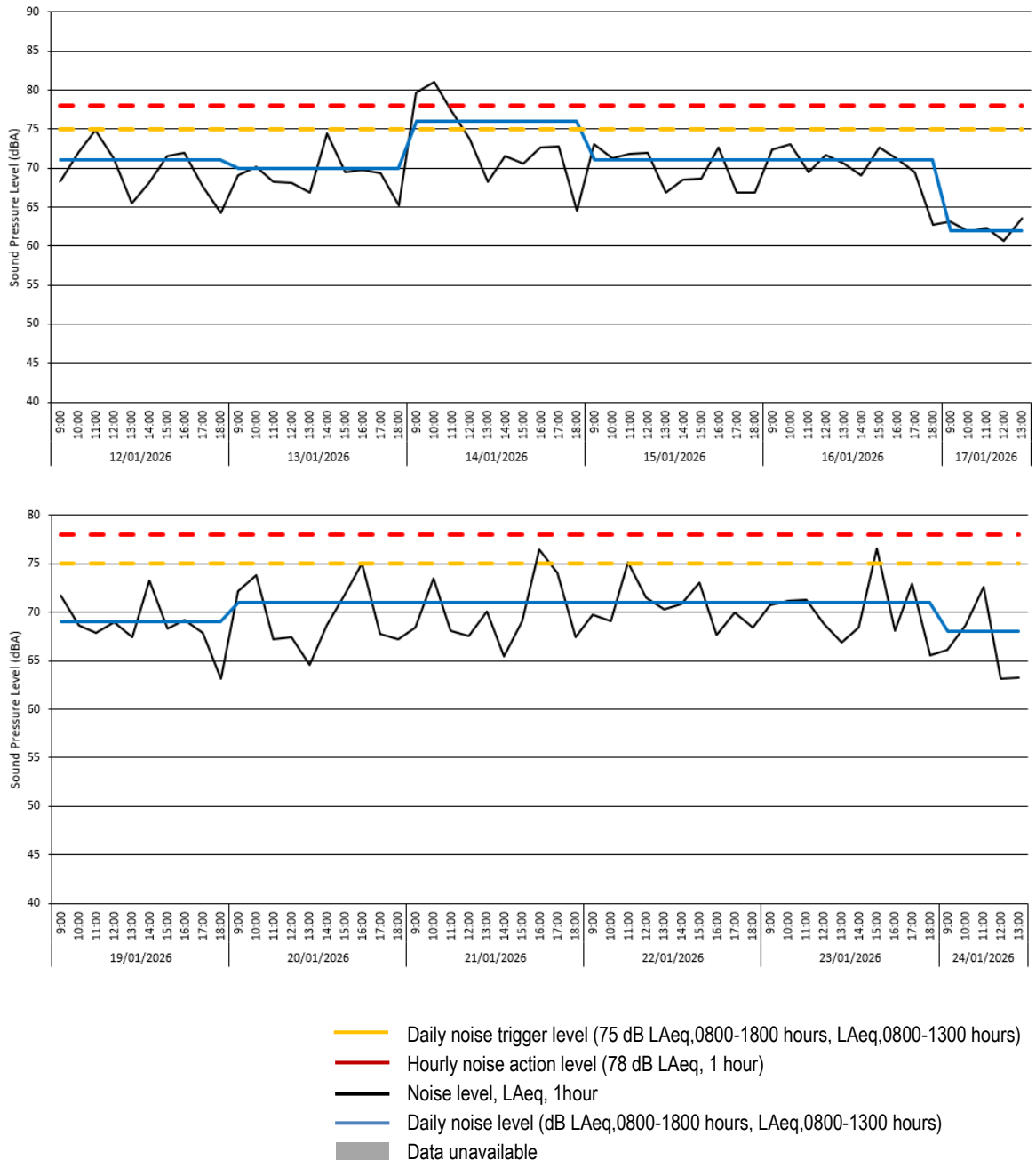
Noise Monitoring Results

Location 1 (meter ref. SMENK-9E5DF)

Broadband Results

Date [YYYY-MM-DD]	Time [hh:mm:ss]	LAeq(60min) [dB]	LAeq(7hr) [dB]	LAeq(10hr) [dB]	LAeq(5hr) [dB]
2026-01-12	09:00:00	68.3	-.-	-.-	-.-
2026-01-12	10:00:00	72.0	-.-	-.-	-.-
2026-01-12	11:00:00	74.8	-.-	-.-	-.-
2026-01-12	12:00:00	71.2	-.-	-.-	-.-
2026-01-12	13:00:00	65.5	-.-	-.-	-.-
2026-01-12	14:00:00	68.1	-.-	-.-	-.-
2026-01-12	15:00:00	71.6	-.-	-.-	-.-
2026-01-12	16:00:00	72.0	-.-	-.-	-.-
2026-01-12	17:00:00	67.7	-.-	-.-	-.-
2026-01-12	18:00:00	64.2	-.-	70.6	-.-
2026-01-13	09:00:00	69.1	-.-	-.-	-.-
2026-01-13	10:00:00	70.1	-.-	-.-	-.-
2026-01-13	11:00:00	68.3	-.-	-.-	-.-
2026-01-13	12:00:00	68.1	-.-	-.-	-.-
2026-01-13	13:00:00	66.8	-.-	-.-	-.-
2026-01-13	14:00:00	74.4	-.-	-.-	-.-
2026-01-13	15:00:00	69.5	-.-	-.-	-.-
2026-01-13	16:00:00	69.7	-.-	-.-	-.-
2026-01-13	17:00:00	69.4	-.-	-.-	-.-
2026-01-13	18:00:00	65.2	-.-	69.8	-.-
2026-01-14	09:00:00	79.6	-.-	-.-	-.-
2026-01-14	10:00:00	81.0	-.-	-.-	-.-
2026-01-14	11:00:00	77.3	-.-	-.-	-.-
2026-01-14	12:00:00	73.7	-.-	-.-	-.-
2026-01-14	13:00:00	68.3	-.-	-.-	-.-
2026-01-14	14:00:00	71.5	-.-	-.-	-.-
2026-01-14	15:00:00	70.6	-.-	-.-	-.-
2026-01-14	16:00:00	72.6	-.-	-.-	-.-
2026-01-14	17:00:00	72.8	-.-	-.-	-.-
2026-01-14	18:00:00	64.5	-.-	75.7	-.-
2026-01-15	09:00:00	73.0	-.-	-.-	-.-
2026-01-15	10:00:00	71.2	-.-	-.-	-.-
2026-01-15	11:00:00	71.8	-.-	-.-	-.-
2026-01-15	12:00:00	72.0	-.-	-.-	-.-
2026-01-15	13:00:00	66.9	-.-	-.-	-.-
2026-01-15	14:00:00	68.5	-.-	-.-	-.-
2026-01-15	15:00:00	68.6	-.-	-.-	-.-
2026-01-15	16:00:00	72.6	-.-	-.-	-.-
2026-01-15	17:00:00	66.8	-.-	-.-	-.-
2026-01-15	18:00:00	66.9	-.-	70.5	-.-
2026-01-16	09:00:00	72.3	-.-	-.-	-.-
2026-01-16	10:00:00	73.0	-.-	-.-	-.-
2026-01-16	11:00:00	69.5	-.-	-.-	-.-
2026-01-16	12:00:00	71.7	-.-	-.-	-.-
2026-01-16	13:00:00	70.6	-.-	-.-	-.-
2026-01-16	14:00:00	69.1	-.-	-.-	-.-
2026-01-16	15:00:00	72.6	-.-	-.-	-.-
2026-01-16	16:00:00	71.1	-.-	-.-	-.-
2026-01-16	17:00:00	69.5	-.-	-.-	-.-
2026-01-16	18:00:00	62.7	-.-	70.9	-.-
2026-01-17	09:00:00	63.1	-.-	-.-	-.-
2026-01-17	10:00:00	61.9	-.-	-.-	-.-
2026-01-17	11:00:00	62.3	-.-	-.-	-.-
2026-01-17	12:00:00	60.7	-.-	-.-	-.-
2026-01-17	13:00:00	63.6	-.-	-.-	62.4
2026-01-18	18:00:00	-.-	-.-	62.4	-.-
2026-01-19	09:00:00	71.7	-.-	-.-	-.-
2026-01-19	10:00:00	68.7	-.-	-.-	-.-
2026-01-19	11:00:00	67.9	-.-	-.-	-.-
2026-01-19	12:00:00	69.0	-.-	-.-	-.-
2026-01-19	13:00:00	67.4	-.-	-.-	-.-
2026-01-19	14:00:00	73.3	-.-	-.-	-.-
2026-01-19	15:00:00	68.3	-.-	-.-	-.-
2026-01-19	16:00:00	69.2	-.-	-.-	-.-
2026-01-19	17:00:00	67.9	-.-	-.-	-.-
2026-01-19	18:00:00	63.1	-.-	69.4	-.-
2026-01-20	09:00:00	72.2	-.-	-.-	-.-
2026-01-20	10:00:00	73.8	-.-	-.-	-.-
2026-01-20	11:00:00	67.2	-.-	-.-	-.-
2026-01-20	12:00:00	67.4	-.-	-.-	-.-
2026-01-20	13:00:00	64.6	-.-	-.-	-.-
2026-01-20	14:00:00	68.7	-.-	-.-	-.-
2026-01-20	15:00:00	71.8	-.-	-.-	-.-
2026-01-20	16:00:00	75.0	-.-	-.-	-.-
2026-01-20	17:00:00	67.8	-.-	-.-	-.-
2026-01-20	18:00:00	67.2	-.-	70.8	-.-
2026-01-21	09:00:00	68.4	-.-	-.-	-.-
2026-01-21	10:00:00	73.5	-.-	-.-	-.-
2026-01-21	11:00:00	68.1	-.-	-.-	-.-
2026-01-21	12:00:00	67.5	-.-	-.-	-.-
2026-01-21	13:00:00	70.1	-.-	-.-	-.-
2026-01-21	14:00:00	65.5	-.-	-.-	-.-
2026-01-21	15:00:00	69.1	-.-	-.-	-.-
2026-01-21	16:00:00	76.5	-.-	-.-	-.-
2026-01-21	17:00:00	74.1	-.-	-.-	-.-
2026-01-21	18:00:00	67.4	-.-	71.4	-.-
2026-01-22	09:00:00	69.7	-.-	-.-	-.-
2026-01-22	10:00:00	69.1	-.-	-.-	-.-
2026-01-22	11:00:00	75.1	-.-	-.-	-.-
2026-01-22	12:00:00	71.5	-.-	-.-	-.-
2026-01-22	13:00:00	70.3	-.-	-.-	-.-
2026-01-22	14:00:00	70.8	-.-	-.-	-.-
2026-01-22	15:00:00	73.1	-.-	-.-	-.-
2026-01-22	16:00:00	67.7	-.-	-.-	-.-
2026-01-22	17:00:00	70.0	-.-	-.-	-.-
2026-01-22	18:00:00	68.4	-.-	71.1	-.-
2026-01-23	09:00:00	70.7	-.-	-.-	-.-
2026-01-23	10:00:00	71.2	-.-	-.-	-.-
2026-01-23	11:00:00	71.3	-.-	-.-	-.-
2026-01-23	12:00:00	68.9	-.-	-.-	-.-
2026-01-23	13:00:00	66.9	-.-	-.-	-.-
2026-01-23	14:00:00	68.4	-.-	-.-	-.-
2026-01-23	15:00:00	76.6	-.-	-.-	-.-
2026-01-23	16:00:00	68.1	-.-	-.-	-.-
2026-01-23	17:00:00	72.9	-.-	-.-	-.-
2026-01-23	18:00:00	65.6	-.-	71.3	-.-
2026-01-24	09:00:00	66.1	-.-	-.-	-.-
2026-01-24	10:00:00	68.7	-.-	-.-	-.-
2026-01-24	11:00:00	72.6	-.-	-.-	-.-
2026-01-24	12:00:00	63.1	-.-	-.-	-.-
2026-01-24	13:00:00	63.3	-.-	-.-	68.3

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



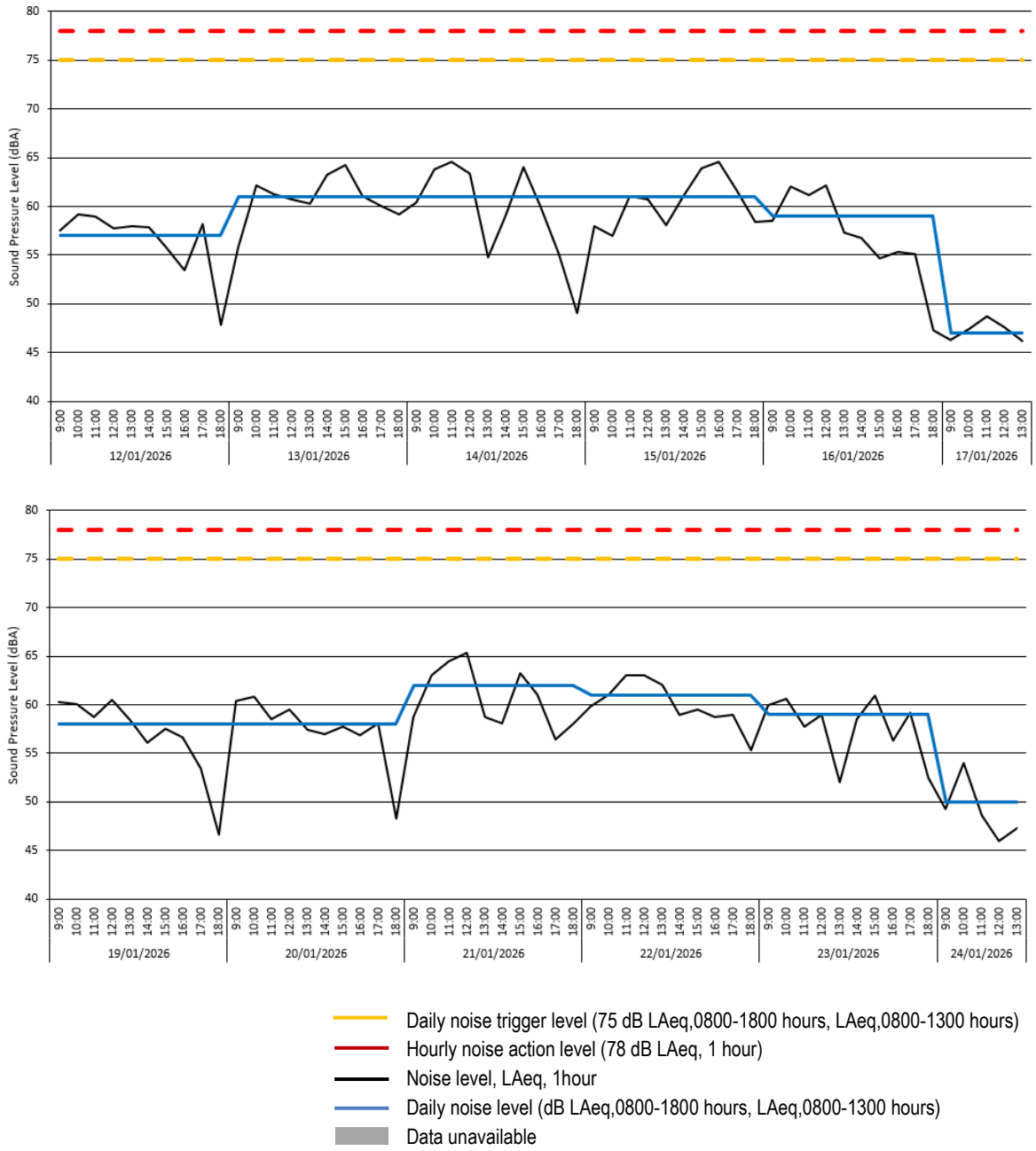
3.5 There was 100% data coverage at Location 1 during construction hours for the monitoring period. One exceedance of the daily noise trigger level (75 dB LAeq) was recorded on Wednesday 14th January, with a measured noise level of 75.7 dB LAeq,10hrs. On the same day, there were two exceedances of the hourly noise action level (78 dB LAeq,1 hour), at 09:00 and 10:00, with measured noise levels of 79.6 & 81.0 dB LAeq,1hr respectively. Based on discussions with site management, this is understood to have been caused by trench excavation within the proximity of Block C1. It is positive that no further exceedances were recorded during this monitoring period.

Location 2 (meter ref. VFHMP-7XSY7)

Broadband Results

Date [YYYY-MM-DD]	Time [hh:mm:ss]	LAeq(60min) [dB]	LAeq(10hr) [dB]	LAeq(5hr) [dB]
2026-01-12	09:00:00	57.5	-.-	-.-
2026-01-12	10:00:00	59.2	-.-	-.-
2026-01-12	11:00:00	58.9	-.-	-.-
2026-01-12	12:00:00	57.7	-.-	-.-
2026-01-12	13:00:00	58.0	-.-	-.-
2026-01-12	14:00:00	57.9	-.-	-.-
2026-01-12	15:00:00	55.7	-.-	-.-
2026-01-12	16:00:00	53.4	-.-	-.-
2026-01-12	17:00:00	58.2	-.-	-.-
2026-01-12	18:00:00	47.8	57.2	-.-
2026-01-13	09:00:00	55.8	-.-	-.-
2026-01-13	10:00:00	62.2	-.-	-.-
2026-01-13	11:00:00	61.3	-.-	-.-
2026-01-13	12:00:00	60.7	-.-	-.-
2026-01-13	13:00:00	60.3	-.-	-.-
2026-01-13	14:00:00	63.3	-.-	-.-
2026-01-13	15:00:00	64.2	-.-	-.-
2026-01-13	16:00:00	61.0	-.-	-.-
2026-01-13	17:00:00	60.1	-.-	-.-
2026-01-13	18:00:00	59.2	61.3	-.-
2026-01-14	09:00:00	60.4	-.-	-.-
2026-01-14	10:00:00	63.8	-.-	-.-
2026-01-14	11:00:00	64.6	-.-	-.-
2026-01-14	12:00:00	63.4	-.-	-.-
2026-01-14	13:00:00	54.8	-.-	-.-
2026-01-14	14:00:00	59.0	-.-	-.-
2026-01-14	15:00:00	64.0	-.-	-.-
2026-01-14	16:00:00	60.0	-.-	-.-
2026-01-14	17:00:00	55.1	-.-	-.-
2026-01-14	18:00:00	49.0	61.3	-.-
2026-01-15	09:00:00	58.0	-.-	-.-
2026-01-15	10:00:00	57.0	-.-	-.-
2026-01-15	11:00:00	61.1	-.-	-.-
2026-01-15	12:00:00	60.7	-.-	-.-
2026-01-15	13:00:00	58.1	-.-	-.-
2026-01-15	14:00:00	61.0	-.-	-.-
2026-01-15	15:00:00	63.9	-.-	-.-
2026-01-15	16:00:00	64.6	-.-	-.-
2026-01-15	17:00:00	61.6	-.-	-.-
2026-01-15	18:00:00	58.4	61.1	-.-
2026-01-16	09:00:00	58.5	-.-	-.-
2026-01-16	10:00:00	62.0	-.-	-.-
2026-01-16	11:00:00	61.2	-.-	-.-
2026-01-16	12:00:00	62.2	-.-	-.-
2026-01-16	13:00:00	57.3	-.-	-.-
2026-01-16	14:00:00	56.8	-.-	-.-
2026-01-16	15:00:00	54.7	-.-	-.-
2026-01-16	16:00:00	55.3	-.-	-.-
2026-01-16	17:00:00	55.1	-.-	-.-
2026-01-16	18:00:00	47.3	58.6	-.-
2026-01-17	09:00:00	46.3	-.-	-.-
2026-01-17	10:00:00	47.4	-.-	-.-
2026-01-17	11:00:00	48.7	-.-	-.-
2026-01-17	12:00:00	47.6	-.-	-.-
2026-01-17	13:00:00	46.2	-.-	47.4
2026-01-18	18:00:00	-.-	45.0	-.-
2026-01-19	09:00:00	60.3	-.-	-.-
2026-01-19	10:00:00	60.1	-.-	-.-
2026-01-19	11:00:00	58.7	-.-	-.-
2026-01-19	12:00:00	60.5	-.-	-.-
2026-01-19	13:00:00	58.4	-.-	-.-
2026-01-19	14:00:00	56.1	-.-	-.-
2026-01-19	15:00:00	57.5	-.-	-.-
2026-01-19	16:00:00	56.6	-.-	-.-
2026-01-19	17:00:00	53.4	-.-	-.-
2026-01-19	18:00:00	46.6	58.0	-.-
2026-01-20	09:00:00	60.4	-.-	-.-
2026-01-20	10:00:00	60.8	-.-	-.-
2026-01-20	11:00:00	58.5	-.-	-.-
2026-01-20	12:00:00	59.5	-.-	-.-
2026-01-20	13:00:00	57.4	-.-	-.-
2026-01-20	14:00:00	57.0	-.-	-.-
2026-01-20	15:00:00	57.7	-.-	-.-
2026-01-20	16:00:00	56.9	-.-	-.-
2026-01-20	17:00:00	58.1	-.-	-.-
2026-01-20	18:00:00	48.3	58.3	-.-
2026-01-21	09:00:00	58.7	-.-	-.-
2026-01-21	10:00:00	63.0	-.-	-.-
2026-01-21	11:00:00	64.5	-.-	-.-
2026-01-21	12:00:00	65.3	-.-	-.-
2026-01-21	13:00:00	58.7	-.-	-.-
2026-01-21	14:00:00	58.1	-.-	-.-
2026-01-21	15:00:00	63.2	-.-	-.-
2026-01-21	16:00:00	61.0	-.-	-.-
2026-01-21	17:00:00	56.4	-.-	-.-
2026-01-21	18:00:00	58.1	61.7	-.-
2026-01-22	09:00:00	59.8	-.-	-.-
2026-01-22	10:00:00	61.1	-.-	-.-
2026-01-22	11:00:00	63.0	-.-	-.-
2026-01-22	12:00:00	63.0	-.-	-.-
2026-01-22	13:00:00	62.0	-.-	-.-
2026-01-22	14:00:00	58.9	-.-	-.-
2026-01-22	15:00:00	59.5	-.-	-.-
2026-01-22	16:00:00	58.7	-.-	-.-
2026-01-22	17:00:00	58.9	-.-	-.-
2026-01-22	18:00:00	55.3	60.6	-.-
2026-01-23	09:00:00	59.9	-.-	-.-
2026-01-23	10:00:00	60.6	-.-	-.-
2026-01-23	11:00:00	57.7	-.-	-.-
2026-01-23	12:00:00	58.9	-.-	-.-
2026-01-23	13:00:00	52.0	-.-	-.-
2026-01-23	14:00:00	58.5	-.-	-.-
2026-01-23	15:00:00	60.9	-.-	-.-
2026-01-23	16:00:00	56.3	-.-	-.-
2026-01-23	17:00:00	59.2	-.-	-.-
2026-01-23	18:00:00	52.5	58.5	-.-
2026-01-24	09:00:00	49.3	-.-	-.-
2026-01-24	10:00:00	54.0	-.-	-.-
2026-01-24	11:00:00	48.6	-.-	-.-
2026-01-24	12:00:00	46.0	-.-	-.-
2026-01-24	13:00:00	47.3	-.-	50.0

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



3.6 There was 100% data coverage at Location 2 during construction hours for the monitoring period covered by this report. There were no exceedances of the daily noise trigger level (75 dB LAeq,T) or hourly noise action level (78 dB LAeq,1 hour) at this location for the monitoring period covered by this report.

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

3.7 There was 0% data coverage during the monitoring period, as the monitor was removed from site on Wednesday 17th December 2025 for its laboratory calibration (required every two years). This was returned to site on Friday 13th February and data collection has resumed as normal.

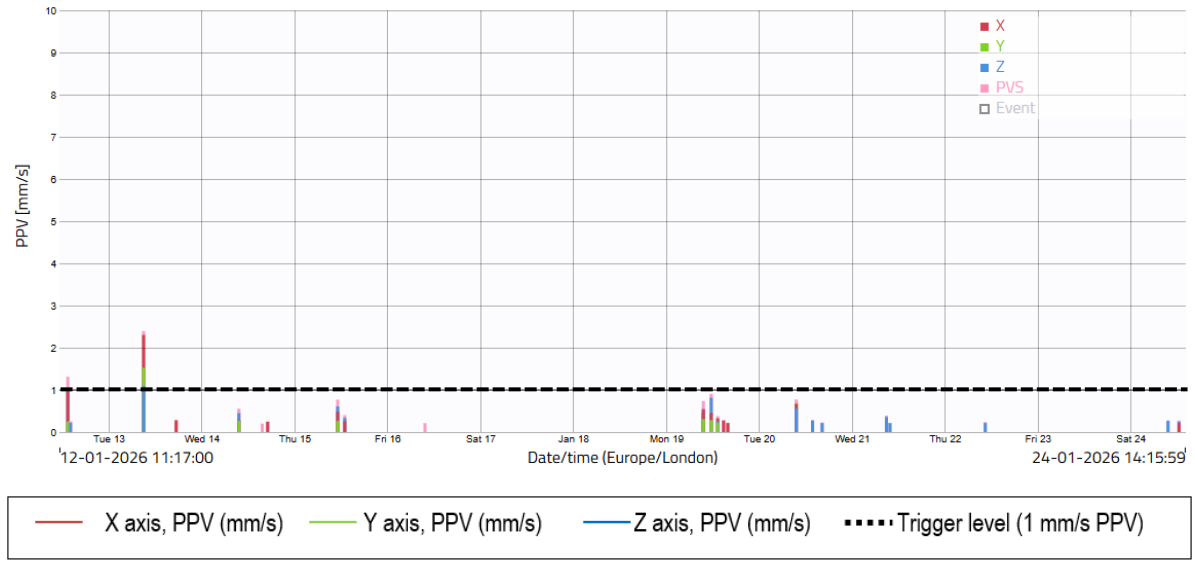
Vibration Monitoring Results

Location 1 (meter ref. PIJIVI) – Raw data

Measuring point:	Period:
Holloway - L1	2026-01-12_000000.000- - 18
Criteria mm/s PPV	Exceedances
1.0	1

Order	Value	Date	Time
1	2.30	13/01/2026	09:02
2	0.98	12/01/2026	13:27
3	0.81	19/01/2026	11:40
4	0.69	20/01/2026	09:39
5	0.61	15/01/2026	11:10
6	0.55	19/01/2026	09:39
7	0.52	19/01/2026	10:57
8	0.48	19/01/2026	10:50
9	0.46	12/01/2026	13:38
10	0.46	19/01/2026	11:43

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



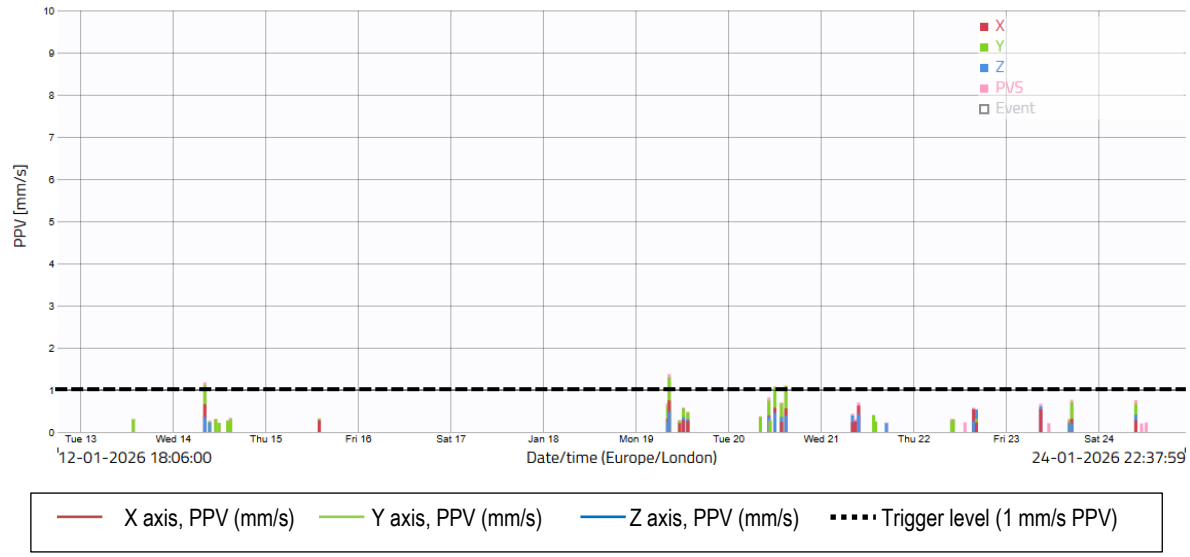
3.8 There was 100% data coverage at Location 1 during construction hours for the monitoring period covered by this report. There was 1 exceedance of the project vibration trigger level of 1.0 mm/s PPV, as shown in the raw data and graph above, occurring on Thursday 13th January at 09:02, with a recorded level of 2.30 mm/s PPV. Based on discussions with site management, this is understood to have been caused by trench excavation within the proximity of Block C1. It is positive that no further exceedances were recorded for the monitoring period.

Location 2 (meter ref. LEQUMO) – Raw data

Measuring point:	Period:
Holloway - L2	2026-01-12_000000.000- - 18
Criteria mm/s PPV	Exceedances
1.0	6

Order	Value	Date	Time
1	1.30	19/01/2026	08:43
2	1.26	19/01/2026	08:44
3	1.20	19/01/2026	08:54
4	1.11	14/01/2026	08:19
5	1.09	20/01/2026	14:58
6	1.05	20/01/2026	12:06
7	1.00	20/01/2026	15:00
8	0.88	19/01/2026	08:45
9	0.74	20/01/2026	10:33
10	0.71	20/01/2026	15:01

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



3.9 There was 100% data coverage at Location 2 during construction hours for the monitoring period covered by this report. There were 6 exceedances of the project vibration trigger level of 1.0 mm/s PPV, as shown in the raw data and graph above. The highest reading occurred on Monday 19th January at 08:43, with a recorded value of 1.30 mm/s PPV. Based on discussions with site management, this is understood to have been caused by site plant equipment passing within the vicinity of the vibration monitor.

Location 3 (meter ref. RIYORU)

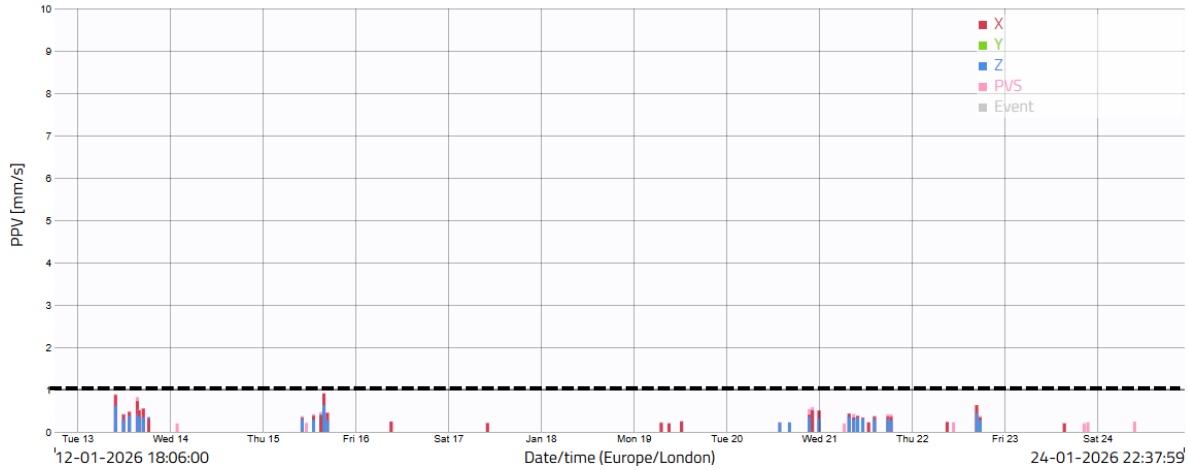
3.10 No raw data is available for this period, due to a drained battery. This has since been resolved and data collection has resumed as normal.

Location 4 (meter ref. TEJELU) – Raw data

Measuring point:	Period:
Holloway - L4	2026-01-12_000000.000- - 18
Criteria mm/s PPV	Exceedances
1.0	0

Order	Value	Date	Time
1	0.91	15/01/2026	15:51
2	0.87	13/01/2026	09:55
3	0.73	13/01/2026	15:33
4	0.63	22/01/2026	16:47
5	0.55	13/01/2026	17:06
6	0.51	20/01/2026	22:16
7	0.51	13/01/2026	16:48
8	0.51	13/01/2026	14:21
9	0.51	13/01/2026	16:01
10	0.50	20/01/2026	23:59

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



3.11 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, as shown in the raw data and graph above.