cass allen

Architectural & Environmental Acousticians
Noise & Vibration Engineers

# Holloway Park, London

## Construction Monitoring Report

| | |
|---|---|
| Client: | London Square |
| Ref: | CM103-22405-R0 |
| Date: | 8 April 2025 |
| 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 10th & Saturday 22nd March 2025. 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, and mobile plant used around the site:

**OHOB**

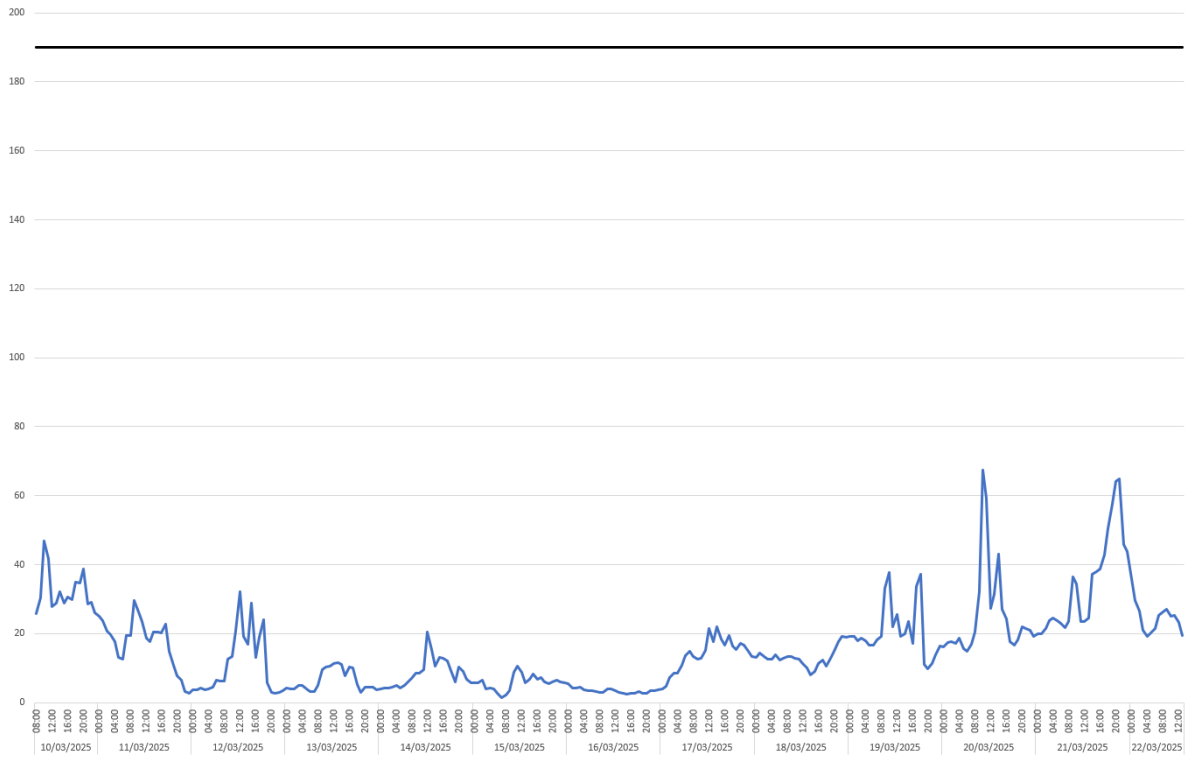
- Work continuing on the Block C & D decking.
- Installation of drainage between Blocks C & D, and Block E1.
- Vertical elements being constructed (including the floor slabs) at Blocks C, D & E.
- Waterproofing work taking place at Block C & D.
- Drainage and retaining walls installation around Block C.

## 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.

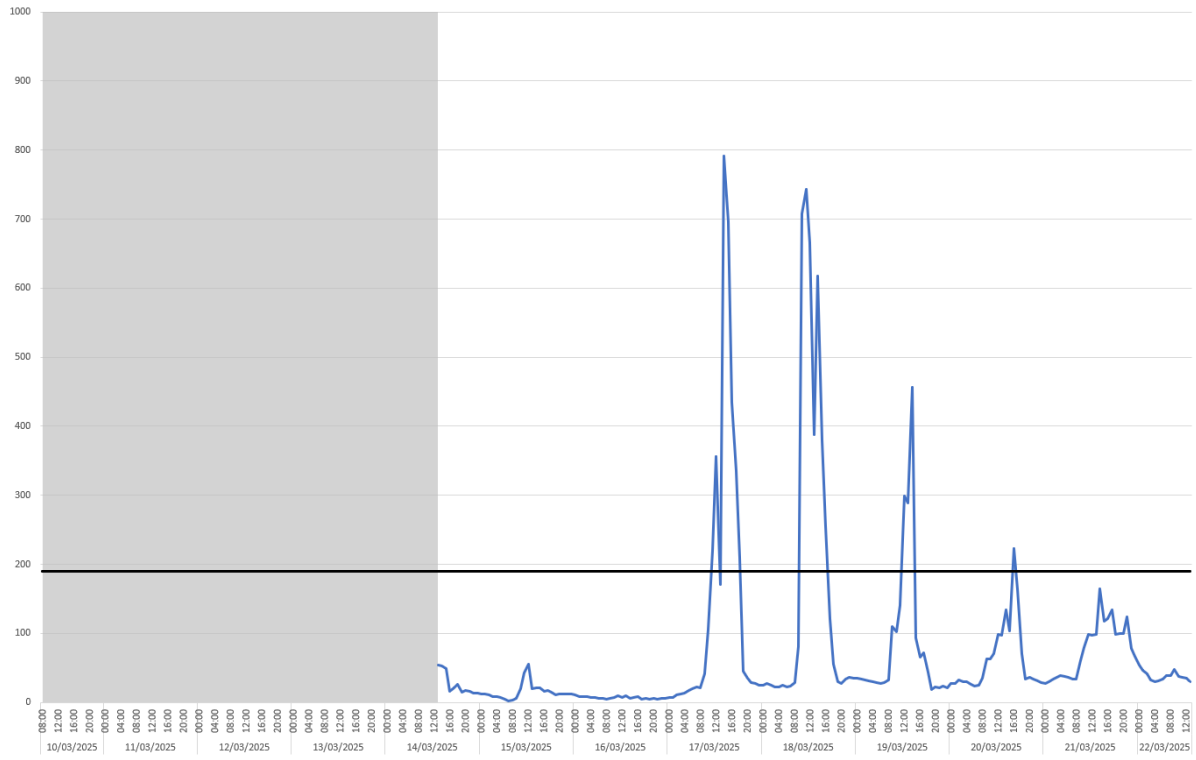
**Dust Monitoring Results**

Location 1 (meter ref. TNO4728)




3.2 There was 100% data coverage during the monitoring period. There were no exceedances of the dust trigger level recorded at this location.

Location 2 (meter ref. TNO4778)




3.3 Data at this location only became available after Friday 14th March, when a site visit was carried out to replace a faulty cable. There was 69% data coverage at this location during the monitoring period.

3.4 There were 13 exceedances of the dust trigger level of 190 micrograms per cubic meter during the monitoring period. These occurred on:

- Monday 17th March 2025 at 11:00 with a recorded level of 219 µg $m^{-3}$
- Monday 17th March 2025 at 12:00 with a recorded level of 356 µg $m^{-3}$
- Monday 17th March 2025 at 14:00 with a recorded level of 791 µg $m^{-3}$
- Monday 17th March 2025 at 15:00 with a recorded level of 697 µg $m^{-3}$
- Monday 17th March 2025 at 16:00 with a recorded level of 436 µg $m^{-3}$
- Monday 17th March 2025 at 17:00 with a recorded level of 336 µg $m^{-3}$
- Monday 17th March 2025 at 18:00 with a recorded level of 210 µg $m^{-3}$
- Tuesday 18th March 2025 at 10:00 with a recorded level of 708 µg $m^{-3}$
- Tuesday 18th March 2025 at 11:00 with a recorded level of 743 µg $m^{-3}$

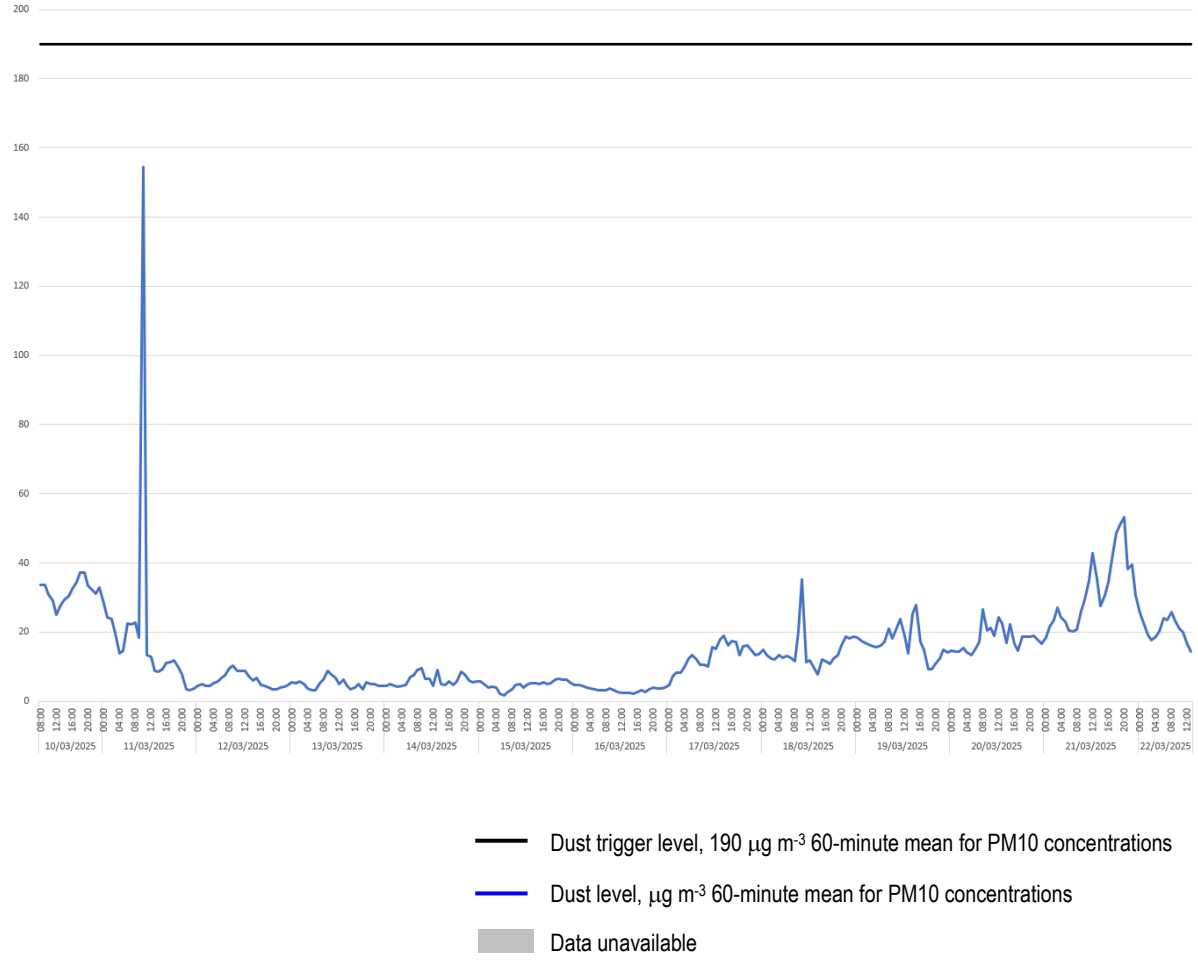
- Tuesday 18th March 2025 at 12:00 with a recorded level of 666 µg $m^{-3}$
- Tuesday 18th March 2025 at 13:00 with a recorded level of 388 µg $m^{-3}$
- Tuesday 18th March 2025 at 14:00 with a recorded level of 618 µg $m^{-3}$
- Tuesday 18th March 2025 at 15:00 with a recorded level of 380 µg $m^{-3}$
- Tuesday 18th March 2025 at 16:00 with a recorded level of 256 µg $m^{-3}$
- Wednesday 19th March 2025 at 12:00 with a recorded level of 299 µg $m^{-3}$
- Wednesday 19th March 2025 at 13:00 with a recorded level of 289 µg $m^{-3}$
- Wednesday 19th March 2025 at 14:00 with a recorded level of 457 µg $m^{-3}$
- Thursday 20th March 2025 at 16:00 with a recorded level of 223 µg $m^{-3}$

3.5 Discussions with site management confirmed that the exceedances were likely caused by several; contributing factors, including:

- Activity taking place at the carpenter bench area, including dust emissions from drilling and sawing.
- Dust emissions from the construction of the vertical elements of the blocks.

3.6 The above activity has been discussed with site management and, as well as measures to control noise, vibration & dust emissions. Site management have confirmed that dust suppression measures are being implemented, including watering down the site and the use of a sweeper. Site management have confirmed that additional water-based dust suppression equipment has been ordered and is due to arrive on site for Thursday 10th April. This will continue to be monitored.

Location 3 (meter ref. TNO4729)




3.7 There was 100% data coverage at Location 3 during construction hours for the monitoring period covered by this report.

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

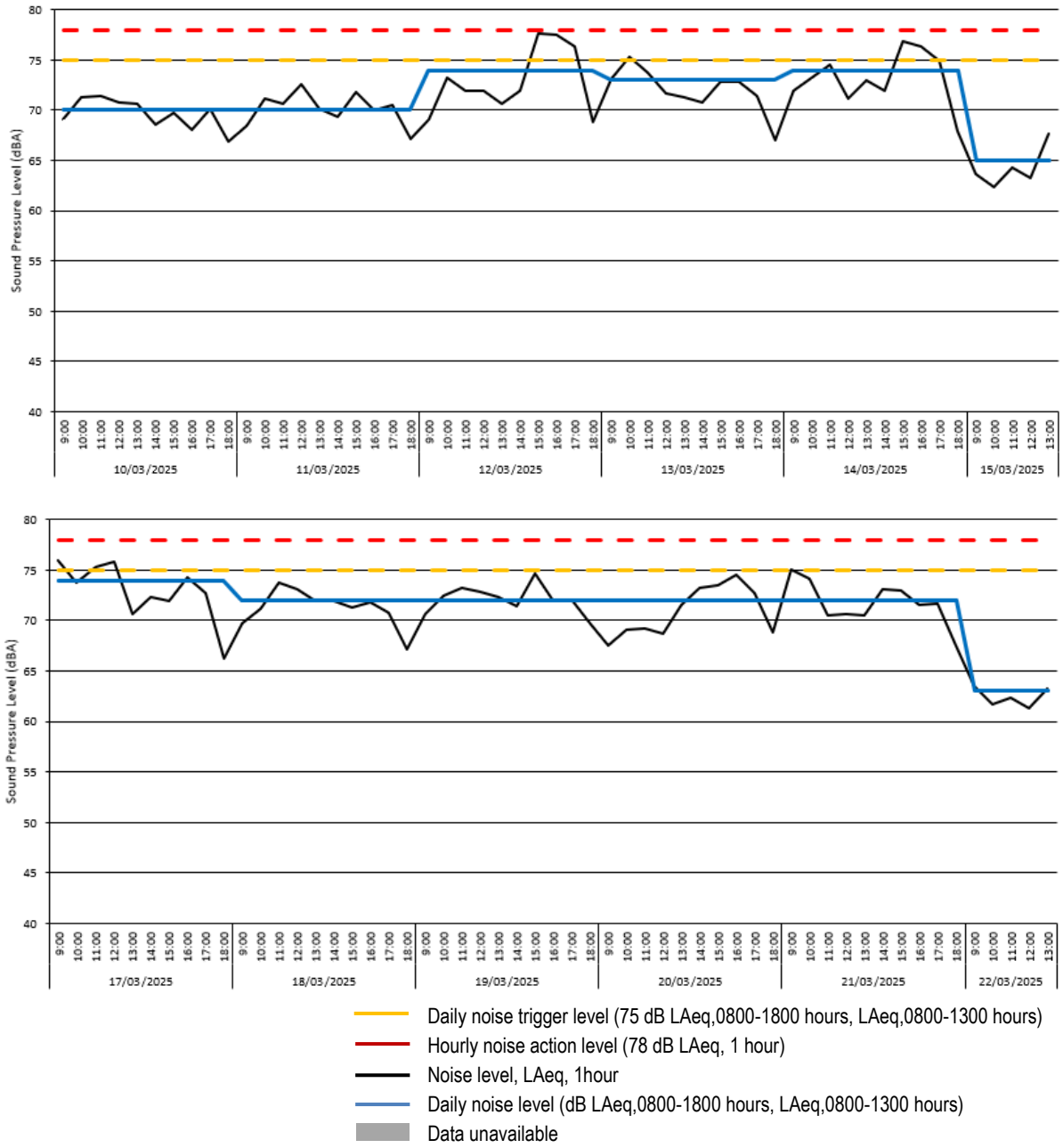
## Noise Monitoring Results

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] |
|---|---|---|---|---|---|
| 2025-03-10 | 09:00:00 | 69.1 | -.- | -.- | -.- |
| 2025-03-10 | 10:00:00 | 71.3 | -.- | -.- | -.- |
| 2025-03-10 | 11:00:00 | 71.4 | -.- | -.- | -.- |
| 2025-03-10 | 12:00:00 | 70.8 | -.- | -.- | -.- |
| 2025-03-10 | 13:00:00 | 70.6 | -.- | -.- | -.- |
| 2025-03-10 | 14:00:00 | 68.6 | -.- | -.- | -.- |
| 2025-03-10 | 15:00:00 | 69.7 | -.- | -.- | -.- |
| 2025-03-10 | 16:00:00 | 68.0 | -.- | -.- | -.- |
| 2025-03-10 | 17:00:00 | 70.1 | -.- | -.- | -.- |
| 2025-03-10 | 18:00:00 | 66.9 | -.- | 69.9 | -.- |
| 2025-03-11 | 09:00:00 | 68.5 | -.- | -.- | -.- |
| 2025-03-11 | 10:00:00 | 71.1 | -.- | -.- | -.- |
| 2025-03-11 | 11:00:00 | 70.6 | -.- | -.- | -.- |
| 2025-03-11 | 12:00:00 | 72.6 | -.- | -.- | -.- |
| 2025-03-11 | 13:00:00 | 70.1 | -.- | -.- | -.- |
| 2025-03-11 | 14:00:00 | 69.4 | -.- | -.- | -.- |
| 2025-03-11 | 15:00:00 | 71.8 | -.- | -.- | -.- |
| 2025-03-11 | 16:00:00 | 70.0 | -.- | -.- | -.- |
| 2025-03-11 | 17:00:00 | 70.5 | -.- | -.- | -.- |
| 2025-03-11 | 18:00:00 | 67.1 | -.- | 70.4 | -.- |
| 2025-03-12 | 09:00:00 | 69.1 | -.- | -.- | -.- |
| 2025-03-12 | 10:00:00 | 73.2 | -.- | -.- | -.- |
| 2025-03-12 | 11:00:00 | 71.9 | -.- | -.- | -.- |
| 2025-03-12 | 12:00:00 | 71.9 | -.- | -.- | -.- |
| 2025-03-12 | 13:00:00 | 70.7 | -.- | -.- | -.- |
| 2025-03-12 | 14:00:00 | 72.0 | -.- | -.- | -.- |
| 2025-03-12 | 15:00:00 | 77.7 | -.- | -.- | -.- |
| 2025-03-12 | 16:00:00 | 77.5 | -.- | -.- | -.- |
| 2025-03-12 | 17:00:00 | 76.3 | -.- | -.- | -.- |
| 2025-03-12 | 18:00:00 | 68.8 | -.- | 74.0 | -.- |
| 2025-03-13 | 09:00:00 | 73.1 | -.- | -.- | -.- |
| 2025-03-13 | 10:00:00 | 75.3 | -.- | -.- | -.- |
| 2025-03-13 | 11:00:00 | 73.8 | -.- | -.- | -.- |
| 2025-03-13 | 12:00:00 | 71.7 | -.- | -.- | -.- |
| 2025-03-13 | 13:00:00 | 71.3 | -.- | -.- | -.- |
| 2025-03-13 | 14:00:00 | 70.8 | -.- | -.- | -.- |
| 2025-03-13 | 15:00:00 | 72.9 | -.- | -.- | -.- |
| 2025-03-13 | 16:00:00 | 72.9 | -.- | -.- | -.- |
| 2025-03-13 | 17:00:00 | 71.4 | -.- | -.- | -.- |
| 2025-03-13 | 18:00:00 | 67.0 | -.- | 72.5 | -.- |
| 2025-03-14 | 09:00:00 | 72.0 | -.- | -.- | -.- |
| 2025-03-14 | 10:00:00 | 73.3 | -.- | -.- | -.- |
| 2025-03-14 | 11:00:00 | 74.5 | -.- | -.- | -.- |
| 2025-03-14 | 12:00:00 | 71.1 | -.- | -.- | -.- |
| 2025-03-14 | 13:00:00 | 73.0 | -.- | -.- | -.- |
| 2025-03-14 | 14:00:00 | 72.0 | -.- | -.- | -.- |
| 2025-03-14 | 15:00:00 | 76.9 | -.- | -.- | -.- |
| 2025-03-14 | 16:00:00 | 76.4 | -.- | -.- | -.- |
| 2025-03-14 | 17:00:00 | 74.9 | -.- | -.- | -.- |
| 2025-03-14 | 18:00:00 | 67.9 | -.- | 73.9 | -.- |
| 2025-03-15 | 09:00:00 | 63.7 | -.- | -.- | -.- |
| 2025-03-15 | 10:00:00 | 62.4 | -.- | -.- | -.- |
| 2025-03-15 | 11:00:00 | 64.3 | -.- | -.- | -.- |
| 2025-03-15 | 12:00:00 | 63.2 | -.- | -.- | -.- |
| 2025-03-15 | 13:00:00 | 67.7 | -.- | -.- | 64.7 |
| 2025-03-16 | 18:00:00 | -.- | -.- | 63.5 | -.- |
| 2025-03-17 | 09:00:00 | 76.0 | -.- | -.- | -.- |
| 2025-03-17 | 10:00:00 | 73.7 | -.- | -.- | -.- |
| 2025-03-17 | 11:00:00 | 75.3 | -.- | -.- | -.- |
| 2025-03-17 | 12:00:00 | 75.8 | -.- | -.- | -.- |
| 2025-03-17 | 13:00:00 | 70.6 | -.- | -.- | -.- |
| 2025-03-17 | 14:00:00 | 72.3 | -.- | -.- | -.- |
| 2025-03-17 | 15:00:00 | 72.0 | -.- | -.- | -.- |
| 2025-03-17 | 16:00:00 | 74.3 | -.- | -.- | -.- |
| 2025-03-17 | 17:00:00 | 72.7 | -.- | -.- | -.- |
| 2025-03-17 | 18:00:00 | 66.3 | -.- | 73.6 | -.- |
| 2025-03-18 | 09:00:00 | 69.8 | -.- | -.- | -.- |
| 2025-03-18 | 10:00:00 | 71.2 | -.- | -.- | -.- |
| 2025-03-18 | 11:00:00 | 73.8 | -.- | -.- | -.- |
| 2025-03-18 | 12:00:00 | 73.1 | -.- | -.- | -.- |
| 2025-03-18 | 13:00:00 | 72.0 | -.- | -.- | -.- |
| 2025-03-18 | 14:00:00 | 71.9 | -.- | -.- | -.- |
| 2025-03-18 | 15:00:00 | 71.3 | -.- | -.- | -.- |
| 2025-03-18 | 16:00:00 | 71.8 | -.- | -.- | -.- |
| 2025-03-18 | 17:00:00 | 70.8 | -.- | -.- | -.- |
| 2025-03-18 | 18:00:00 | 67.1 | -.- | 71.6 | -.- |
| 2025-03-19 | 09:00:00 | 70.7 | -.- | -.- | -.- |
| 2025-03-19 | 10:00:00 | 72.4 | -.- | -.- | -.- |
| 2025-03-19 | 11:00:00 | 73.3 | -.- | -.- | -.- |
| 2025-03-19 | 12:00:00 | 72.8 | -.- | -.- | -.- |
| 2025-03-19 | 13:00:00 | 72.3 | -.- | -.- | -.- |
| 2025-03-19 | 14:00:00 | 71.4 | -.- | -.- | -.- |
| 2025-03-19 | 15:00:00 | 74.7 | -.- | -.- | -.- |
| 2025-03-19 | 16:00:00 | 72.0 | -.- | -.- | -.- |
| 2025-03-19 | 17:00:00 | 72.1 | -.- | -.- | -.- |
| 2025-03-19 | 18:00:00 | 69.8 | -.- | 72.3 | -.- |
| 2025-03-20 | 09:00:00 | 67.5 | -.- | -.- | -.- |
| 2025-03-20 | 10:00:00 | 69.1 | -.- | -.- | -.- |
| 2025-03-20 | 11:00:00 | 69.2 | -.- | -.- | -.- |
| 2025-03-20 | 12:00:00 | 68.7 | -.- | -.- | -.- |
| 2025-03-20 | 13:00:00 | 71.6 | -.- | -.- | -.- |
| 2025-03-20 | 14:00:00 | 73.3 | -.- | -.- | -.- |
| 2025-03-20 | 15:00:00 | 73.5 | -.- | -.- | -.- |
| 2025-03-20 | 16:00:00 | 74.5 | -.- | -.- | -.- |
| 2025-03-20 | 17:00:00 | 72.7 | -.- | -.- | -.- |
| 2025-03-20 | 18:00:00 | 68.8 | -.- | 71.5 | -.- |
| 2025-03-21 | 09:00:00 | 75.1 | -.- | -.- | -.- |
| 2025-03-21 | 10:00:00 | 74.1 | -.- | -.- | -.- |
| 2025-03-21 | 11:00:00 | 70.5 | -.- | -.- | -.- |
| 2025-03-21 | 12:00:00 | 70.6 | -.- | -.- | -.- |
| 2025-03-21 | 13:00:00 | 70.5 | -.- | -.- | -.- |
| 2025-03-21 | 14:00:00 | 73.1 | -.- | -.- | -.- |
| 2025-03-21 | 15:00:00 | 73.0 | -.- | -.- | -.- |
| 2025-03-21 | 16:00:00 | 71.6 | -.- | -.- | -.- |
| 2025-03-21 | 17:00:00 | 71.7 | -.- | -.- | -.- |
| 2025-03-21 | 18:00:00 | 67.5 | -.- | 72.2 | -.- |
| 2025-03-22 | 09:00:00 | 63.5 | -.- | -.- | -.- |
| 2025-03-22 | 10:00:00 | 61.7 | -.- | -.- | -.- |
| 2025-03-22 | 11:00:00 | 62.4 | -.- | -.- | -.- |
| 2025-03-22 | 12:00:00 | 61.3 | -.- | -.- | -.- |
| 2025-03-22 | 13:00:00 | 63.2 | -.- | -.- | 62.5 |

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



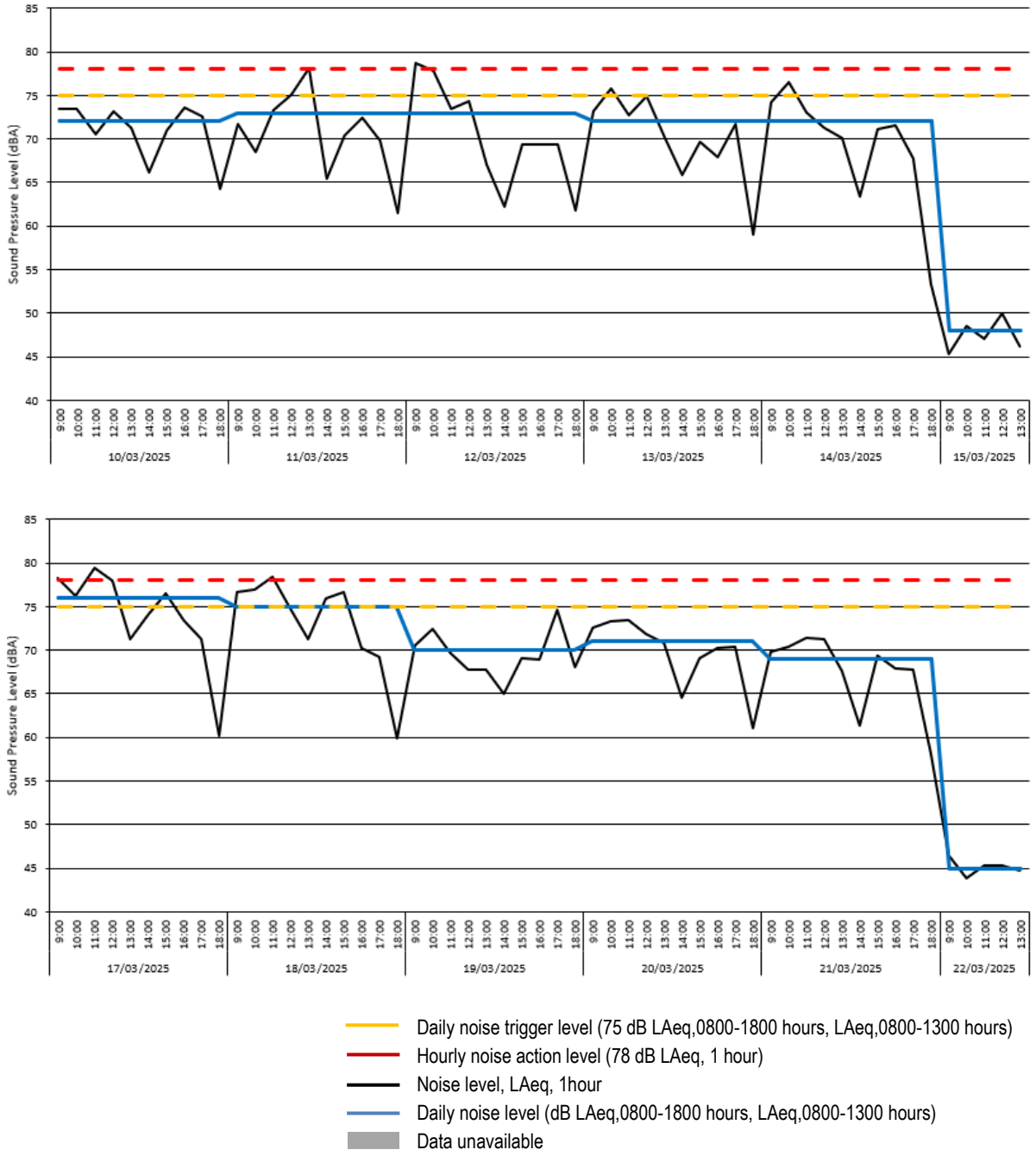

3.9 There was 100% data coverage at Location 1 during construction hours for the monitoring period covered by this report. There were no exceedances of the project daily or hourly noise trigger level.

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] |
|---|---|---|---|---|
| 2025-03-10 | 09:00:00 | 73.5 | -.- | -.- |
| 2025-03-10 | 10:00:00 | 73.5 | -.- | -.- |
| 2025-03-10 | 11:00:00 | 70.6 | -.- | -.- |
| 2025-03-10 | 12:00:00 | 73.1 | -.- | -.- |
| 2025-03-10 | 13:00:00 | 71.3 | -.- | -.- |
| 2025-03-10 | 14:00:00 | 66.2 | -.- | -.- |
| 2025-03-10 | 15:00:00 | 71.0 | -.- | -.- |
| 2025-03-10 | 16:00:00 | 73.6 | -.- | -.- |
| 2025-03-10 | 17:00:00 | 72.6 | -.- | -.- |
| 2025-03-10 | 18:00:00 | 64.3 | 71.8 | -.- |
| 2025-03-11 | 09:00:00 | 71.7 | -.- | -.- |
| 2025-03-11 | 10:00:00 | 68.5 | -.- | -.- |
| 2025-03-11 | 11:00:00 | 73.3 | -.- | -.- |
| 2025-03-11 | 12:00:00 | 75.0 | -.- | -.- |
| 2025-03-11 | 13:00:00 | 78.1 | -.- | -.- |
| 2025-03-11 | 14:00:00 | 65.4 | -.- | -.- |
| 2025-03-11 | 15:00:00 | 70.4 | -.- | -.- |
| 2025-03-11 | 16:00:00 | 72.5 | -.- | -.- |
| 2025-03-11 | 17:00:00 | 69.8 | -.- | -.- |
| 2025-03-11 | 18:00:00 | 61.5 | 72.6 | -.- |
| 2025-03-12 | 09:00:00 | 78.7 | -.- | -.- |
| 2025-03-12 | 10:00:00 | 77.9 | -.- | -.- |
| 2025-03-12 | 11:00:00 | 73.5 | -.- | -.- |
| 2025-03-12 | 12:00:00 | 74.4 | -.- | -.- |
| 2025-03-12 | 13:00:00 | 67.1 | -.- | -.- |
| 2025-03-12 | 14:00:00 | 62.3 | -.- | -.- |
| 2025-03-12 | 15:00:00 | 69.3 | -.- | -.- |
| 2025-03-12 | 16:00:00 | 69.3 | -.- | -.- |
| 2025-03-12 | 17:00:00 | 69.3 | -.- | -.- |
| 2025-03-12 | 18:00:00 | 61.8 | 73.4 | -.- |
| 2025-03-13 | 09:00:00 | 73.1 | -.- | -.- |
| 2025-03-13 | 10:00:00 | 75.8 | -.- | -.- |
| 2025-03-13 | 11:00:00 | 72.7 | -.- | -.- |
| 2025-03-13 | 12:00:00 | 74.9 | -.- | -.- |
| 2025-03-13 | 13:00:00 | 70.2 | -.- | -.- |
| 2025-03-13 | 14:00:00 | 65.8 | -.- | -.- |
| 2025-03-13 | 15:00:00 | 69.7 | -.- | -.- |
| 2025-03-13 | 16:00:00 | 67.9 | -.- | -.- |
| 2025-03-13 | 17:00:00 | 71.7 | -.- | -.- |
| 2025-03-13 | 18:00:00 | 59.0 | 71.9 | -.- |
| 2025-03-14 | 09:00:00 | 74.2 | -.- | -.- |
| 2025-03-14 | 10:00:00 | 76.5 | -.- | -.- |
| 2025-03-14 | 11:00:00 | 73.0 | -.- | -.- |
| 2025-03-14 | 12:00:00 | 71.3 | -.- | -.- |
| 2025-03-14 | 13:00:00 | 70.1 | -.- | -.- |
| 2025-03-14 | 14:00:00 | 63.4 | -.- | -.- |
| 2025-03-14 | 15:00:00 | 71.1 | -.- | -.- |
| 2025-03-14 | 16:00:00 | 71.6 | -.- | -.- |
| 2025-03-14 | 17:00:00 | 67.7 | -.- | -.- |
| 2025-03-14 | 18:00:00 | 53.3 | 71.8 | -.- |
| 2025-03-15 | 09:00:00 | 45.3 | -.- | -.- |
| 2025-03-15 | 10:00:00 | 48.5 | -.- | -.- |
| 2025-03-15 | 11:00:00 | 47.1 | -.- | -.- |
| 2025-03-15 | 12:00:00 | 50.0 | -.- | -.- |
| 2025-03-15 | 13:00:00 | 46.2 | -.- | 47.8 |
| 2025-03-16 | 18:00:00 | -.- | 48.9 | -.- |
| 2025-03-17 | 09:00:00 | 78.3 | -.- | -.- |
| 2025-03-17 | 10:00:00 | 76.2 | -.- | -.- |
| 2025-03-17 | 11:00:00 | 79.4 | -.- | -.- |
| 2025-03-17 | 12:00:00 | 78.0 | -.- | -.- |
| 2025-03-17 | 13:00:00 | 71.2 | -.- | -.- |
| 2025-03-17 | 14:00:00 | 74.1 | -.- | -.- |
| 2025-03-17 | 15:00:00 | 76.5 | -.- | -.- |
| 2025-03-17 | 16:00:00 | 73.5 | -.- | -.- |
| 2025-03-17 | 17:00:00 | 71.2 | -.- | -.- |
| 2025-03-17 | 18:00:00 | 60.2 | 75.8 | -.- |
| 2025-03-18 | 09:00:00 | 76.7 | -.- | -.- |
| 2025-03-18 | 10:00:00 | 76.9 | -.- | -.- |
| 2025-03-18 | 11:00:00 | 78.4 | -.- | -.- |
| 2025-03-18 | 12:00:00 | 74.7 | -.- | -.- |
| 2025-03-18 | 13:00:00 | 71.3 | -.- | -.- |
| 2025-03-18 | 14:00:00 | 76.0 | -.- | -.- |
| 2025-03-18 | 15:00:00 | 76.7 | -.- | -.- |
| 2025-03-18 | 16:00:00 | 70.3 | -.- | -.- |
| 2025-03-18 | 17:00:00 | 69.2 | -.- | -.- |
| 2025-03-18 | 18:00:00 | 59.9 | 75.0 | -.- |
| 2025-03-19 | 09:00:00 | 70.6 | -.- | -.- |
| 2025-03-19 | 10:00:00 | 72.5 | -.- | -.- |
| 2025-03-19 | 11:00:00 | 69.7 | -.- | -.- |
| 2025-03-19 | 12:00:00 | 67.8 | -.- | -.- |
| 2025-03-19 | 13:00:00 | 67.7 | -.- | -.- |
| 2025-03-19 | 14:00:00 | 65.0 | -.- | -.- |
| 2025-03-19 | 15:00:00 | 69.1 | -.- | -.- |
| 2025-03-19 | 16:00:00 | 69.0 | -.- | -.- |
| 2025-03-19 | 17:00:00 | 74.6 | -.- | -.- |
| 2025-03-19 | 18:00:00 | 68.0 | 70.2 | -.- |
| 2025-03-20 | 09:00:00 | 72.6 | -.- | -.- |
| 2025-03-20 | 10:00:00 | 73.3 | -.- | -.- |
| 2025-03-20 | 11:00:00 | 73.5 | -.- | -.- |
| 2025-03-20 | 12:00:00 | 71.9 | -.- | -.- |
| 2025-03-20 | 13:00:00 | 70.8 | -.- | -.- |
| 2025-03-20 | 14:00:00 | 64.5 | -.- | -.- |
| 2025-03-20 | 15:00:00 | 69.1 | -.- | -.- |
| 2025-03-20 | 16:00:00 | 70.3 | -.- | -.- |
| 2025-03-20 | 17:00:00 | 70.4 | -.- | -.- |
| 2025-03-20 | 18:00:00 | 61.1 | 70.9 | -.- |
| 2025-03-21 | 09:00:00 | 69.8 | -.- | -.- |
| 2025-03-21 | 10:00:00 | 70.4 | -.- | -.- |
| 2025-03-21 | 11:00:00 | 71.4 | -.- | -.- |
| 2025-03-21 | 12:00:00 | 71.2 | -.- | -.- |
| 2025-03-21 | 13:00:00 | 67.6 | -.- | -.- |
| 2025-03-21 | 14:00:00 | 61.4 | -.- | -.- |
| 2025-03-21 | 15:00:00 | 69.4 | -.- | -.- |
| 2025-03-21 | 16:00:00 | 67.9 | -.- | -.- |
| 2025-03-21 | 17:00:00 | 67.8 | -.- | -.- |
| 2025-03-21 | 18:00:00 | 58.1 | 68.8 | -.- |
| 2025-03-22 | 09:00:00 | 46.5 | -.- | -.- |
| 2025-03-22 | 10:00:00 | 43.9 | -.- | -.- |
| 2025-03-22 | 11:00:00 | 45.3 | -.- | -.- |
| 2025-03-22 | 12:00:00 | 45.3 | -.- | -.- |
| 2025-03-22 | 13:00:00 | 44.8 | -.- | 45.2 |

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




3.10 There was 100% data coverage at Location 2 during construction hours for the monitoring period covered by this report. One exceedance and one equalling of the project daily noise trigger level were recorded. These occurred on:

- Monday 17th February with a recorded level of 75.8 dB LAeq,10hrs;
- Tuesday 18th March with a recorded level of 75.0 dB LAeq,10hrs.

3.11 Additionally, there were five exceedances and one equalling of the project hourly noise action level. These occurred on:

- Tuesday 11th March at 13:00 with a recorded level of 78.1 dB. However, the daily noise trigger level was not exceeded on this day, with a recorded level of 72.6 dB LAeq,10hrs.
- Wednesday 12th March at 09:00 with a recorded level of 78.7 dB. However, the daily noise trigger level was not exceeded on this day, with a recorded level of 73.4 dB LAeq,10hrs.
- Monday 17th March at 09:00 with a recorded level of 78.3 dB. As discussed above, this occurred on a day when the daily noise trigger level was exceeded, with a recorded level of 75.8 dB LAeq,10hrs.
- Monday 17th March at 11:00 with a recorded level of 79.4 dB. As discussed above, this occurred on a day when the daily noise trigger level was exceeded, with a recorded level of 75.8 dB LAeq,10hrs.
- Monday 17th March at 12:00 with a recorded level of 78.0 dB. As discussed above, this occurred on a day when the daily noise trigger level was exceeded, with a recorded level of 75.8 dB LAeq,10hrs.
- Tuesday 18th March at 11:00 with a recorded level of 78.4 dB. As discussed above, this occurred on a day when the daily noise trigger level was equalled, with a recorded level of 75.0 dB LAeq,10hrs.

3.12 Discussions with site management confirmed that the exceedances were likely caused by several; contributing factors, including:

- Activity taking place at the carpenter bench area, including noise from drilling and sawing.
- Striking & putting up the frames which includes noise from hammering & laying the plywood
- Noise from the shutter of the storage area, which is in the vicinity of this monitoring location.
- Striking & putting up the shutter for the radius wall which is 1.5m away from the monitor (using the hammer/drill)
- Noise from building the frames during the construction of the vertical elements of the blocks, which included the use of hammers.

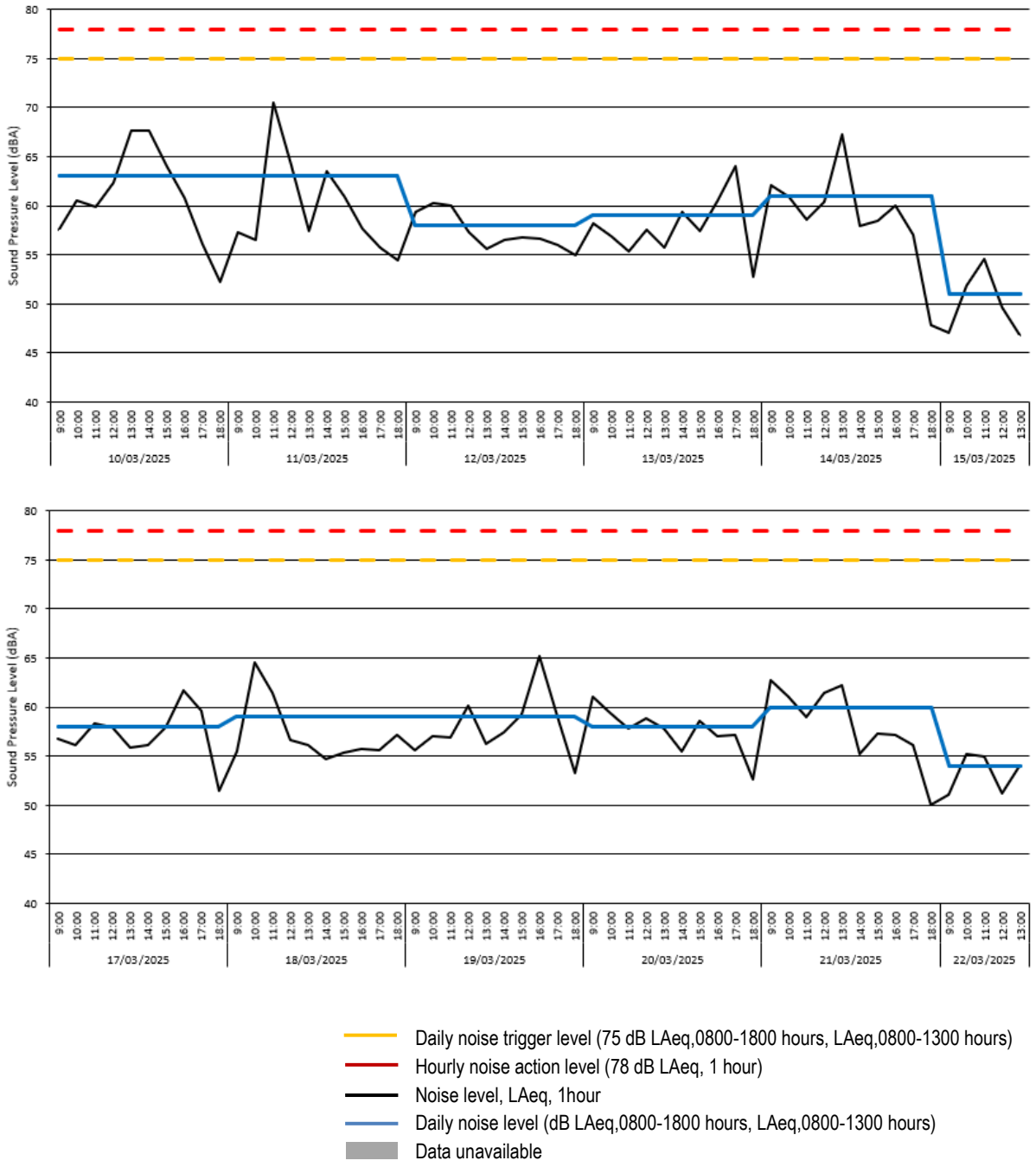
3.13 The above activity has been discussed with site management and, as well as measures to control noise, vibration & dust emissions. This will continue to be monitored, including discussions with site management for any future exceedances, and potential measures available to control emissions as far as practicable.

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

# Broadband Results

| Date [YYYY-MM-DD] | Time [hh:mm:ss] | LAeq(60min) [dB] | LAeq(10hr) [dB] | LAeq(5hr) [dB] |
|---|---|---|---|---|
| 2025-03-10 | 09:00:00 | 57.5 | -.- | -.- |
| 2025-03-10 | 10:00:00 | 60.5 | -.- | -.- |
| 2025-03-10 | 11:00:00 | 59.9 | -.- | -.- |
| 2025-03-10 | 12:00:00 | 62.3 | -.- | -.- |
| 2025-03-10 | 13:00:00 | 67.6 | -.- | -.- |
| 2025-03-10 | 14:00:00 | 67.6 | -.- | -.- |
| 2025-03-10 | 15:00:00 | 64.0 | -.- | -.- |
| 2025-03-10 | 16:00:00 | 60.8 | -.- | -.- |
| 2025-03-10 | 17:00:00 | 56.1 | -.- | -.- |
| 2025-03-10 | 18:00:00 | 52.3 | 63.1 | -.- |
| 2025-03-11 | 09:00:00 | 57.3 | -.- | -.- |
| 2025-03-11 | 10:00:00 | 56.5 | -.- | -.- |
| 2025-03-11 | 11:00:00 | 70.5 | -.- | -.- |
| 2025-03-11 | 12:00:00 | 64.2 | -.- | -.- |
| 2025-03-11 | 13:00:00 | 57.4 | -.- | -.- |
| 2025-03-11 | 14:00:00 | 63.5 | -.- | -.- |
| 2025-03-11 | 15:00:00 | 60.9 | -.- | -.- |
| 2025-03-11 | 16:00:00 | 57.7 | -.- | -.- |
| 2025-03-11 | 17:00:00 | 55.7 | -.- | -.- |
| 2025-03-11 | 18:00:00 | 54.4 | 63.0 | -.- |
| 2025-03-12 | 09:00:00 | 59.4 | -.- | -.- |
| 2025-03-12 | 10:00:00 | 60.3 | -.- | -.- |
| 2025-03-12 | 11:00:00 | 60.0 | -.- | -.- |
| 2025-03-12 | 12:00:00 | 57.3 | -.- | -.- |
| 2025-03-12 | 13:00:00 | 55.6 | -.- | -.- |
| 2025-03-12 | 14:00:00 | 56.5 | -.- | -.- |
| 2025-03-12 | 15:00:00 | 56.8 | -.- | -.- |
| 2025-03-12 | 16:00:00 | 56.6 | -.- | -.- |
| 2025-03-12 | 17:00:00 | 56.0 | -.- | -.- |
| 2025-03-12 | 18:00:00 | 55.0 | 57.7 | -.- |
| 2025-03-13 | 09:00:00 | 58.2 | -.- | -.- |
| 2025-03-13 | 10:00:00 | 56.9 | -.- | -.- |
| 2025-03-13 | 11:00:00 | 55.4 | -.- | -.- |
| 2025-03-13 | 12:00:00 | 57.6 | -.- | -.- |
| 2025-03-13 | 13:00:00 | 55.8 | -.- | -.- |
| 2025-03-13 | 14:00:00 | 59.4 | -.- | -.- |
| 2025-03-13 | 15:00:00 | 57.4 | -.- | -.- |
| 2025-03-13 | 16:00:00 | 60.6 | -.- | -.- |
| 2025-03-13 | 17:00:00 | 64.0 | -.- | -.- |
| 2025-03-13 | 18:00:00 | 52.8 | 58.9 | -.- |
| 2025-03-14 | 09:00:00 | 62.1 | -.- | -.- |
| 2025-03-14 | 10:00:00 | 60.9 | -.- | -.- |
| 2025-03-14 | 11:00:00 | 58.6 | -.- | -.- |
| 2025-03-14 | 12:00:00 | 60.4 | -.- | -.- |
| 2025-03-14 | 13:00:00 | 67.3 | -.- | -.- |
| 2025-03-14 | 14:00:00 | 58.0 | -.- | -.- |
| 2025-03-14 | 15:00:00 | 58.4 | -.- | -.- |
| 2025-03-14 | 16:00:00 | 60.0 | -.- | -.- |
| 2025-03-14 | 17:00:00 | 57.0 | -.- | -.- |
| 2025-03-14 | 18:00:00 | 47.8 | 61.1 | -.- |
| 2025-03-15 | 09:00:00 | 47.1 | -.- | -.- |
| 2025-03-15 | 10:00:00 | 51.9 | -.- | -.- |
| 2025-03-15 | 11:00:00 | 54.6 | -.- | -.- |
| 2025-03-15 | 12:00:00 | 49.7 | -.- | -.- |
| 2025-03-15 | 13:00:00 | 46.8 | -.- | 51.0 |
| 2025-03-16 | 18:00:00 | -.- | 57.5 | -.- |
| 2025-03-17 | 09:00:00 | 56.8 | -.- | -.- |
| 2025-03-17 | 10:00:00 | 56.1 | -.- | -.- |
| 2025-03-17 | 11:00:00 | 58.3 | -.- | -.- |
| 2025-03-17 | 12:00:00 | 58.0 | -.- | -.- |
| 2025-03-17 | 13:00:00 | 55.9 | -.- | -.- |
| 2025-03-17 | 14:00:00 | 56.1 | -.- | -.- |
| 2025-03-17 | 15:00:00 | 58.0 | -.- | -.- |
| 2025-03-17 | 16:00:00 | 61.7 | -.- | -.- |
| 2025-03-17 | 17:00:00 | 59.6 | -.- | -.- |
| 2025-03-17 | 18:00:00 | 51.5 | 57.9 | -.- |
| 2025-03-18 | 09:00:00 | 55.5 | -.- | -.- |
| 2025-03-18 | 10:00:00 | 64.6 | -.- | -.- |
| 2025-03-18 | 11:00:00 | 61.4 | -.- | -.- |
| 2025-03-18 | 12:00:00 | 56.6 | -.- | -.- |
| 2025-03-18 | 13:00:00 | 56.1 | -.- | -.- |
| 2025-03-18 | 14:00:00 | 54.7 | -.- | -.- |
| 2025-03-18 | 15:00:00 | 55.4 | -.- | -.- |
| 2025-03-18 | 16:00:00 | 55.8 | -.- | -.- |
| 2025-03-18 | 17:00:00 | 55.6 | -.- | -.- |
| 2025-03-18 | 18:00:00 | 57.2 | 58.7 | -.- |
| 2025-03-19 | 09:00:00 | 55.6 | -.- | -.- |
| 2025-03-19 | 10:00:00 | 57.0 | -.- | -.- |
| 2025-03-19 | 11:00:00 | 56.9 | -.- | -.- |
| 2025-03-19 | 12:00:00 | 60.1 | -.- | -.- |
| 2025-03-19 | 13:00:00 | 56.2 | -.- | -.- |
| 2025-03-19 | 14:00:00 | 57.4 | -.- | -.- |
| 2025-03-19 | 15:00:00 | 59.3 | -.- | -.- |
| 2025-03-19 | 16:00:00 | 65.2 | -.- | -.- |
| 2025-03-19 | 17:00:00 | 59.1 | -.- | -.- |
| 2025-03-19 | 18:00:00 | 53.3 | 59.3 | -.- |
| 2025-03-20 | 09:00:00 | 61.0 | -.- | -.- |
| 2025-03-20 | 10:00:00 | 59.4 | -.- | -.- |
| 2025-03-20 | 11:00:00 | 57.8 | -.- | -.- |
| 2025-03-20 | 12:00:00 | 58.9 | -.- | -.- |
| 2025-03-20 | 13:00:00 | 57.8 | -.- | -.- |
| 2025-03-20 | 14:00:00 | 55.5 | -.- | -.- |
| 2025-03-20 | 15:00:00 | 58.6 | -.- | -.- |
| 2025-03-20 | 16:00:00 | 57.1 | -.- | -.- |
| 2025-03-20 | 17:00:00 | 57.2 | -.- | -.- |
| 2025-03-20 | 18:00:00 | 52.6 | 58.1 | -.- |
| 2025-03-21 | 09:00:00 | 62.8 | -.- | -.- |
| 2025-03-21 | 10:00:00 | 61.1 | -.- | -.- |
| 2025-03-21 | 11:00:00 | 59.0 | -.- | -.- |
| 2025-03-21 | 12:00:00 | 61.5 | -.- | -.- |
| 2025-03-21 | 13:00:00 | 62.2 | -.- | -.- |
| 2025-03-21 | 14:00:00 | 55.2 | -.- | -.- |
| 2025-03-21 | 15:00:00 | 57.3 | -.- | -.- |
| 2025-03-21 | 16:00:00 | 57.2 | -.- | -.- |
| 2025-03-21 | 17:00:00 | 56.1 | -.- | -.- |
| 2025-03-21 | 18:00:00 | 50.0 | 59.5 | -.- |
| 2025-03-22 | 09:00:00 | 51.1 | -.- | -.- |
| 2025-03-22 | 10:00:00 | 55.2 | -.- | -.- |
| 2025-03-22 | 11:00:00 | 55.0 | -.- | -.- |
| 2025-03-22 | 12:00:00 | 51.2 | -.- | -.- |
| 2025-03-22 | 13:00:00 | 54.0 | -.- | 53.6 |

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




3.14 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 daily noise trigger level (75 dB LAeq,T) of the hourly noise action level (78 dB LAeq,1hr) during this monitoring period.

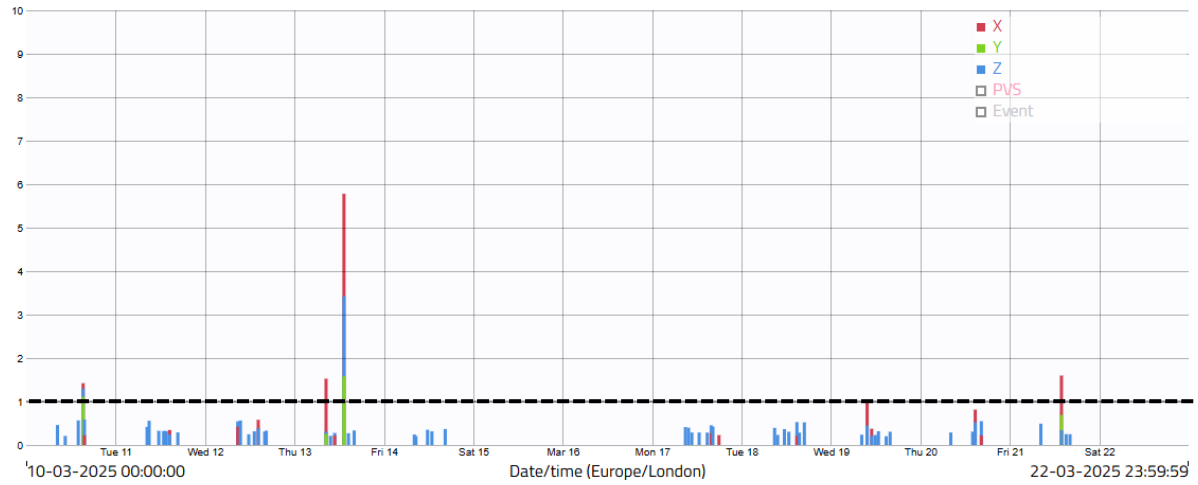
**Vibration Monitoring Results**

Location 1 (meter ref. PIJIVI) – Raw Data

| Measuring point: | Period: |
|---|---|
| Holloway - L1 | 10/03/25 - 22/03/25 |
| | |
| Criteria mm/s PPV | Exceedances |
| 1.0 | 6 |

| Order | Value | Date | Time |
|---|---|---|---|
| 1 | 5.78 | 13/03/2025 | 13:17 |
| 2 | 4.32 | 13/03/2025 | 13:16 |
| 3 | 1.60 | 21/03/2025 | 13:51 |
| 4 | 1.52 | 13/03/2025 | 08:29 |
| 5 | 1.42 | 10/03/2025 | 15:17 |
| 6 | 1.03 | 19/03/2025 | 09:42 |
| 7 | 0.94 | 13/03/2025 | 13:20 |
| 8 | 0.87 | 13/03/2025 | 13:15 |
| 9 | 0.81 | 20/03/2025 | 14:43 |
| 10 | 0.79 | 13/03/2025 | 13:18 |

Location 1 (meter ref. PIJIVI) – Time History Graph




3.15 There was 100% data coverage at Location 1 during construction hours for the monitoring period covered by this report. There were six exceedances recorded during the monitoring period. The highest recorded level occurred on Thursday 13th March at 13:17, with a recorded level of 5.8 mm/s PPV. Site management have confirmed that this was likely caused by work taking place within the vicinity of Blocks C & D, including the installation of the pile caps & beams, or the drainage installation. However, it is worth noting the two highest exceedances occurred within the space of two minutes, as shown in the table at the top of this page. This suggests that these exceedances were likely caused by an individual event, as opposed to continuous construction activity at the location. This will continue to be monitored.

3.16 It is worth noting that this vibration monitor is not located within the site boundary; it is attached to the external wall of the residential block of flats within Dalmeny Avenue, overlooking the site. It is possible that the exceedances were caused by non-construction activity (i.e. nearby pedestrians accidentally coming into contact with the monitor).

Location 2 (meter ref. LEQUMO) – Raw data

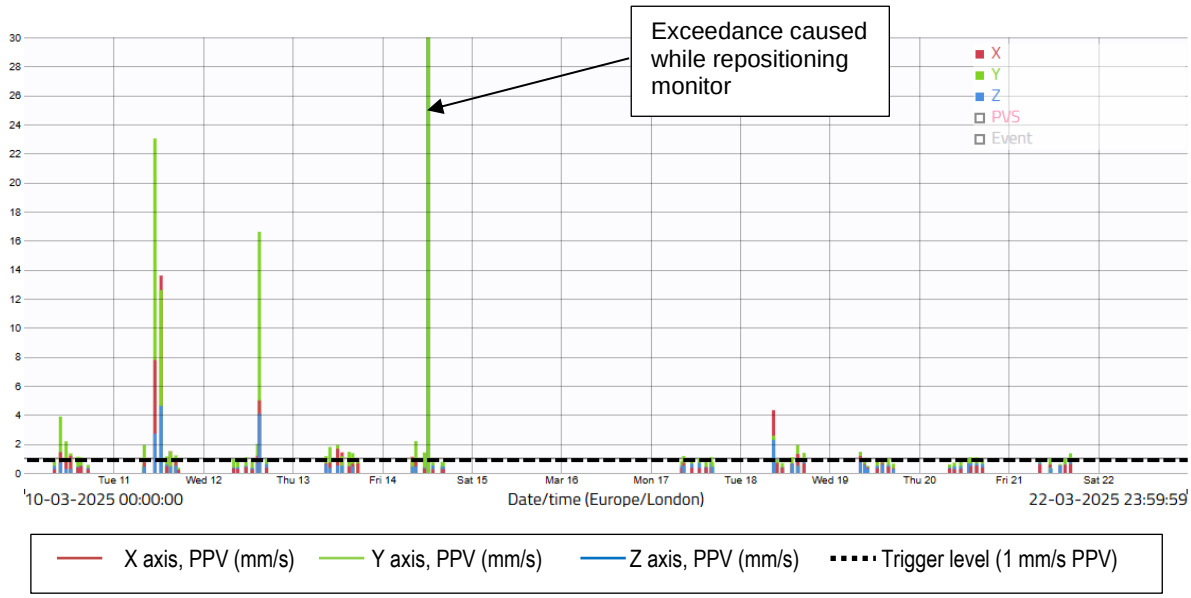
Measuring point: Holloway - L2
Period: 10/03/25 - 22/03/25

Criteria mm/s PPV: 1.0
Exceedances: 101

Exceedances caused while repositioning monitor and can be discounted

| Order | Value | Date | Time | Order | Value | Date | Time | Order | Value | Date | Time |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 579.09 | 14/03/2025 | 12:20 | 31 | 1.59 | 11/03/2025 | 10:50 | 61 | 1.20 | 18/03/2025 | 15:33 |
| 2 | 522.76 | 14/03/2025 | 12:21 | 32 | 1.49 | 18/03/2025 | 14:12 | 62 | 1.17 | 17/03/2025 | 08:53 |
| 3 | 23.03 | 11/03/2025 | 11:05 | 33 | 1.49 | 11/03/2025 | 15:14 | 63 | 1.16 | 13/03/2025 | 08:58 |
| 4 | 21.40 | 14/03/2025 | 12:19 | 34 | 1.48 | 14/03/2025 | 08:59 | 64 | 1.15 | 13/03/2025 | 13:59 |
| 5 | 16.61 | 12/03/2025 | 15:06 | 35 | 1.47 | 11/03/2025 | 15:12 | 65 | 1.15 | 12/03/2025 | 15:34 |
| 6 | 13.59 | 11/03/2025 | 12:44 | 36 | 1.46 | 19/03/2025 | 08:15 | 66 | 1.14 | 11/03/2025 | 14:14 |
| 7 | 13.00 | 11/03/2025 | 11:09 | 37 | 1.46 | 13/03/2025 | 15:09 | 67 | 1.14 | 11/03/2025 | 16:00 |
| 8 | 12.60 | 11/03/2025 | 12:42 | 38 | 1.45 | 18/03/2025 | 14:40 | 68 | 1.14 | 13/03/2025 | 14:10 |
| 9 | 10.67 | 11/03/2025 | 11:06 | 39 | 1.43 | 13/03/2025 | 10:43 | 69 | 1.13 | 10/03/2025 | 12:23 |
| 10 | 7.60 | 11/03/2025 | 11:08 | 40 | 1.43 | 10/03/2025 | 09:56 | 70 | 1.13 | 13/03/2025 | 08:33 |
| 11 | 7.43 | 11/03/2025 | 11:17 | 41 | 1.42 | 13/03/2025 | 13:16 | 71 | 1.12 | 10/03/2025 | 14:26 |
| 12 | 5.63 | 11/03/2025 | 12:41 | 42 | 1.41 | 14/03/2025 | 11:21 | 72 | 1.12 | 14/03/2025 | 08:08 |
| 13 | 4.33 | 18/03/2025 | 08:58 | 43 | 1.41 | 13/03/2025 | 14:04 | 73 | 1.11 | 13/03/2025 | 10:46 |
| 14 | 4.03 | 11/03/2025 | 11:07 | 44 | 1.39 | 18/03/2025 | 17:08 | 74 | 1.11 | 13/03/2025 | 11:22 |
| 15 | 3.89 | 10/03/2025 | 09:45 | 45 | 1.36 | 11/03/2025 | 11:12 | 75 | 1.11 | 17/03/2025 | 16:15 |
| 16 | 3.82 | 11/03/2025 | 11:10 | 46 | 1.36 | 13/03/2025 | 16:07 | 76 | 1.10 | 12/03/2025 | 11:30 |
| 17 | 3.74 | 14/03/2025 | 12:24 | 47 | 1.35 | 21/03/2025 | 16:36 | 77 | 1.09 | 20/03/2025 | 15:25 |
| 18 | 3.09 | 11/03/2025 | 11:11 | 48 | 1.35 | 10/03/2025 | 12:29 | 78 | 1.09 | 12/03/2025 | 14:36 |
| 19 | 2.19 | 14/03/2025 | 09:03 | 49 | 1.34 | 11/03/2025 | 11:13 | 79 | 1.09 | 14/03/2025 | 12:15 |
| 20 | 2.18 | 10/03/2025 | 11:16 | 50 | 1.33 | 10/03/2025 | 11:43 | 80 | 1.09 | 18/03/2025 | 13:55 |
| 21 | 2.03 | 14/03/2025 | 12:14 | 51 | 1.32 | 14/03/2025 | 08:35 | 81 | 1.09 | 11/03/2025 | 11:15 |
| 22 | 1.99 | 12/03/2025 | 14:37 | 52 | 1.30 | 13/03/2025 | 10:52 | 82 | 1.08 | 20/03/2025 | 13:52 |
| 23 | 1.98 | 11/03/2025 | 12:43 | 53 | 1.29 | 12/03/2025 | 16:26 | 83 | 1.08 | 10/03/2025 | 15:16 |
| 24 | 1.96 | 14/03/2025 | 09:02 | 54 | 1.26 | 13/03/2025 | 14:35 | 84 | 1.07 | 11/03/2025 | 16:48 |
| 25 | 1.93 | 11/03/2025 | 08:14 | 55 | 1.25 | 19/03/2025 | 08:20 | 85 | 1.07 | 10/03/2025 | 15:08 |
| 26 | 1.92 | 13/03/2025 | 11:37 | 56 | 1.23 | 11/03/2025 | 12:18 | 86 | 1.06 | 13/03/2025 | 14:34 |
| 27 | 1.92 | 18/03/2025 | 15:26 | 57 | 1.23 | 13/03/2025 | 10:50 | 87 | 1.06 | 17/03/2025 | 16:08 |
| 28 | 1.79 | 13/03/2025 | 10:01 | 58 | 1.22 | 19/03/2025 | 08:21 | 88 | 1.04 | 11/03/2025 | 11:14 |
| 29 | 1.67 | 13/03/2025 | 12:05 | 59 | 1.21 | 14/03/2025 | 09:26 | 89 | 1.04 | 10/03/2025 | 16:23 |
| 30 | 1.66 | 13/03/2025 | 10:41 | 60 | 1.21 | 11/03/2025 | 16:24 | 90 | 1.03 | 10/03/2025 | 11:51 |

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




3.17 There was 100% data coverage at Location 2 during construction hours for the monitoring period covered by this report. There were 101 exceedances of the project vibration trigger level of 1.0 mm/s PPV, as shown in the raw data and graph above. Exceedances recorded on Friday 14th March between 12:00 and 12:40 can be discounted, which were caused by site personnel during a Cass Allen site visit, which took place at the time.

3.18 Prior to Friday 14th March, the recorded vibration levels at this position are likely to be significantly higher than those experienced at the nearest sensitive receptors at the time. Cass Allen attended site on Friday 14th March to review the setup of this monitor. Prior to this date, the vibration monitor at this location was attached to the wooden support post forming part of the site hoarding, as this was the safest available location at the time of its previous relocation (which took place in November 2024).

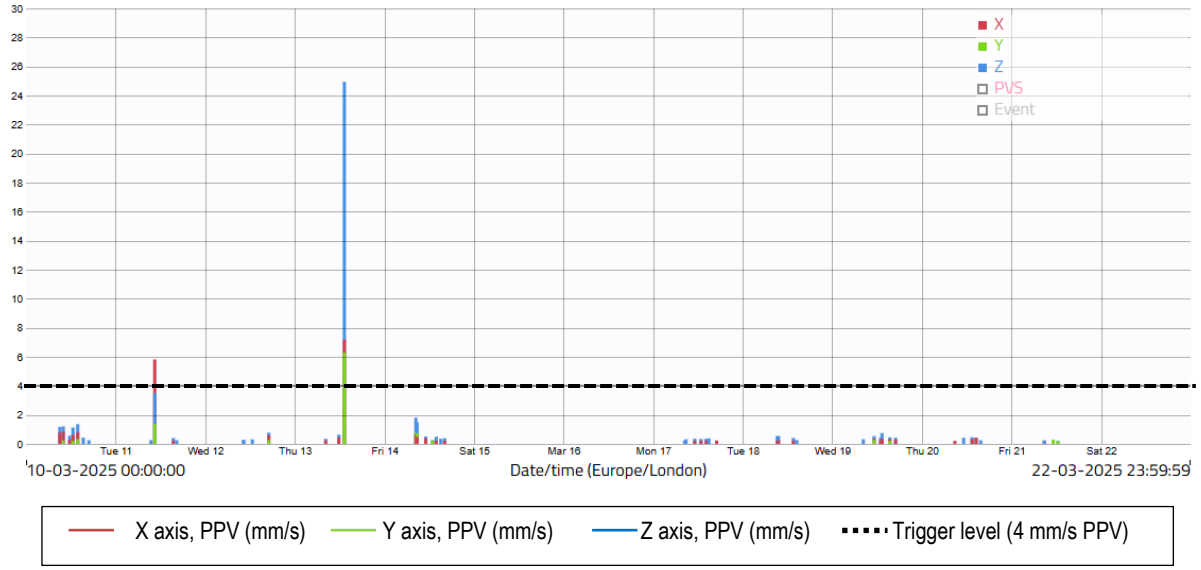
3.19 During Cass Allen's site visit on 14th March, the vibration monitor at this position was relocated to be attached to a concrete block on the perimeter of the site hoarding. Since the visit took place, the recorded vibration levels have significantly lessened. The highest recorded level after the relocation took place on Tuesday 18th March at 08:58, with a recorded level of 4.33 mm/s PPV. Site management confirmed that this was likely caused by works carried out at Block E, including the installation of pile caps & beams at Block E1. Given that all vibration readings recorded during the period after the monitor relocation were significantly lower than 4.3 mm/s PPV, this exceedance was likely caused by an individual event, as opposed to continuous construction activity at the location. This will continue to be monitored.

Location 3 (meter ref. RIYORU) – Raw data

| Measuring point: | Period: |
|---|---|
| Holloway - L3 | 10/03/25 - 22/03/25 |
| Criteria mm/s PPV | Exceedances |
| 4.0 | 4 |

| Order | Value | Date | Time |
|---|---|---|---|
| 1 | 24.94 | 13/03/2025 | 13:17 |
| 2 | 21.83 | 13/03/2025 | 13:16 |
| 3 | 8.15 | 13/03/2025 | 13:18 |
| 4 | 5.82 | 11/03/2025 | 10:29 |
| 5 | 2.36 | 13/03/2025 | 13:15 |
| 6 | 2.29 | 11/03/2025 | 10:37 |
| 7 | 1.98 | 11/03/2025 | 10:35 |
| 8 | 1.81 | 14/03/2025 | 08:26 |
| 9 | 1.60 | 11/03/2025 | 11:07 |
| 10 | 1.52 | 11/03/2025 | 10:27 |

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



3.20 There was 100% data coverage at Location 3 during construction hours for the monitoring period covered by this report. There were four exceedances of the project vibration trigger level of 4.0 mm/s PPV, as shown in the raw data and graph above.

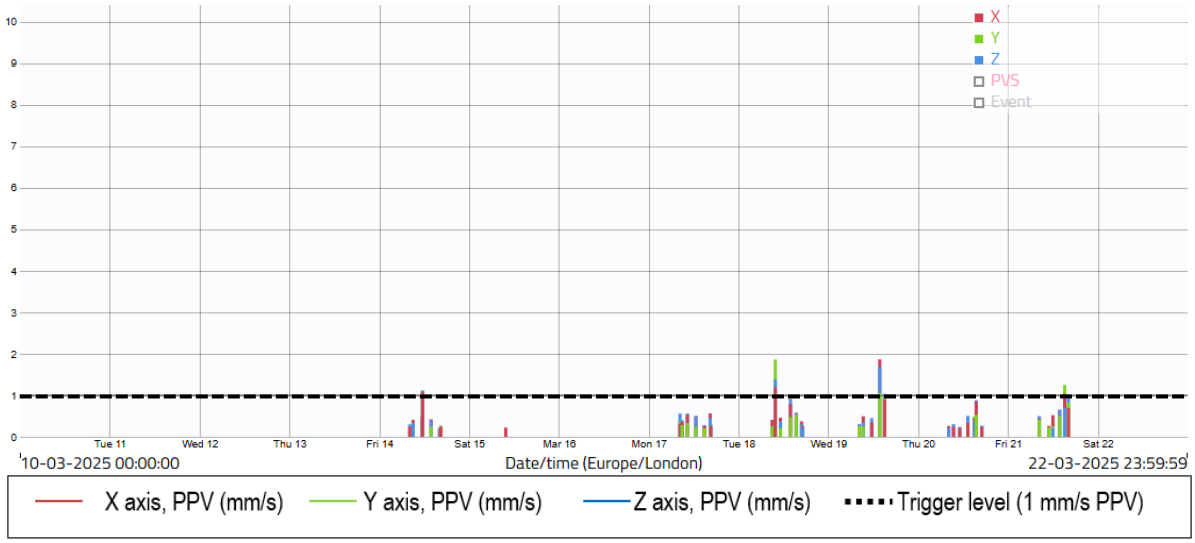
3.21 The occurred on Thursday 13th March at 13:17, with a recorded level of 24.9 mm/s PPV. This monitor is located within close proximity of the site haulage road. The exceedances at this location were discussed with site management, and it was confirmed that no construction activity was taking place within the vicinity of the monitor at the time. It is likely that the exceedances were caused by a large vehicle moving the past the monitor location, within very close proximity of the monitor. It is possible that the vehicle went over a bump or a rock, which would have caused a larger than usual vibration reading. This will continue be monitored.

Location 4 (meter ref. TEJELU) – Raw data

| Measuring point: | Period: |
|---|---|
| Holloway - L4 | 10/03/25 - 22/03/25 |
| Criteria mm/s PPV | Exceedances |
| 1.0 | 11 |

| Order | Value | Date | Time |
|---|---|---|---|
| 1 | 1.86 | 19/03/2025 | 13:45 |
| 2 | 1.86 | 18/03/2025 | 09:50 |
| 3 | 1.69 | 19/03/2025 | 14:06 |
| 4 | 1.32 | 19/03/2025 | 13:50 |
| 5 | 1.27 | 19/03/2025 | 14:19 |
| 6 | 1.25 | 21/03/2025 | 15:09 |
| 7 | 1.12 | 14/03/2025 | 11:35 |
| 8 | 1.11 | 18/03/2025 | 09:45 |
| 9 | 1.07 | 14/03/2025 | 11:34 |
| 10 | 1.06 | 19/03/2025 | 14:24 |
| 11 | 1.03 | 19/03/2025 | 15:02 |
| 12 | 0.98 | 19/03/2025 | 15:16 |
| 13 | 0.97 | 19/03/2025 | 14:09 |
| 14 | 0.96 | 19/03/2025 | 15:18 |
| 15 | 0.95 | 21/03/2025 | 16:09 |
| 16 | 0.93 | 19/03/2025 | 15:45 |
| 17 | 0.92 | 18/03/2025 | 13:53 |
| 18 | 0.90 | 18/03/2025 | 09:53 |
| 19 | 0.88 | 20/03/2025 | 15:31 |
| 20 | 0.87 | 18/03/2025 | 09:44 |
| 21 | 0.84 | 19/03/2025 | 13:49 |
| 22 | 0.83 | 20/03/2025 | 15:32 |
| 23 | 0.83 | 19/03/2025 | 14:08 |
| 24 | 0.82 | 18/03/2025 | 09:47 |
| 25 | 0.82 | 19/03/2025 | 15:33 |
| 26 | 0.82 | 21/03/2025 | 16:12 |
| 27 | 0.79 | 19/03/2025 | 15:46 |
| 28 | 0.78 | 18/03/2025 | 09:54 |
| 29 | 0.78 | 20/03/2025 | 15:34 |
| 30 | 0.77 | 14/03/2025 | 11:36 |

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




3.22 There was 55% data coverage at Location 4 during construction hours for the monitoring period covered by this report:

- The monitor was offline during the monitoring period until 08:08 on Friday 14th March due to a drained battery.
- The monitor went offline at 09:48 on Saturday 15th March, as the battery installed during the previous day was at a reduced capacity.
- The monitor came back online for the remainder of the monitoring period from 08:10 on Monday 17th March.

3.23 There were 11 exceedances of the project vibration trigger level of 1.0 mm/s PPV during the monitoring period covered by this report. The highest recorded level occurred on Wednesday 19th March at 13:45, with a recorded level of 1.9 mm/s PPV. Site management confirmed that the exceedances were caused by works carried out at Block E, including the installation of pile caps & beams at Block E1. This will continue to be monitored.